

# Cygna Auditor

# Developer's Guide

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# Get Started with Cygna Auditor API

Cygna Auditor's RESTful API is a great way to communicate with the product without actually opening its interface.

Leveraging API, you can retrieve audit data collected by the product, configure data collection, or integrate Cygna Auditor into your in-house auditing or compliance solution.

Cygna Auditor API is REST-based. It means the services interact with Cygna Auditor through HTTP requests sent to designated URLs. You can send and receive JSON objects containing data (single object or an array).

## API Request Structure

Depending on your task, you'll be sending HTTP requests to one of available endpoints, for example:

METHOD	ENDPOINT
POST	<code>/api/v{version}/events</code>

With a header and body containing data, for example:

HEADER	<code>Authorization: Bearer YOUR-TOKEN</code> <code>Session-Id: YOUR-ID</code> <code>Content-Type: application/json</code>
--------	----------------------------------------------------------------------------------------------------------------------------------

BODY	<pre>{   "Clauses": [     {       "FieldName": "user",       "Comparison": 1,       "Values": [         {           "Value": "Cygna Auditor"         }       ]     }   ],   "Columns": [     {</pre>
------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

```
"Name": "When",
"Header": "When",
"Sources": [
  -1
],
"Type": "date",
"Position": null,
"Visible": true,
"Width": {
  "Value": 210,
  "Default": 210,
  "Minimum": 210
},
"Hover": null,
"IsIntersecting": false
},
{
  "Name": "Module",
  "Header": "Source",
  "Sources": [
    -1
  ],
  "Type": "string",
  "Position": "center",
  "Visible": true,
  "Width": {
    "Value": 140,
    "Default": 140,
    "Minimum": 140
  },
  "Hover": {
    "Field": "Module",
    "AddAction": 13,
    "RemoveAction": 14,
    "Position": "center"
  },
  "IsIntersecting": false
},
{
  "Name": "EventName",
```

```
"Header": "What",
"Sources": [
  -1
],
"Type": "string",
"Position": null,
"Visible": true,
"Width": {
  "Value": 419,
  "Default": null,
  "Minimum": 130
},
"Hover": {
  "Field": "EventName",
  "AddAction": 1,
  "RemoveAction": 2,
  "Position": null
},
"IsIntersecting": false
},
{
  "Name": "User",
  "Header": "Who",
  "Sources": [
    -1
  ],
  "Type": "string",
  "Position": null,
  "Visible": true,
  "Width": {
    "Value": 419,
    "Default": null,
    "Minimum": 130
  },
  "Hover": {
    "Field": "User",
    "AddAction": 1,
    "RemoveAction": 2,
    "Position": null
  },
}
```

```
    "IsIntersecting":false
  },
  {
    "Name":"ObjectName",
    "Header":"Item",
    "Sources":[
      -1
    ],
    "Type":"string",
    "Position":null,
    "Visible":true,
    "Width":{
      "Value":420,
      "Default":null,
      "Minimum":130
    },
    "Hover":{
      "Field":"ObjectName",
      "AddAction":1,
      "RemoveAction":2,
      "Position":null
    },
    "IsIntersecting":false
  }
]
```

## API Response Structure

Depending on the API call, you will receive an HTTP response with the status (200 OK or error status), a header and body. While the header is standard for HTTP specification, the body will typically contain data from returned by server or an error message. For example:

## BODY

```
[
  {
    "Id": 10000,
    "Module": 4,
    "When": "2021-10-19T09:15:03Z",
    "User": "Cygna Auditor",
    "Server": null,
    "EventName": "User Sign-In",
    "ObjectName": "Office 365 Exchange Online",
    "Success": 1,
    "FromAgent": null,
    "WorkstationId": 15,
    "NativeEventId": 3779,
    "ActionId": 0,
    "Attribute": null,
    "ObjectDN": null,
    "ObjectClass": null,
    "Location": null,
    "IsRisky": null,
    "Client": null,
    "CrossMailboxOperations": false,
    "MailboxUPN": null,
    "MailboxFolder": null,
    "SourceFileName": null,
    "Path": null,
    "ItemType": 0,
    "Workload": null,
    "ValueAdded": null,
    "ValueAddedDisplay": null,
    "ValueRemoved": null,
    "VmHost": null,
    "VmType": null,
    "DataCenter": null,
    "DataStore": null,
    "Vm": null,
    "VmCategory": null,
    "TeamName": null,
    "TeamRole": null,
  }
]
```

## BODY

```
"TeamMember": null,  
"Tenant": null,  
"External": null,  
"IdentityName": null,  
"ResourceGroup": null,  
"EventCategory": null,  
"Status": null,  
"Operation": null,  
"ResourceType": null,  
"Level": null,  
"Subscription": null,  
"AccountSid": null,  
"Workstation": null,  
"ADsType": 0,  
"Opn": 0  
}  
]
```

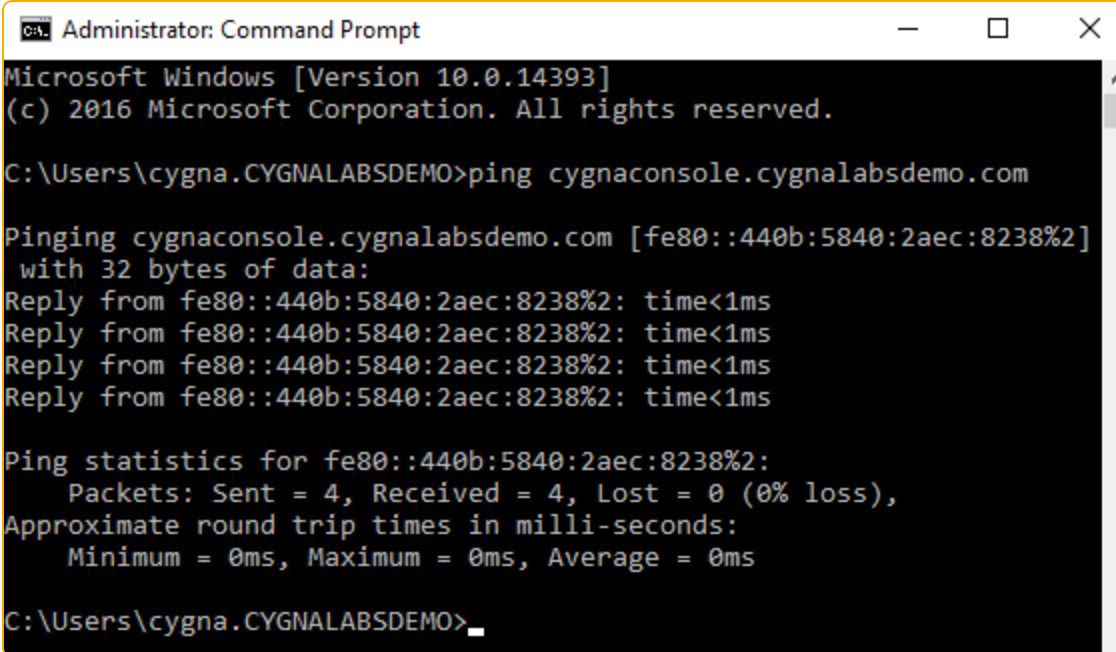
To learn more about data structures, endpoints, and error codes, proceed to the next topics.

## Configuration

You can start sending API requests to Cygna Auditor right away.

### Checking Cygna Auditor State

Although no additional configuration is required, verify that Cygna Auditor application is up and running and that you can ping the application server from the one you plan to send API requests.



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\cygna.CYGNALABSDEMO>ping cygnaconsole.cygnalabsdemo.com

Pinging cygnaconsole.cygnalabsdemo.com [fe80::440b:5840:2aec:8238%2]
with 32 bytes of data:
Reply from fe80::440b:5840:2aec:8238%2: time<1ms
Reply from fe80::440b:5840:2aec:8238%2: time<1ms
Reply from fe80::440b:5840:2aec:8238%2: time<1ms
Reply from fe80::440b:5840:2aec:8238%2: time<1ms

Ping statistics for fe80::440b:5840:2aec:8238%2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\cygna.CYGNALABSDEMO>
```

## Preparing Account

It is also highly advised to create a Cygna account specifically for your API integrations.

1. Start by creating an API role. In Cygna Auditor, navigate to **Configuration / Delegation / Roles**. Set up a role depending on the actions you want to complete with API and resources you want to access.
  - Leverage the Global administrator role or create a similar role if you want to manage Cygna Auditor settings and data collection configurations.
  - Grant permissions granularly, e.g., specifically to read Active Directory and File System events.
2. Assign a role to an account you'll use to make API calls. Navigate to **Configuration / Delegation / Role Assignment**.

## Authorization

To successfully send requests to Cygna Auditor and retrieve data, you must authorize yourself with the system. Authorization is a two-step process:

1. Receive a temporary token and user CID.
2. Authorize each request with a token and sessionID.

## Receiving Token and User CID

Send a POST request to `api/v{version}/auth/login`.

METHOD	ENDPOINT
POST	api/v1/auth/login

With a header and body containing your Cygna credentials. Consider using a dedicated user account for making API calls.

HEADER	Content-Type: application/json
BODY	<pre>{   "user": "Example\\User",   "password": "Password123",   "userDomain": "Example",   "userAccount": "Example\\User" }</pre>

Review an abstract of the response and copy `Token` and `UserCid`.

BODY	<pre>{   User": null,   "Password": null,   "DisplayName": "Example user",   "UserDomain": "Example",   "UserAccount": "User",   "UserSid": "S-1-5-21-....-1407802119-0000",   "UserGuid": "00000000-....-9c88-c5a98c9457a8",   "UserCid": "00000000-....-9996-91cb94678f00",   "Token": "eyJhbGci....00000000",   ... }</pre>
------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Authenticating and Authorizing with Token and Session ID

With any request, provide authorization token and user CID (as session ID) in the header. For example:

METHOD	GET
ENDPOINT	/api/v1/collectors/filesystem
HEADER	Authorization: Bearer eyJhbGci....00000000

```
Session-Id: 00000000-....-9996-91cb94678f00
```

## HTTP Verbs

Cygna Auditor uses standard HTTP verbs for its endpoints:

Verb	Description
GET	Retrieves, queries, lists resources.
POST	Creates a new resource. Additionally, a POST might be used for complex retrieval operations with prefiltering.
PUT	Updates a resource.
DELETE	Removes a resource.

## Response Codes

These are the main HTTP response code you may encounter while using Cygna API.

CODE	Description
200 OK	The request has succeeded.
400 Bad Request	General syntax error. <ul style="list-style-type: none"> <li>Check the endpoint path and method. See complete API reference for details.</li> </ul>
401 Unauthorized	Access is denied. <ul style="list-style-type: none"> <li>Ensure the account you use for authentication has a valid Cygna license, check the licensed product and expiration date.</li> <li>Check the account you use for authentication is assigned a role that allows access to requested resources. For example, you can't retrieve Active Directory events if you are granted the 'File System - Reader' role.</li> <li>Ensure you enter correct credentials and recent Session ID &amp; token.</li> </ul>
403 Forbidden	You haven't completed the Cygna Auditor setup. Ensure the Global administrators signs in the system and finished the rollout

CODE	Description
	procedure.
410 Resource Gone	The resource your trying to access doesn't exist any more. For example, the role has been deleted.
500 Internal Server Error	General server error. <ul style="list-style-type: none"><li>• Ensure the endpoint path is correct.</li><li>• The Cygna server is unavailable.</li></ul>

# Common Tasks

Here is the list of the most commonly used Cygna Auditor API endpoints.

ENDPOINT	METHOD	DESCRIPTION
<b>Events</b>		
<code>/api/v{version}/events/{id}</code>	<a href="#">GET</a>	Queries an audit event
<code>/api/v{version}/events</code>	<a href="#">POST</a>	Retrieves audit events (with prefiltering)
<b>Identity</b>		
<code>/api/v{version}/identity/all</code>	<a href="#">DELETE</a>	Revokes Cygna identity settings
<code>/api/v{version}/identity</code>	<a href="#">GET</a>	Retrieves Cygna identities
	<a href="#">POST</a>	Creates a new Cygna identity
<code>/api/v{version}/identity/{id}</code>	<a href="#">GET</a>	Queries Cygna identity details
	<a href="#">DELETE</a>	Removes a Cygna identity
	<a href="#">PUT</a>	Updates a Cygna identity
<code>/api/v{version}/identity/{identity}/accounts/{id}</code>	<a href="#">DELETE</a>	Disassociate a user with Cygna identity
<b>Delegation (users, roles, and permissions)</b>		
<code>/api/v{version}/delegation/permissions</code>	<a href="#">GET</a>	Retrieves permissions
<code>/api/v{version}/delegation/roles</code>	<a href="#">GET</a>	Retrieves roles
	<a href="#">POST</a>	Creates a role
	<a href="#">PUT</a>	Updates a role

ENDPOINT	METHOD	DESCRIPTION
<code>/api/v{version}/delegation/roles/{id}</code>	<a href="#">GET</a>	Queries role details
	<a href="#">DELETE</a>	Removes a role
<code>/api/v{version}/delegation/roles/accounts</code>	<a href="#">GET</a>	Retrieves accounts
<code>/api/v{version}/delegation/roles/{id}/accounts</code>	<a href="#">GET</a>	Retrieves accounts for a specific role
	<a href="#">POST</a>	Assigns a specific role to a user
<code>/api/v{version}/delegation/roles/{id}/accounts/{accountId}</code>	<a href="#">GET</a>	Queries a specific account details
	<a href="#">PUT</a>	Updates a user account
<code>/api/v{version}/delegation/roles/{roleId}/accounts/{accountId}</code>	<a href="#">DELETE</a>	Revokes a role assignment
<code>/api/v{version}/delegation/users</code>	<a href="#">GET</a>	Retrieves users with roles
	<a href="#">POST</a>	Creates a new user
<code>/api/v{version}/delegation/users/{id}</code>	<a href="#">DELETE</a>	Removes a user
	<a href="#">PUT</a>	Updates a user
<code>/api/v{version}/delegation/users/{id}/permissions</code>	<a href="#">GET</a>	Retrieves permissions for a specific user
<code>/api/v{version}/delegation/users/{id}/roles</code>	<a href="#">GET</a>	Retrieves roles for a specific user

 **Note:** If you are looking for endpoint descriptions or a complete object reference, go to [API Reference](#).

# API Reference

## Methods

### ADCollector

- [get /api/v{version}/collectors/activedirectory/collectors](#)
- [delete /api/v{version}/collectors/activedirectory/collectors/{id}](#)
- [get /api/v{version}/collectors/activedirectory/collectors/{id}](#)
- [post /api/v{version}/collectors/activedirectory/collectors](#)
- [put /api/v{version}/collectors/activedirectory/collectors](#)
- [post /api/v{version}/collectors/activedirectory/collectors/search/domaincontrollers](#)

### AttributeSearch

- [get /api/v{version}/collectors/activedirectory/attributes/search/displaynames](#)
- [get /api/v{version}/collectors/activedirectory/attributes/search](#)
- [get /api/v{version}/collectors/activedirectory/attributes/search/names](#)

### AuditorService

- [get /api/v{version}/system/config/service/all/status](#)
- [get /api/v{version}/system/config/service](#)
- [post /api/v{version}/system/config/service/{id}/restart](#)
- [post /api/v{version}/system/config/service/{id}/start](#)
- [get /api/v{version}/system/config/service/{id}/status](#)
- [post /api/v{version}/system/config/service/{id}/stop](#)
- [post /api/v{version}/system/config/service](#)
- [put /api/v{version}/system/config/service](#)

### Authorization

- [post /api/v{version}/auth/login](#)
- [post /api/v{version}/auth/login/refresh](#)

- [get /api/v{version}/auth/logout](#)

## Azure

- [delete /api/v{version}/collectors/azure/globalRateLimiting](#)
- [put /api/v{version}/collectors/azure/globalRateLimiting](#)
- [get /api/v{version}/collectors/azure/targets](#)
- [delete /api/v{version}/collectors/azure/targets/{id}](#)
- [get /api/v{version}/collectors/azure/targets/{id}](#)
- [put /api/v{version}/collectors/azure/targets/{id}](#)
- [post /api/v{version}/collectors/azure/targets](#)

## AzureBackup

- [get /api/v{version}/collectors/azure/snapshots](#)
- [get /api/v{version}/collectors/azure/snapshots/{snapshotId}](#)

## AzureObjects

- [get /api/v{version}/collectors/azure/objects/{guid}](#)

## Backup

- [get /api/v{version}/collectors/activedirectory/backups/{backupId}](#)
- [get /api/v{version}/collectors/activedirectory/backups/{backupId}/snapshots](#)
- [get /api/v{version}/collectors/activedirectory/backups/{backupId}/snapshots/{snapshotId}](#)
- [get /api/v{version}/collectors/activedirectory/backups](#)
- [get /api/v{version}/collectors/activedirectory/backups/snapshots](#)
- [get /api/v{version}/collectors/activedirectory/backups/snapshots/gpodiff](#)
- [get /api/v{version}/collectors/activedirectory/backups/snapshots/objects/time](#)
- [get /api/v{version}/collectors/activedirectory/backups/snapshots/{snapshotId}](#)

## Charts

- [get /api/v{version}/charts/builtin/{type}](#)

## CollectorStatusCheckConfiguration

- [get /api/v{version}/system/config/collectorStatusCheck](#)
- [put /api/v{version}/system/config/collectorStatusCheck](#)

## ConfigurationString

- [post /api/v{version}/system/config/databases](#)

## DataPurge

- [get /api/v{version}/datapurge/default](#)
- [delete /api/v{version}/datapurge](#)
- [get /api/v{version}/datapurge](#)
- [post /api/v{version}/datapurge](#)
- [put /api/v{version}/datapurge](#)

## Database

- [post /api/v{version}/setup/database/catalog](#)
- [put /api/v{version}/setup/database/catalog](#)
- [get /api/v{version}/setup/database/connection](#)
- [post /api/v{version}/setup/database/connection](#)
- [post /api/v{version}/setup/database/connection/test](#)
- [post /api/v{version}/setup/database/search/catalogs](#)
- [get /api/v{version}/setup/database/search/servers](#)
- [post /api/v{version}/setup/database/version](#)

## DatabaseConnector

- [post /api/v{version}/database/connectors/catalogs](#)
- [get /api/v{version}/database/connectors](#)
- [delete /api/v{version}/database/connectors/{id}](#)
- [get /api/v{version}/database/connectors/{id}](#)
- [put /api/v{version}/database/connectors/{id}](#)
- [post /api/v{version}/database/connectors/migrate](#)

- [post /api/v{version}/database/connectors](#)
- [post /api/v{version}/database/connectors/validate](#)

## [DelegatedResource](#)

- [get /api/v{version}/delegatedresources](#)
- [delete /api/v{version}/delegatedresources/{id}](#)
- [get /api/v{version}/delegatedresources/{id}](#)
- [put /api/v{version}/delegatedresources/{id}](#)
- [post /api/v{version}/delegatedresources](#)

## [DirectoryObject](#)

- [get /api/v{version}/collectors/activedirectory/objects/attributes](#)
- [get /api/v{version}/collectors/activedirectory/objects/browse](#)
- [get /api/v{version}/collectors/activedirectory/objects](#)
- [get /api/v{version}/collectors/activedirectory/objects/members](#)
- [get /api/v{version}/collectors/activedirectory/objects/membership](#)
- [get /api/v{version}/collectors/activedirectory/objects/{objectId}](#)
- [get /api/v{version}/collectors/activedirectory/objects/search](#)
- [get /api/v{version}/collectors/activedirectory/objects/security](#)
- [get /api/v{version}/collectors/activedirectory/search](#)

## [Domains](#)

- [post /api/v{version}/collectors/activedirectory/domains/configuration/export/{domainId}](#)
- [post /api/v{version}/collectors/activedirectory/domains/controllers/search](#)
- [get /api/v{version}/collectors/activedirectory/domains](#)
- [delete /api/v{version}/collectors/activedirectory/domains/{id}/controllers/all](#)
- [delete /api/v{version}/collectors/activedirectory/domains/{id}/controllers/{dcid}](#)
- [post /api/v{version}/collectors/activedirectory/domains/{id}/controllers/{dcid}/restart](#)

- [post /api/v{version}/collectors/activedirectory/domains/{id}/controllers/{dcid}/start](#)
- [post /api/v{version}/collectors/activedirectory/domains/{id}/controllers/{dcid}/stop](#)
- [delete /api/v{version}/collectors/activedirectory/domains/{id}/controllers](#)
- [get /api/v{version}/collectors/activedirectory/domains/{id}/controllers](#)
- [post /api/v{version}/collectors/activedirectory/domains/{id}/controllers](#)
- [put /api/v{version}/collectors/activedirectory/domains/{id}/controllers](#)
- [delete /api/v{version}/collectors/activedirectory/domains/{id}](#)
- [get /api/v{version}/collectors/activedirectory/domains/{id}](#)
- [put /api/v{version}/collectors/activedirectory/domains/{id}](#)
- [post /api/v{version}/collectors/activedirectory/domains](#)
- [post /api/v{version}/collectors/activedirectory/domains/search](#)

## Event

- [get /api/v{version}/events/{id}](#)
- [post /api/v{version}/events](#)

## FileSystem

- [put /api/v{version}/collectors/filesystem/delete/all](#)
- [put /api/v{version}/collectors/filesystem/delete](#)
- [get /api/v{version}/collectors/filesystem](#)
- [get /api/v{version}/collectors/filesystem/{id}](#)
- [post /api/v{version}/collectors/filesystem](#)
- [put /api/v{version}/collectors/filesystem](#)
- [put /api/v{version}/collectors/filesystem/restart](#)
- [post /api/v{version}/collectors/filesystem/search](#)
- [put /api/v{version}/collectors/filesystem/start](#)
- [put /api/v{version}/collectors/filesystem/stop](#)

## Filter

- [get /api/v{version}/collectors/filesystem/filters](#)
- [delete /api/v{version}/collectors/filesystem/filters/{id}](#)
- [get /api/v{version}/collectors/filesystem/filters/{id}](#)
- [put /api/v{version}/collectors/filesystem/filters/{id}](#)
- [post /api/v{version}/collectors/filesystem/filters](#)
- [post /api/v{version}/collectors/filesystem/filters/shares](#)

## HealthCheck

- [post /api/v{version}/healthcheck/all](#)
- [post /api/v{version}/healthcheck/{id}](#)
- [post /api/v{version}/healthcheck/ping](#)

## IIS

- [get /api/v{version}/setup/iis/applicationpools/current](#)
- [put /api/v{version}/setup/iis/applicationpools/current/identity](#)
- [post /api/v{version}/setup/iis/applicationpools/current](#)
- [put /api/v{version}/setup/iis/applicationpools/current](#)
- [post /api/v{version}/setup/iis/applicationpools/current/recycle](#)
- [get /api/v{version}/setup/iis/applicationpools](#)

## Identity

- [delete /api/v{version}/identity/all](#)
- [get /api/v{version}/identity](#)
- [delete /api/v{version}/identity/{id}](#)
- [get /api/v{version}/identity/{id}](#)
- [put /api/v{version}/identity/{id}](#)
- [delete /api/v{version}/identity/{identity}/accounts/{id}](#)
- [post /api/v{version}/identity](#)

## License

- [delete /api/v{version}/system/config/license](#)
- [get /api/v{version}/system/config/license](#)
- [post /api/v{version}/system/config/license](#)
- [get /api/v{version}/system/config/license/status](#)
- [post /api/v{version}/system/config/license/verify](#)

## Log

- [get /api/v{version}/system/log/config](#)
- [post /api/v{version}/system/log](#)

## Logging

- [delete /api/v{version}/system/config/logging](#)
- [get /api/v{version}/system/config/logging](#)
- [post /api/v{version}/system/config/logging](#)
- [put /api/v{version}/system/config/logging](#)

## Office365

- [put /api/v{version}/collectors/o365/refreshLicense](#)
- [get /api/v{version}/collectors/o365/teams/channels](#)
- [get /api/v{version}/collectors/o365/teams/{searchString}/channels](#)
- [get /api/v{version}/collectors/o365/tenants](#)
- [delete /api/v{version}/collectors/o365/tenants/{id}](#)
- [get /api/v{version}/collectors/o365/tenants/{id}](#)
- [put /api/v{version}/collectors/o365/tenants/{id}](#)
- [post /api/v{version}/collectors/o365/tenants](#)
- [get /api/v{version}/collectors/o365/tenants/precursor](#)
- [get /api/v{version}/collectors/o365/verify](#)

## Permission

- [get /api/v{version}/delegation/permissions](#)

## Profile

- [get /api/v{version}/collectors/activedirectory/profile](#)

## Protection

- [delete /api/v{version}/protector/domain/{domainId}/policies](#)
- [get /api/v{version}/protector/domain/{domainId}/policies](#)
- [post /api/v{version}/protector/domain/policies/export/{domainId}](#)
- [get /api/v{version}/protector/domain/policies](#)
- [delete /api/v{version}/protector/domain/policies/{policyId}](#)
- [get /api/v{version}/protector/domain/policies/{policyId}](#)
- [post /api/v{version}/protector/domain/policies](#)
- [put /api/v{version}/protector/policies](#)
- [get /api/v{version}/protector/rules](#)
- [post /api/v{version}/protector/rules](#)
- [put /api/v{version}/protector/rules](#)
- [delete /api/v{version}/protector/rules/{ruleId}](#)
- [get /api/v{version}/protector/rules/{ruleId}](#)

## Proxy

- [post /api/v{version}/system/config/proxy/delete](#)
- [get /api/v{version}/system/config/proxy](#)
- [post /api/v{version}/system/config/proxy](#)
- [put /api/v{version}/system/config/proxy](#)
- [get /api/v{version}/system/config/proxy/status](#)
- [post /api/v{version}/system/config/proxy/test](#)
- [post /api/v{version}/system/config/proxy/verify](#)

## Recovery

- [get /api/v{version}/collectors/activedirectory/recovery](#)
- [post /api/v{version}/collectors/activedirectory/recovery/password](#)
- [post /api/v{version}/collectors/activedirectory/recovery](#)

## RemoteLoggerConfiguration

- [delete /api/v{version}/system/config/remotelogger](#)
- [get /api/v{version}/system/config/remotelogger](#)
- [post /api/v{version}/system/config/remotelogger](#)
- [put /api/v{version}/system/config/remotelogger](#)

## Report

- [get /api/v{version}/reports/EventColumnsAlpha](#)
- [get /api/v{version}/reports/EventColumns](#)
- [post /api/v{version}/reports/export](#)
- [get /api/v{version}/reports](#)
- [delete /api/v{version}/reports/{id}](#)
- [get /api/v{version}/reports/{id}](#)
- [put /api/v{version}/reports/{id}](#)
- [post /api/v{version}/reports/{id}/tags](#)
- [post /api/v{version}/reports](#)

## ReportStyling

- [get /api/v{version}/reportstylings](#)
- [post /api/v{version}/reportstylings](#)

## Role

- [get /api/v{version}/delegation/roles/accounts](#)
- [get /api/v{version}/delegation/roles](#)
- [get /api/v{version}/delegation/roles/{id}/accounts/{accountId}](#)
- [put /api/v{version}/delegation/roles/{id}/accounts/{accountId}](#)
- [get /api/v{version}/delegation/roles/{id}/accounts](#)
- [post /api/v{version}/delegation/roles/{id}/accounts](#)
- [delete /api/v{version}/delegation/roles/{id}](#)
- [get /api/v{version}/delegation/roles/{id}](#)
- [post /api/v{version}/delegation/roles](#)

- [put /api/v{version}/delegation/roles](#)
- [delete /api/v{version}/delegation/roles/{roleId}/accounts/{accountId}](#)

## ScheduledJob

- [get /api/v{version}/scheduledjobs](#)
- [delete /api/v{version}/scheduledjobs/{id}](#)
- [get /api/v{version}/scheduledjobs/{id}](#)
- [put /api/v{version}/scheduledjobs/{id}](#)
- [post /api/v{version}/scheduledjobs](#)

## Scheduler

- [get /api/v{version}/system/config/scheduler](#)
- [put /api/v{version}/system/config/scheduler](#)

## Search

- [get /api/v{version}/search](#)

## ServiceCommand

- [post /api/v{version}/servicecommand](#)

## Setup

- [post /api/v{version}/setup/finalize](#)

## Smtplib

- [delete /api/v{version}/system/config/smtplib](#)
- [get /api/v{version}/system/config/smtplib](#)
- [post /api/v{version}/system/config/smtplib](#)
- [put /api/v{version}/system/config/smtplib](#)
- [get /api/v{version}/system/config/smtplib/status](#)
- [post /api/v{version}/system/config/smtplib/test](#)

## System

- [get /api/v{version}/system/about](#)
- [get /api/v{version}/system/status](#)

## SystemConfiguration

- [delete /api/v{version}/system/config/{id}](#)
- [get /api/v{version}/system/config/{id}](#)
- [post /api/v{version}/system/config](#)
- [put /api/v{version}/system/config](#)
- [get /api/v{version}/system/config/status](#)
- [post /api/v{version}/system/config/test](#)
- [post /api/v{version}/system/config/validate](#)

## Tag

- [post /api/v{version}/tags/context/{context}](#)
- [get /api/v{version}/tags/contextual](#)
- [get /api/v{version}/tags](#)
- [delete /api/v{version}/tags/{id}](#)
- [get /api/v{version}/tags/{id}](#)
- [put /api/v{version}/tags/{id}](#)
- [post /api/v{version}/tags](#)

## User

- [get /api/v{version}/delegation/users](#)
- [delete /api/v{version}/delegation/users/{id}](#)
- [get /api/v{version}/delegation/users/{id}/permissions](#)
- [put /api/v{version}/delegation/users/{id}](#)
- [get /api/v{version}/delegation/users/{id}/roles](#)
- [post /api/v{version}/delegation/users](#)
- [post /api/v{version}/user/credentials/verify](#)

- [get /api/v{version}/user/search/activedirectory](#)
- [get /api/v{version}/user/search](#)

## UserConfiguration

- [delete /api/v{version}/user/config](#)
- [post /api/v{version}/user/config/delete](#)
- [get /api/v{version}/user/config](#)
- [post /api/v{version}/user/config](#)
- [put /api/v{version}/user/config](#)

## VMWare

- [get /api/v{version}/collectors/vmware/servers](#)
- [delete /api/v{version}/collectors/vmware/servers/{id}](#)
- [get /api/v{version}/collectors/vmware/servers/{id}](#)
- [put /api/v{version}/collectors/vmware/servers/{id}](#)
- [post /api/v{version}/collectors/vmware/servers](#)

# ADCollector

## [Up](#)

```
get /api/v{version}/collectors/activedirectory/collectors
```

```
(apiVversionCollectorsActivedirectoryCollectorsGet)
```

## Path parameters

version (required)

Path Parameter –

## Return type

[ADBackupConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "domainController" : "domainController",
  "backupPassword" : "backupPassword",
  "backupCollectionInterval" : 6,
  "description" : "description",
  "dnsName" : "dnsName",
  "namingContext" : 1,
  "backupCredentials" : {
    "password" : "password",
    "username" : "username"
  },
  "backupAccountName" : "backupAccountName",
  "enabled" : true,
  "scope" : 5,
  "name" : "name",
  "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "customDN" : "customDN",
  "id" : 0,
  "fullBackup" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`

- `text/json`

## Responses

200

Success [ADBackupConfiguration](#)

---

### [Up](#)

delete `/api/v{version}/collectors/activedirectory/collectors/{id}`

(`apiVversionCollectorsActivedirectoryCollectorsIdDelete`)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

[Up](#)

```
get /api/v{version}/collectors/activedirectory/collectors/{id}
```

(apiVversionCollectorsActivedirectoryCollectorsIdGet)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Responses

200

Success

---

[Up](#)

```
post /api/v{version}/collectors/activedirectory/collectors
```

(apiVversionCollectorsActivedirectoryCollectorsPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ADBackupConfiguration](#) (optional)

Body Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

### [Up](#)

```
put /api/v{version}/collectors/activedirectory/collectors
```

(apiVversionCollectorsActivedirectoryCollectorsPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ADBackupConfiguration](#) (optional)

Body Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

### [Up](#)

```
post /api/v{version}/-
collectors/activedirectory/collectors/search/domaincontrollers
```

(apiVversionCollectorsActivedirectoryCollectorsSearchDomaincontrollersPost)

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DomainControllerSearch](#) (optional)  
Body Parameter –

## Return type

[DomainController](#)

## Example data

Content-Type: application/json

```
{
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "statusMessage" : "statusMessage",
  "enabled" : true,
  "sid" : "sid",
  "netBiosName" : "netBiosName",
  "hasAgent" : true,
  "osVersion" : "osVersion",
  "domain" : "domain",
  "name" : "name",
  "agentVersion" : "agentVersion",
  "id" : 6,
  "upgradeRequired" : true,
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DomainController](#)

---

# AttributeSearch

## [Up](#)

```
get /api/v{version}/collectors/activedirectory/attributes/search/displaynames
```

(apiVversionCollectorsActivedirectoryAttributesSearchDisplaynamesGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

limit (optional)

Query Parameter – default: 0 format: int32

displayname (optional)

Query Parameter –

## Return type

array[String]

## Example data

Content-Type: application/json

```
[ "", "" ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success

## Up

get /api/v{version}/collectors/activedirectory/attributes/search

(apiVversionCollectorsActivedirectoryAttributesSearchGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

limit (optional)

Query Parameter – format: int32

name (optional)

Query Parameter –

displayname (optional)

Query Parameter –

isClass (optional)

Query Parameter – default: false

## Return type

array[[ActiveDirectoryAttribute](#)]

## Example data

Content-Type: application/json

```
[ {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
}, {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
```

```
"displayName" : "displayName",
"schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"values" : [ "", "" ],
"name" : "name",
"aDsType" : 6,
"id" : 0,
"isOID" : true,
"syntaxOID" : "syntaxOID"
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success

---

### [Up](#)

```
get /api/v{version}/collectors/activedirectory/attributes/search/names
```

(apiVversionCollectorsActivedirectoryAttributesSearchNamesGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

limit (optional)

Query Parameter – default: 0 format: int32

name (optional)

Query Parameter –

## Return type

array[String]

## Example data

Content-Type: application/json

```
[ "", "" ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success

---

# AuditorService

## [Up](#)

```
get /api/v{version}/system/config/service/all/status
```

(apiVversionSystemConfigServiceAllStatusGet)

## Path parameters

version (required)

Path Parameter –

## Return type

array[[CygnaAuditorService](#)]

## Example data

Content-Type: application/json

```
[ {
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serviceDisplayName" : "serviceDisplayName",
  "serviceName" : "serviceName",
  "status" : 0
}, {
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serviceDisplayName" : "serviceDisplayName",
  "serviceName" : "serviceName",
  "status" : 0
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

## Up

```
get /api/v{version}/system/config/service
```

(apiVversionSystemConfigServiceGet)

## Path parameters

version (required)

Path Parameter –

## Return type

[ServiceConfigurationWeb](#)

## Example data

Content-Type: application/json

```
{
  "serviceSocket" : {
    "encrypted" : true,
    "port" : 6,
    "serverAddress" : "serverAddress",
    "type" : 0
  },
  "userCredentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isRunAsLocalSystem" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ServiceConfigurationWeb](#)

[Up](#)

```
post /api/v{version}/system/config/service/{id}/restart
```

(apiVversionSystemConfigServiceIdRestartPost)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

### [CygnaAuditorService](#)

## Example data

Content-Type: application/json

```
{
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serviceDisplayName" : "serviceDisplayName",
  "serviceName" : "serviceName",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygnaAuditorService](#)

---

[Up](#)

```
post /api/v{version}/system/config/service/{id}/start
```

(apiVversionSystemConfigServiceIdStartPost)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

[CygnaAuditorService](#)

## Example data

Content-Type: application/json

```
{
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serviceDisplayName" : "serviceDisplayName",
  "serviceName" : "serviceName",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygnaAuditorService](#)

---

### [Up](#)

get /api/v{version}/system/config/service/{id}/status

(apiVversionSystemConfigServiceIdStatusGet)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

[CygnaAuditorService](#)

## Example data

Content-Type: application/json

```
{
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serviceDisplayName" : "serviceDisplayName",
  "serviceName" : "serviceName",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygnaAuditorService](#)

---

[Up](#)

```
post /api/v{version}/system/config/service/{id}/stop
```

(apiVversionSystemConfigServiceIdStopPost)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)  
Path Parameter –

## Return type

[CygnaAuditorService](#)

## Example data

Content-Type: application/json

```
{
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serviceDisplayName" : "serviceDisplayName",
  "serviceName" : "serviceName",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [CygnaAuditorService](#)

---

### [Up](#)

```
post /api/v{version}/system/config/service
```

(apiVversionSystemConfigServicePost)

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ServiceConfigurationWeb](#) (optional)

Body Parameter –

## Return type

[ServiceConfigurationWeb](#)

## Example data

Content-Type: application/json

```
{
  "serviceSocket" : {
    "encrypted" : true,
    "port" : 6,
    "serverAddress" : "serverAddress",
    "type" : 0
  },
  "userCredentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isRunAsLocalSystem" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ServiceConfigurationWeb](#)

## [Up](#)

```
put /api/v{version}/system/config/service
```

(apiVversionSystemConfigServicePut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ServiceConfigurationWeb](#) (optional)

Body Parameter –

## Return type

[ServiceConfigurationWeb](#)

## Example data

Content-Type: application/json

```
{
  "serviceSocket" : {
    "encrypted" : true,
    "port" : 6,
    "serverAddress" : "serverAddress",
    "type" : 0
  },
  "userCredentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isRunAsLocalSystem" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ServiceConfigurationWeb](#)

---

# Authorization

## [Up](#)

```
post /api/v{version}/auth/login
```

(apiVversionAuthLoginPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [UserProfile](#) (optional)

Body Parameter –

## Return type

### [UserProfile](#)

## Example data

Content-Type: application/json

```
{
  "password" : "password",
  "displayName" : "displayName",
  "userAccount" : "userAccount",
  "userSid" : "userSid",
  "userCid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "handle" : 3,
  "userDomain" : "userDomain",
  "userGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "user" : "user",
  "config" : {
```

```
"applicationTheme" : "applicationTheme",
"consoleOptions" : "consoleOptions",
"applicationSettings" : {
  "enableAutoSearch" : true,
  "reportEventLimit" : 9,
  "enableAuditPaging" : true,
  "rollbackLayout" : [ null, null ],
  "auditEventLimit" : 7,
  "auditingLayout" : [ {
    "isIntersecting" : true,
    "hover" : {
      "addAction" : 5,
      "removeAction" : 2,
      "field" : "field",
      "position" : "position"
    },
    "visible" : true,
    "sources" : [ 0, 0 ],
    "isMetaEventColumn" : true,
    "name" : "name",
    "width" : {
      "default" : 1,
      "value" : 6,
      "minimum" : 5
    },
    "header" : "header",
    "position" : "position",
    "type" : "type"
  }, {
    "isIntersecting" : true,
    "hover" : {
      "addAction" : 5,
      "removeAction" : 2,
      "field" : "field",
      "position" : "position"
    },
    "visible" : true,
    "sources" : [ 0, 0 ],
    "isMetaEventColumn" : true,
    "name" : "name",
    "width" : {
      "default" : 1,
      "value" : 6,
      "minimum" : 5
    },
    "header" : "header",
    "position" : "position",
    "type" : "type"
  } ],
  "isSideMenuExpanded" : true
}
```

```
  },  
  "groupSids" : [ "groupSids", "groupSids" ],  
  "token" : "token"  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [UserProfile](#)

---

### [Up](#)

post `/api/v{version}/auth/login/refresh`

(`apiVversionAuthLoginRefreshPost`)

## Path parameters

version (required)

Path Parameter –

## Return type

String

## Example data

Content-Type: `application/json`

```
""
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [String](#)

---

[Up](#)

```
get /api/v{version}/auth/logout
```

(apiVversionAuthLogoutGet)

## Path parameters

version (required)

Path Parameter –

## Return type

Boolean

## Example data

Content-Type: application/json

```
true
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Boolean](#)



# Azure

## [Up](#)

delete /api/v{version}/collectors/azure/globalRateLimiting  
(apiVversionCollectorsAzureGlobalRateLimitingDelete)

## Path parameters

version (required)  
Path Parameter –

## Responses

200  
Success

---

## [Up](#)

put /api/v{version}/collectors/azure/globalRateLimiting  
(apiVversionCollectorsAzureGlobalRateLimitingPut)

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json-patch+json
- application/json
- text/json
- application/\*+json

## Request body

body [RequestLock](#) (optional)  
Body Parameter –

## Return type

[RequestLock](#)

## Example data

Content-Type: application/json

```
{  
  "maxLocks" : 0,  
  "enabled" : true  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [RequestLock](#)

---

### [Up](#)

```
get /api/v{version}/collectors/azure/targets
```

(apiVversionCollectorsAzureTargetsGet)

## Path parameters

version (required)  
Path Parameter –

## Return type

array[[Target](#)]

## Example data

Content-Type: application/json

```
[ {
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "displayName" : "displayName",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "tenantCode" : "tenantCode",
  "config" : {
    "parallelResourceResolutionRequests" : 2,
    "subscriptions" : [ "subscriptions", "subscriptions" ],
    "subscriptionResourceTypes" : [ "subscriptionResourceTypes", "sub-
subscriptionResourceTypes" ],
    "dataCollectionTimeout" : 1,
    "collectResourceData" : true,
    "collectAllSubscriptions" : true,
    "tenantActivityCollection" : true,
    "initialCollectionOffset" : 7,
    "activityLogCollectionSkew" : 5,
    "activityLogCollectionTimeout" : 5,
    "tenantResourceTypes" : [ "tenantResourceTypes", "tenantResourceTypes"
],
    "ignoredItems" : [ "ignoredItems", "ignoredItems" ],
    "ignoredOperations" : [ "ignoredOperations", "ignoredOperations" ],
    "ignoredStatuses" : [ "ignoredStatuses", "ignoredStatuses" ],
    "resolveConfigurationObjects" : true
  },
  "collectionInterval" : 9,
  "enabled" : true,
  "status" : 6
}, {
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "displayName" : "displayName",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "tenantCode" : "tenantCode",
  "config" : {
    "parallelResourceResolutionRequests" : 2,
    "subscriptions" : [ "subscriptions", "subscriptions" ],
    "subscriptionResourceTypes" : [ "subscriptionResourceTypes", "sub-
subscriptionResourceTypes" ],
    "dataCollectionTimeout" : 1,
    "collectResourceData" : true,
    "collectAllSubscriptions" : true,
    "tenantActivityCollection" : true,
    "initialCollectionOffset" : 7,
    "activityLogCollectionSkew" : 5,
    "activityLogCollectionTimeout" : 5,
    "tenantResourceTypes" : [ "tenantResourceTypes", "tenantResourceTypes"
],
    "ignoredItems" : [ "ignoredItems", "ignoredItems" ],
    "ignoredOperations" : [ "ignoredOperations", "ignoredOperations" ],
    "ignoredStatuses" : [ "ignoredStatuses", "ignoredStatuses" ],

```

```
"resolveConfigurationObjects" : true
},
"collectionInterval" : 9,
"enabled" : true,
"status" : 6
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

delete /api/v{version}/collectors/azure/targets/{id}

(apiVversionCollectorsAzureTargetsIdDelete)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
```

```
"status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

### [Up](#)

```
get /api/v{version}/collectors/azure/targets/{id}
```

(`apiVversionCollectorsAzureTargetsIdGet`)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

### [Target](#)

## Example data

Content-Type: application/json

```
{
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "displayName" : "displayName",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "tenantCode" : "tenantCode",
  "config" : {
    "parallelResourceResolutionRequests" : 2,

```

```

    "subscriptions" : [ "subscriptions", "subscriptions" ],
    "subscriptionResourceTypes" : [ "subscriptionResourceTypes", "sub-
scriptionResourceTypes" ],
    "dataCollectionTimeout" : 1,
    "collectResourceData" : true,
    "collectAllSubscriptions" : true,
    "tenantActivityCollection" : true,
    "initialCollectionOffset" : 7,
    "activityLogCollectionSkew" : 5,
    "activityLogCollectionTimeout" : 5,
    "tenantResourceTypes" : [ "tenantResourceTypes", "tenantResourceTypes"
],
    "ignoredItems" : [ "ignoredItems", "ignoredItems" ],
    "ignoredOperations" : [ "ignoredOperations", "ignoredOperations" ],
    "ignoredStatuses" : [ "ignoredStatuses", "ignoredStatuses" ],
    "resolveConfigurationObjects" : true
  },
  "collectionInterval" : 9,
  "enabled" : true,
  "status" : 6
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Target](#)

---

### Up

```
put /api/v{version}/collectors/azure/targets/{id}
```

(apiVversionCollectorsAzureTargetsIdPut)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

## Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [Target](#) (optional)

## Body Parameter –

## Return type

### [Target](#)

## Example data

Content-Type: application/json

```
{
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "displayName" : "displayName",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "tenantCode" : "tenantCode",
  "config" : {
    "parallelResourceResolutionRequests" : 2,
    "subscriptions" : [ "subscriptions", "subscriptions" ],
    "subscriptionResourceTypes" : [ "subscriptionResourceTypes", "sub-
subscriptionResourceTypes" ],
    "dataCollectionTimeout" : 1,
    "collectResourceData" : true,
    "collectAllSubscriptions" : true,
    "tenantActivityCollection" : true,
    "initialCollectionOffset" : 7,
    "activityLogCollectionSkew" : 5,
    "activityLogCollectionTimeout" : 5,
    "tenantResourceTypes" : [ "tenantResourceTypes", "tenantResourceTypes"
  ],
  "ignoredItems" : [ "ignoredItems", "ignoredItems" ],
  "ignoredOperations" : [ "ignoredOperations", "ignoredOperations" ],
  "ignoredStatuses" : [ "ignoredStatuses", "ignoredStatuses" ],
  "resolveConfigurationObjects" : true
}
```

```
},  
"collectionInterval" : 9,  
"enabled" : true,  
"status" : 6  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Target](#)

---

### [Up](#)

```
post /api/v{version}/collectors/azure/targets
```

(`apiVversionCollectorsAzureTargetsPost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [CreateTarget](#) (optional)

Body Parameter –

## Return type

### [Target](#)

## Example data

Content-Type: application/json

```
{
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "displayName" : "displayName",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "tenantCode" : "tenantCode",
  "config" : {
    "parallelResourceResolutionRequests" : 2,
    "subscriptions" : [ "subscriptions", "subscriptions" ],
    "subscriptionResourceTypes" : [ "subscriptionResourceTypes", "sub-
subscriptionResourceTypes" ],
    "dataCollectionTimeout" : 1,
    "collectResourceData" : true,
    "collectAllSubscriptions" : true,
    "tenantActivityCollection" : true,
    "initialCollectionOffset" : 7,
    "activityLogCollectionSkew" : 5,
    "activityLogCollectionTimeout" : 5,
    "tenantResourceTypes" : [ "tenantResourceTypes", "tenantResourceTypes"
],
    "ignoredItems" : [ "ignoredItems", "ignoredItems" ],
    "ignoredOperations" : [ "ignoredOperations", "ignoredOperations" ],
    "ignoredStatuses" : [ "ignoredStatuses", "ignoredStatuses" ],
    "resolveConfigurationObjects" : true
  },
  "collectionInterval" : 9,
  "enabled" : true,
  "status" : 6
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Target](#)

---

# AzureBackup

## [Up](#)

```
get /api/v{version}/collectors/azure/snapshots
```

Retrieve Azure Recovery object snapshots (apiVversionCollectorsAzureSnapshotsGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

guid (optional)

Query Parameter – Object GUID to use for filtering snapshots format: uuid

## Return type

array[[AzureSnapshot](#)]

## Example data

Content-Type: application/json

```
[ {
  "snapshotBinary" : "",
  "backupId" : 6,
  "id" : 0,
  "objectId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "snapshot" : "snapshot"
}, {
  "snapshotBinary" : "",
  "backupId" : 6,
  "id" : 0,
  "objectId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "snapshot" : "snapshot"
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`

- `text/json`

## Responses

200

A list of matching object snapshots

410

No matching object snapshots were found

---

### [Up](#)

```
get /api/v{version}/collectors/azure/snapshots/{snapshotId}
```

Retrieve a single Azure Recovery object snapshot (apiVversionCollectorsAzureSnapshotsSnapshotIdGet)

## Path parameters

snapshotId (required)

Path Parameter – Snapshot ID format: int32

version (required)

Path Parameter –

## Return type

### [AzureSnapshot](#)

## Example data

Content-Type: application/json

```
{
  "snapshotBinary" : "",
  "backupId" : 6,
  "id" : 0,
  "objectId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "snapshot" : "snapshot"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

A single Azure Recovery object snapshot [AzureSnapshot](#)

410

Snapshot was not found

---

# AzureObjects

## [Up](#)

```
get /api/v{version}/collectors/azure/objects/{guid}
```

Retrieve a single Azure Recovery object (apiVversionCollectorsAzureObjectsGuidGet)

## Path parameters

guid (required)

Path Parameter – Azure object GUID format: uuid

version (required)

Path Parameter –

## Return type

### [Object](#)

## Example data

Content-Type: application/json

```
{
  "deletedOn" : "2000-01-23T04:56:07.000+00:00",
  "tenantId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : "type",
  "createdOn" : "2000-01-23T04:56:07.000+00:00",
  "userPrincipalName" : "userPrincipalName"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

A single Azure Recovery object [Object](#)

410

Object was not found

---

# Backup

## [Up](#)

```
get /api/v{version}/collectors/activedirectory/backups/{backupId}
```

```
(apiVversionCollectorsActivedirectoryBackupsBackupIdGet)
```

## Path parameters

backupId (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

### [CollectorBackup](#)

## Example data

Content-Type: application/json

```
{
  "objectCount" : 6,
  "id" : 0,
  "source" : "source",
  "when" : "2000-01-23T04:56:07.000+00:00"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CollectorBackup](#)

---

[Up](#)

```
get /api/v{version}/collectors/activedirectory/backups/
{backupId}/snapshots
```

(apiVversionCollectorsActivedirectoryBackupsBackupIdSnapshotsGet)

## Path parameters

backupId (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Query parameters

objectGuid (optional)

Query Parameter – format: uuid

distinguishedName (optional)

Query Parameter –

## Return type

### [ObjectSnapshot](#)

## Example data

Content-Type: application/json

```
{
  "samType" : 1,
  "encodedData" : "encodedData",
  "adObject" : {
    "displayName" : "displayName",
    "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "objectClass" : "objectClass",
    "distinguishedName" : "distinguishedName",
    "objectSid" : "objectSid",
    "id" : 5
  },
  "domain" : "domain",
  "encodedAttributeCount" : 6,
  "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "eventTime" : "2000-01-23T04:56:07.000+00:00",
  "storageType" : 5,
  "attributes" : [ {
    "displayValue" : "displayValue",
    "name" : "name",
```

```
"value" : ""
}, {
  "displayValue" : "displayValue",
  "name" : "name",
  "value" : ""
} ],
"id" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ObjectSnapshot](#)

---

### [Up](#)

```
get /api/v{version}/collectors/activedirectory/backups/
{backupId}/snapshots/{snapshotId}
```

(apiVversionCollectorsActivedirectoryBackupsBackupIdSnapshotsSnapshotIdGet)

## Path parameters

backupId (required)

Path Parameter – format: int32

snapshotId (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[ObjectSnapshot](#)

## Example data

Content-Type: application/json

```
{
  "samType" : 1,
  "encodedData" : "encodedData",
  "adObject" : {
    "displayName" : "displayName",
    "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "objectClass" : "objectClass",
    "distinguishedName" : "distinguishedName",
    "objectSid" : "objectSid",
    "id" : 5
  },
  "domain" : "domain",
  "encodedAttributeCount" : 6,
  "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "eventTime" : "2000-01-23T04:56:07.000+00:00",
  "storageType" : 5,
  "attributes" : [ {
    "displayValue" : "displayValue",
    "name" : "name",
    "value" : ""
  }, {
    "displayValue" : "displayValue",
    "name" : "name",
    "value" : ""
  } ],
  "id" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ObjectSnapshot](#)

### [Up](#)

get /api/v{version}/collectors/activedirectory/backups

(apiVversionCollectorsActivedirectoryBackupsGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

objectGuid (optional)

Query Parameter – format: uuid

objectId (optional)

Query Parameter – format: int32

distinguishedName (optional)

Query Parameter –

limit (optional)

Query Parameter – default: 0 format: int32

maxDate (optional)

Query Parameter – format: date-time

## Return type

array[[CollectorBackup](#)]

## Example data

Content-Type: application/json

```
[ {
  "objectCount" : 6,
  "id" : 0,
  "source" : "source",
  "when" : "2000-01-23T04:56:07.000+00:00"
}, {
  "objectCount" : 6,
  "id" : 0,
  "source" : "source",
  "when" : "2000-01-23T04:56:07.000+00:00"
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success

---

[Up](#)

get /api/v{version}/collectors/activedirectory/backups/snapshots

(apiVversionCollectorsActivedirectoryBackupsSnapshotsGet)

### Path parameters

version (required)

Path Parameter –

### Query parameters

objectGuid (optional)

Query Parameter – format: uuid

objectId (optional)

Query Parameter – format: int32

limit (optional)

Query Parameter – default: 0 format: int32

maxDate (optional)

Query Parameter – format: date-time

includeObjectInfo (optional)

Query Parameter – default: false

### Return type

array[[ObjectSnapshot](#)]

### Example data

Content-Type: application/json

```
[ {
  "samType" : 1,
  "encodedData" : "encodedData",
  "adObject" : {
    "displayName" : "displayName",
    "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "objectClass" : "objectClass",
    "distinguishedName" : "distinguishedName",
```

```

    "objectSid" : "objectSid",
    "id" : 5
  },
  "domain" : "domain",
  "encodedAttributeCount" : 6,
  "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "eventTime" : "2000-01-23T04:56:07.000+00:00",
  "storageType" : 5,
  "attributes" : [ {
    "displayValue" : "displayValue",
    "name" : "name",
    "value" : ""
  }, {
    "displayValue" : "displayValue",
    "name" : "name",
    "value" : ""
  } ],
  "id" : 0
}, {
  "samType" : 1,
  "encodedData" : "encodedData",
  "adObject" : {
    "displayName" : "displayName",
    "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "objectClass" : "objectClass",
    "distinguishedName" : "distinguishedName",
    "objectSid" : "objectSid",
    "id" : 5
  },
  "domain" : "domain",
  "encodedAttributeCount" : 6,
  "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "eventTime" : "2000-01-23T04:56:07.000+00:00",
  "storageType" : 5,
  "attributes" : [ {
    "displayValue" : "displayValue",
    "name" : "name",
    "value" : ""
  }, {
    "displayValue" : "displayValue",
    "name" : "name",
    "value" : ""
  } ],
  "id" : 0
} ]

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

[Up](#)

```
get /api/v{version}/collectors/activedirectory/backups/snapshots/gpodiff
```

(`apiVversionCollectorsActivedirectoryBackupsSnapshotsGpodiffGet`)

## Path parameters

version (required)

Path Parameter –

## Query parameters

backupGuidLeft (optional)

Query Parameter – format: uuid

backupGuidRight (optional)

Query Parameter – format: uuid

## Return type

array[[GpoChange](#)]

## Example data

Content-Type: application/json

```
[ {  
  "explain" : "explain",  
  "newValue" : "newValue",  
  "name" : "name",  
  "attributeName" : "attributeName",  
  "state" : "state",  
  "oldValue" : "oldValue",  
  "category" : "category",
```

```
"supported" : "supported"
}, {
  "explain" : "explain",
  "newValue" : "newValue",
  "name" : "name",
  "attributeName" : "attributeName",
  "state" : "state",
  "oldValue" : "oldValue",
  "category" : "category",
  "supported" : "supported"
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

```
get /api/v{version}/collectors/activedirectory/backups/snapshots/objects/time
```

(apiVversionCollectorsActivedirectoryBackupsSnapshotsObjectsTimeGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

objectGuid (optional)

Query Parameter – format: uuid

time (optional)

Query Parameter – format: date-time

utc (optional)

Query Parameter – default: false

## Return type

[ObjectSnapshot](#)

## Example data

Content-Type: application/json

```
{
  "samType" : 1,
  "encodedData" : "encodedData",
  "adObject" : {
    "displayName" : "displayName",
    "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "objectClass" : "objectClass",
    "distinguishedName" : "distinguishedName",
    "objectSid" : "objectSid",
    "id" : 5
  },
  "domain" : "domain",
  "encodedAttributeCount" : 6,
  "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "eventTime" : "2000-01-23T04:56:07.000+00:00",
  "storageType" : 5,
  "attributes" : [ {
    "displayValue" : "displayValue",
    "name" : "name",
    "value" : ""
  }, {
    "displayValue" : "displayValue",
    "name" : "name",
    "value" : ""
  } ],
  "id" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ObjectSnapshot](#)

[Up](#)

```
get /api/v{version}/collectors/activedirectory/backups/snapshots/
{snapshotId}
```

(apiVversionCollectorsActivedirectoryBackupsSnapshotsSnapshotIdGet)

## Path parameters

snapshotId (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Query parameters

storageType (optional)

Query Parameter – 0 = Unknown, 1 = Active Directory, 2 = Group Policy Container, 3 = Max Value

## Return type

### [ObjectSnapshot](#)

## Example data

Content-Type: application/json

```
{
  "samType" : 1,
  "encodedData" : "encodedData",
  "adObject" : {
    "displayName" : "displayName",
    "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "objectClass" : "objectClass",
    "distinguishedName" : "distinguishedName",
    "objectSid" : "objectSid",
    "id" : 5
  },
  "domain" : "domain",
  "encodedAttributeCount" : 6,
  "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "eventTime" : "2000-01-23T04:56:07.000+00:00",
  "storageType" : 5,
  "attributes" : [ {
    "displayValue" : "displayValue",
    "name" : "name",
    "value" : ""
  }
]
```

```
    }, {  
      "displayValue" : "displayValue",  
      "name" : "name",  
      "value" : ""  
    } ],  
    "id" : 0  
  }  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [ObjectSnapshot](#)

---

# Charts

## [Up](#)

```
get /api/v{version}/charts/builtin/{type}
```

(apiVversionChartsBuiltinTypeGet)

## Path parameters

type (required)

Path Parameter – 0 = Undefined, 1 = Events by Source, 2 = Top Users, 3 = Top Events, 4 = Events collected per day, 5 = Events per Minute, 6 = Top events per field

version (required)

Path Parameter –

## Query parameters

offset (optional)

Query Parameter – format: int32

## Return type

### [Chart](#)

## Example data

Content-Type: application/json

```
{
  "instanceId" : 0,
  "data" : "",
  "subTitleFormat" : "subTitleFormat",
  "name" : "name",
  "chartType" : "chartType",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "parameters" : [ {
    "hidden" : true,
    "defaultValue" : "defaultValue",
    "name" : "name",
    "description" : "description",
    "type" : "type",
    "value" : "value"
  }, {
    "hidden" : true,
    "defaultValue" : "defaultValue",
```

```
"name" : "name",  
"description" : "description",  
"type" : "type",  
"value" : "value"  
} ]  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Chart](#)

---

# CollectorStatusCheckConfiguration

[Up](#)

```
get /api/v{version}/system/config/collectorStatusCheck
```

```
(apiVversionSystemConfigCollectorStatusCheckGet)
```

## Path parameters

version (required)

Path Parameter –

## Return type

[CollectorStatusCheckConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "excludedCollectors" : [ {
    "configurationId" : 1,
    "type" : "type"
  }, {
    "configurationId" : 1,
    "type" : "type"
  } ],
  "interval" : 6,
  "excludedStatuses" : [ "excludedStatuses", "excludedStatuses" ],
  "state" : 5,
  "version" : 5,
  "directive" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [CollectorStatusCheckConfiguration](#)

---

### [Up](#)

```
put /api/v{version}/system/config/collectorStatusCheck
```

(apiVversionSystemConfigCollectorStatusCheckPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [CollectorStatusCheckConfiguration](#) (optional)

Body Parameter –

## Return type

[CollectorStatusCheckConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "excludedCollectors" : [ {
    "configurationId" : 1,
    "type" : "type"
  }, {
    "configurationId" : 1,
    "type" : "type"
  }
]
```

```
} ],  
"interval" : 6,  
"excludedStatuses" : [ "excludedStatuses", "excludedStatuses" ],  
"state" : 5,  
"version" : 5,  
"directive" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [CollectorStatusCheckConfiguration](#)

---

# ConfigurationString

## [Up](#)

```
post /api/v{version}/system/config/databases
```

(apiVversionSystemConfigDatabasesPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ConnectionString](#) (optional)

Body Parameter –

## Return type

[DatabaseList](#)

## Example data

Content-Type: application/json

```
{
  "databases" : [ "databases", "databases" ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`

- `text/json`

## Responses

200

Success [DatabaseList](#)

---

# DataPurge

## [Up](#)

```
get /api/v{version}/datapurge/default
```

(apiVversionDatapurgeDefaultGet)

## Path parameters

version (required)

Path Parameter –

## Return type

[ScheduledJobWeb](#)

## Example data

Content-Type: application/json

```
{
  "nextRunOn" : "2000-01-23T04:56:07.000+00:00",
  "timingInfo" : {
    "misfireRule" : 1,
    "type" : 6,
    "priority" : 5,
    "effectiveDates" : {
      "endAt" : "2000-01-23T04:56:07.000+00:00",
      "startAt" : "2000-01-23T04:56:07.000+00:00"
    }
  },
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "isEnabled" : true,
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "state" : 5,
  "type" : 0,
  "jobInfo" : { },
  "lastRunOn" : "2000-01-23T04:56:07.000+00:00"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ScheduledJobWeb](#)

---

[Up](#)

`delete /api/v{version}/datapurge`

(`apiVversionDatapurgeDelete`)

## Path parameters

version (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: `application/json`

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

[Up](#)

get /api/v{version}/datapurge

(apiVversionDatapurgeGet)

### Path parameters

version (required)

Path Parameter –

### Return type

[ScheduledJobWeb](#)

### Example data

Content-Type: application/json

```
{
  "nextRunOn" : "2000-01-23T04:56:07.000+00:00",
  "timingInfo" : {
    "misfireRule" : 1,
    "type" : 6,
    "priority" : 5,
    "effectiveDates" : {
      "endAt" : "2000-01-23T04:56:07.000+00:00",
      "startAt" : "2000-01-23T04:56:07.000+00:00"
    }
  },
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "isEnabled" : true,
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "state" : 5,
  "type" : 0,
  "jobInfo" : { },
  "lastRunOn" : "2000-01-23T04:56:07.000+00:00"
}
```

### Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ScheduledJobWeb](#)

---

### [Up](#)

post `/api/v{version}/datapurge`

(`apiVversionDatapurgePost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ScheduledJobWeb](#) (optional)

Body Parameter –

## Return type

[ScheduledJobWeb](#)

## Example data

Content-Type: `application/json`

```
{
  "nextRunOn" : "2000-01-23T04:56:07.000+00:00",
  "timingInfo" : {
    "misfireRule" : 1,
    "type" : 6,
    "priority" : 5,
    "effectiveDates" : {
      "endAt" : "2000-01-23T04:56:07.000+00:00",
      "startAt" : "2000-01-23T04:56:07.000+00:00"
    }
  },
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "isEnabled" : true,
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "state" : 5,
  "type" : 0,
  "jobInfo" : { },
  "lastRunOn" : "2000-01-23T04:56:07.000+00:00"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ScheduledJobWeb](#)

---

### [Up](#)

```
put /api/v{version}/datapurge
```

(apiVversionDatapurgePut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ScheduledJobWeb](#) (optional)

Body Parameter –

## Return type

[ScheduledJobWeb](#)

## Example data

Content-Type: application/json

```
{
  "nextRunOn" : "2000-01-23T04:56:07.000+00:00",
  "timingInfo" : {
    "misfireRule" : 1,
    "type" : 6,
    "priority" : 5,
    "effectiveDates" : {
      "endAt" : "2000-01-23T04:56:07.000+00:00",
      "startAt" : "2000-01-23T04:56:07.000+00:00"
    }
  },
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "isEnabled" : true,
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "state" : 5,
  "type" : 0,
  "jobInfo" : { },
  "lastRunOn" : "2000-01-23T04:56:07.000+00:00"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ScheduledJobWeb](#)

---

# Database

## [Up](#)

```
post /api/v{version}/setup/database/catalog
```

(apiVversionSetupDatabaseCatalogPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DatabaseSetup](#) (optional)

Body Parameter –

## Return type

### [DatabaseInfo](#)

## Example data

Content-Type: application/json

```
{
  "connectionString" : {
    "initialCatalog" : "initialCatalog",
    "credentials" : {
      "password" : "password",
      "username" : "username"
    },
    "useWindowsAuth" : true,
    "connectRetryCount" : 6,
    "connectRetryInterval" : 1,
    "dataSource" : "dataSource",
```

```
"connectionTimeout" : 0
},
"versionComparison" : {
  "requiredVersion" : {
    "appliedTime" : "2000-01-23T04:56:07.000+00:00",
    "build" : "build",
    "sqlSchema" : "sqlSchema"
  }
}
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DatabaseInfo](#)

---

### [Up](#)

```
put /api/v{version}/setup/database/catalog
```

(apiVversionSetupDatabaseCatalogPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DatabaseSetup](#) (optional)

Body Parameter –

## Return type

[DatabaseInfo](#)

## Example data

Content-Type: application/json

```
{
  "connectionString" : {
    "initialCatalog" : "initialCatalog",
    "credentials" : {
      "password" : "password",
      "username" : "username"
    },
    "useWindowsAuth" : true,
    "connectRetryCount" : 6,
    "connectRetryInterval" : 1,
    "dataSource" : "dataSource",
    "connectionTimeout" : 0
  },
  "versionComparison" : {
    "requiredVersion" : {
      "appliedTime" : "2000-01-23T04:56:07.000+00:00",
      "build" : "build",
      "sqlSchema" : "sqlSchema"
    }
  }
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [DatabaseInfo](#)

## [Up](#)

```
get /api/v{version}/setup/database/connection
```

```
(apiVversionSetupDatabaseConnectionGet)
```

## Path parameters

version (required)

Path Parameter –

## Return type

[ConnectionString](#)

## Example data

Content-Type: application/json

```
{
  "initialCatalog" : "initialCatalog",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "useWindowsAuth" : true,
  "connectRetryCount" : 6,
  "connectRetryInterval" : 1,
  "dataSource" : "dataSource",
  "connectionTimeout" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ConnectionString](#)

---

## [Up](#)

```
post /api/v{version}/setup/database/connection
```

(apiVversionSetupDatabaseConnectionPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DatabaseSetup](#) (optional)

Body Parameter –

## Responses

200

Success

---

## [Up](#)

```
post /api/v{version}/setup/database/connection/test
```

(apiVversionSetupDatabaseConnectionTestPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DatabaseSetup](#) (optional)

Body Parameter –

## Responses

200

Success

---

### [Up](#)

`post /api/v{version}/setup/database/search/catalogs`

(`apiVversionSetupDatabaseSearchCatalogsPost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ConnectionString](#) (optional)

Body Parameter –

## Return type

[DatabaseList](#)

## Example data

Content-Type: application/json

```
{  
  "databases" : [ "databases", "databases" ]  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DatabaseList](#)

---

### [Up](#)

```
get /api/v{version}/setup/database/search/servers
```

(apiVversionSetupDatabaseSearchServersGet)

## Path parameters

version (required)  
Path Parameter –

## Return type

[ServerList](#)

## Example data

Content-Type: application/json

```
{  
  "servers" : [ "servers", "servers" ]  
}
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ServerList](#)

---

### [Up](#)

post `/api/v{version}/setup/database/version`

(`apiVversionSetupDatabaseVersionPost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ConnectionString](#) (optional)

Body Parameter –

## Return type

[DatabaseVersionCompare](#)

## Example data

Content-Type: `application/json`

```
{
  "requiredVersion" : {
    "appliedTime" : "2000-01-23T04:56:07.000+00:00",
    "build" : "build",
    "sqlSchema" : "sqlSchema"
  }
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [DatabaseVersionCompare](#)

---

# DatabaseConnector

## [Up](#)

```
post /api/v{version}/database/connectors/catalogs
```

(apiVversionDatabaseConnectorsCatalogsPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DelegatedDatabaseConnector](#) (optional)

Body Parameter –

## Return type

### [DatabaseList](#)

## Example data

Content-Type: application/json

```
{
  "databases" : [ "databases", "databases" ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`

- `text/json`

## Responses

200

Success [DatabaseList](#)

---

### [Up](#)

`get /api/v{version}/database/connectors`

(`apiVversionDatabaseConnectorsGet`)

## Path parameters

version (required)

Path Parameter –

## Query parameters

isCoreConnectionToBeIncluded (optional)

Query Parameter – default: true

## Return type

array[[DelegatedDatabaseConnector](#)]

## Example data

Content-Type: application/json

```
[ {
  "connectionString" : "connectionString",
  "isReadOnly" : true,
  "delegatedResources" : [ {
    "resourceId" : "resourceId",
    "id" : 1,
    "accounts" : [ {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    }, {
      "isReadOnly" : true,
```

```
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
}, {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
} ],
"configuration" : {
  "initialCatalog" : "initialCatalog",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "useWindowsAuth" : true,
  "connectRetryCount" : 6,
  "connectRetryInterval" : 1,
  "dataSource" : "dataSource",
  "connectionTimeout" : 0
},
"isEnabled" : true,
"name" : "name",
"description" : "description",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"designation" : 6,
"type" : 0
}, {
  "connectionString" : "connectionString",
  "isReadOnly" : true,
  "delegatedResources" : [ {
    "resourceId" : "resourceId",
    "id" : 1,
```

```
"accounts" : [ {
  "isReadOnly" : true,
  "displayName" : "displayName",
  "domain" : "domain",
  "objectClass" : 5,
  "dn" : "dn",
  "sid" : "sid"
}, {
  "isReadOnly" : true,
  "displayName" : "displayName",
  "domain" : "domain",
  "objectClass" : 5,
  "dn" : "dn",
  "sid" : "sid"
} ],
"type" : 5
}, {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
} ],
"configuration" : {
  "initialCatalog" : "initialCatalog",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "useWindowsAuth" : true,
  "connectRetryCount" : 6,
  "connectRetryInterval" : 1,
  "dataSource" : "dataSource",
  "connectionTimeout" : 0
},
"isEnabled" : true,
"name" : "name",
"description" : "description",
```

```
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",  
"designation" : 6,  
"type" : 0  
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

```
delete /api/v{version}/database/connectors/{id}
```

(apiVversionDatabaseConnectorsIdDelete)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{  
  "isSuccessful" : true,  
  "message" : "message",  
  "status" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

### [Up](#)

```
get /api/v{version}/database/connectors/{id}
```

(apiVversionDatabaseConnectorsIdGet)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

[DelegatedDatabaseConnector](#)

## Example data

Content-Type: application/json

```
{
  "connectionString" : "connectionString",
  "isReadOnly" : true,
  "delegatedResources" : [ {
    "resourceId" : "resourceId",
    "id" : 1,
    "accounts" : [ {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,

```

```
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
}, {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
} ],
"configuration" : {
  "initialCatalog" : "initialCatalog",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "useWindowsAuth" : true,
  "connectRetryCount" : 6,
  "connectRetryInterval" : 1,
  "dataSource" : "dataSource",
  "connectionTimeout" : 0
},
"isEnabled" : true,
"name" : "name",
"description" : "description",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"designation" : 6,
"type" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DelegatedDatabaseConnector](#)

---

### [Up](#)

```
put /api/v{version}/database/connectors/{id}
```

(apiVversionDatabaseConnectorsIdPut)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DelegatedDatabaseConnector](#) (optional)

Body Parameter –

## Return type

[DelegatedDatabaseConnector](#)

## Example data

Content-Type: application/json

```
{
  "connectionString" : "connectionString",
  "isReadOnly" : true,
  "delegatedResources" : [ {
    "resourceId" : "resourceId",
    "id" : 1,
    "accounts" : [ {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    }, {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    } ],
    "type" : 5
  }, {
    "resourceId" : "resourceId",
    "id" : 1,
    "accounts" : [ {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    }, {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    } ],
    "type" : 5
  } ],
  "configuration" : {
    "initialCatalog" : "initialCatalog",
    "credentials" : {
      "password" : "password",
```

```
    "username" : "username"
  },
  "useWindowsAuth" : true,
  "connectRetryCount" : 6,
  "connectRetryInterval" : 1,
  "dataSource" : "dataSource",
  "connectionTimeout" : 0
},
"isEnabled" : true,
"name" : "name",
"description" : "description",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"designation" : 6,
"type" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DelegatedDatabaseConnector](#)

---

### [Up](#)

post /api/v{version}/database/connectors/migrate

(apiVversionDatabaseConnectorsMigratePost)

## Path parameters

version (required)

Path Parameter –

## Return type

[DelegatedDatabaseConnector](#)

## Example data

Content-Type: application/json

```
{
  "connectionString" : "connectionString",
  "isReadOnly" : true,
  "delegatedResources" : [ {
    "resourceId" : "resourceId",
    "id" : 1,
    "accounts" : [ {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    }, {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    } ],
    "type" : 5
  }, {
    "resourceId" : "resourceId",
    "id" : 1,
    "accounts" : [ {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    }, {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    } ],
    "type" : 5
  } ],
  "configuration" : {
    "initialCatalog" : "initialCatalog",
    "credentials" : {
      "password" : "password",
```

```
    "username" : "username"
  },
  "useWindowsAuth" : true,
  "connectRetryCount" : 6,
  "connectRetryInterval" : 1,
  "dataSource" : "dataSource",
  "connectionTimeout" : 0
},
"isEnabled" : true,
"name" : "name",
"description" : "description",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"designation" : 6,
"type" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DelegatedDatabaseConnector](#)

---

### [Up](#)

post /api/v{version}/database/connectors

(apiVversionDatabaseConnectorsPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`

- `text/json`
- `application/*+json`

## Request body

body [DelegatedDatabaseConnector](#) (optional)

Body Parameter –

## Return type

[DelegatedDatabaseConnector](#)

## Example data

Content-Type: `application/json`

```
{
  "connectionString" : "connectionString",
  "isReadOnly" : true,
  "delegatedResources" : [ {
    "resourceId" : "resourceId",
    "id" : 1,
    "accounts" : [ {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    }, {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    } ],
    "type" : 5
  }, {
    "resourceId" : "resourceId",
    "id" : 1,
    "accounts" : [ {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    } ]
  } ]
}
```

```
    }, {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    } ],
    "type" : 5
  } ],
  "configuration" : {
    "initialCatalog" : "initialCatalog",
    "credentials" : {
      "password" : "password",
      "username" : "username"
    },
    "useWindowsAuth" : true,
    "connectRetryCount" : 6,
    "connectRetryInterval" : 1,
    "dataSource" : "dataSource",
    "connectionTimeout" : 0
  },
  "isEnabled" : true,
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "designation" : 6,
  "type" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DelegatedDatabaseConnector](#)

---

### [Up](#)

```
post /api/v{version}/database/connectors/validate
```

(apiVversionDatabaseConnectorsValidatePost)

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DelegatedDatabaseConnector](#) (optional)  
Body Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

# DelegatedResource

## [Up](#)

```
get /api/v{version}/delegatedresources
```

(apiVversionDelegatedresourcesGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

type (optional)

Query Parameter – 0 = Undefined, 1 = Report, 2 = Report Tag, 3 = Report Type, 4 = Scheduled Job, 5 = Scheduled Job Tag, 6 = Scheduled Job Type, 7 = Database Connector

resourceId (optional)

Query Parameter –

## Return type

array[[DelegatedResourceX](#)]

## Example data

Content-Type: application/json

```
[ {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
}
```

```
"type" : 5
}, {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

```
delete /api/v{version}/delegatedresources/{id}
```

(`apiVversionDelegatedresourcesIdDelete`)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

## [Up](#)

```
get /api/v{version}/delegatedresources/{id}
```

(apiVversionDelegatedresourcesIdGet)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[DelegatedResourceX](#)

## Example data

Content-Type: application/json

```
{
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DelegatedResourceX](#)

---

### [Up](#)

```
put /api/v{version}/delegatedresources/{id}
```

(apiVversionDelegatedresourcesIdPut)

## Path parameters

id (required)

Path Parameter – format: int32  
version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DelegatedResourceX](#) (optional)  
Body Parameter –

## Return type

[DelegatedResourceX](#)

## Example data

Content-Type: application/json

```
{
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
}
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DelegatedResourceX](#)

---

### [Up](#)

post `/api/v{version}/delegatedresources`

(`apiVversionDelegatedresourcesPost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DelegatedResourceX](#) (optional)

Body Parameter –

## Return type

[DelegatedResourceX](#)

## Example data

Content-Type: `application/json`

```
{
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DelegatedResourceX](#)

---

# DirectoryObject

[Up](#)

```
get /api/v{version}/collectors/activedirectory/objects/attributes
```

(apiVversionCollectorsActivedirectoryObjectsAttributesGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

domain (optional)

Query Parameter –

objectGuid (optional)

Query Parameter – format: uuid

## Return type

[ActiveDirectoryAttributeData](#)

## Example data

Content-Type: application/json

```
{
  "name" : "name",
  "value" : ""
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ActiveDirectoryAttributeData](#)

[Up](#)

```
get /api/v{version}/collectors/activedirectory/objects/browse
```

```
(apiVversionCollectorsActivedirectoryObjectsBrowseGet)
```

## Path parameters

version (required)

Path Parameter –

## Query parameters

type (optional)

Query Parameter –

domain (optional)

Query Parameter – default: 1 format: int32

domainName (optional)

Query Parameter –

limit (optional)

Query Parameter – default: 0 format: int32

objectDN (optional)

Query Parameter – default: \*

objectGuid (optional)

Query Parameter – format: uuid

namingContext (optional)

Query Parameter – 0 = Default, 1 = Configuration, 2 = Schema, 3 = RootDSE, 4 = Custom

advanced (optional)

Query Parameter – default: false

## Return type

[ActiveDirectoryObject](#)

## Example data

Content-Type: application/json

```
{
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 1,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
```

```

"dn" : "dn",
"cn" : "cn",
"ldapName" : "ldapName",
"managerEmail" : "managerEmail",
"rawValues" : {
  "key" : [ "", "" ]
},
"domain" : "domain",
"objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"name" : "name",
"objectSid" : "objectSid",
"attributes" : [ {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
}, {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
} ],
"userPrincipalName" : "userPrincipalName",
"userAccountControl" : 0,
"pwdLastSet" : 6
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ActiveDirectoryObject](#)

---

### [Up](#)

```
get /api/v{version}/collectors/activedirectory/objects
```

```
(apiVversionCollectorsActivedirectoryObjectsGet)
```

## Path parameters

version (required)

Path Parameter –

## Query parameters

search (optional)

Query Parameter –

limit (optional)

Query Parameter – default: 50 format: int32

objectClass (optional)

Query Parameter – default: \*

objectGuid (optional)

Query Parameter – format: uuid

deletedFlag (optional)

Query Parameter – default: 0 format: int32

## Return type

[ActiveDirectoryObject](#)

## Example data

Content-Type: application/json

```
{
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 1,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
```

```

"description" : "description",
"dn" : "dn",
"cn" : "cn",
"ldapName" : "ldapName",
"managerEmail" : "managerEmail",
"rawValues" : {
  "key" : [ "", "" ]
},
"domain" : "domain",
"objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"name" : "name",
"objectSid" : "objectSid",
"attributes" : [ {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
}, {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
} ],
"userPrincipalName" : "userPrincipalName",
"userAccountControl" : 0,
"pwdLastSet" : 6
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`

- `text/json`

## Responses

200

Success [ActiveDirectoryObject](#)

---

### [Up](#)

```
get /api/v{version}/collectors/activedirectory/objects/members
```

(apiVversionCollectorsActivedirectoryObjectsMembersGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

domain (optional)

Query Parameter –

objectGuid (optional)

Query Parameter – format: uuid

expanded (optional)

Query Parameter – default: false

## Return type

[ActiveDirectoryObject](#)

## Example data

Content-Type: application/json

```
{
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 1,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
  "dn" : "dn",
  "cn" : "cn",
```

```

"ldapName" : "ldapName",
"managerEmail" : "managerEmail",
"rawValues" : {
  "key" : [ "", "" ]
},
"domain" : "domain",
"objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"name" : "name",
"objectSid" : "objectSid",
"attributes" : [ {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
}, {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
} ],
"userPrincipalName" : "userPrincipalName",
"userAccountControl" : 0,
"pwdLastSet" : 6
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [ActiveDirectoryObject](#)

---

[Up](#)

```
get /api/v{version}/collectors/activedirectory/objects/membership
```

```
(apiVversionCollectorsActivedirectoryObjectsMembershipGet)
```

## Path parameters

version (required)

Path Parameter –

## Query parameters

domain (optional)

Query Parameter –

objectGuid (optional)

Query Parameter – format: uuid

expanded (optional)

Query Parameter – default: false

## Return type

[ActiveDirectoryObject](#)

## Example data

Content-Type: application/json

```
{
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 1,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
  "dn" : "dn",
  "cn" : "cn",
  "ldapName" : "ldapName",
  "managerEmail" : "managerEmail",
```

```

"rawValues" : {
  "key" : [ "", "" ]
},
"domain" : "domain",
"objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"name" : "name",
"objectSid" : "objectSid",
"attributes" : [ {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
}, {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
} ],
"userPrincipalName" : "userPrincipalName",
"userAccountControl" : 0,
"pwdLastSet" : 6
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [ActiveDirectoryObject](#)

---

[Up](#)

```
get /api/v{version}/collectors/activedirectory/objects/{objectId}
```

```
(apiVversionCollectorsActivedirectoryObjectsObjectIdGet)
```

### Path parameters

objectId (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

### Query parameters

distinguishedName (optional)

Query Parameter –

### Return type

[ActiveDirectoryObject](#)

### Example data

Content-Type: application/json

```
{
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 1,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
  "dn" : "dn",
  "cn" : "cn",
  "ldapName" : "ldapName",
  "managerEmail" : "managerEmail",
  "rawValues" : {
    "key" : [ "", "" ]
  }
}
```

```

},
"domain" : "domain",
"objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"name" : "name",
"objectSid" : "objectSid",
"attributes" : [ {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
}, {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
} ],
"userPrincipalName" : "userPrincipalName",
"userAccountControl" : 0,
"pwdLastSet" : 6
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [ActiveDirectoryObject](#)

[Up](#)

```
get /api/v{version}/collectors/activedirectory/objects/search
```

```
(apiVversionCollectorsActivedirectoryObjectsSearchGet)
```

## Path parameters

version (required)

Path Parameter –

## Query parameters

search (optional)

Query Parameter –

limit (optional)

Query Parameter – default: 50 format: int32

objectClass (optional)

Query Parameter – default: \*

objectGuid (optional)

Query Parameter – format: uuid

deletedFlag (optional)

Query Parameter – default: 0 format: int32

## Return type

[ActiveDirectoryObject](#)

## Example data

Content-Type: application/json

```
{
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 1,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
  "dn" : "dn",
  "cn" : "cn",
  "ldapName" : "ldapName",
  "managerEmail" : "managerEmail",
  "rawValues" : {
    "key" : [ "", "" ]
  }
}
```

```

},
"domain" : "domain",
"objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"name" : "name",
"objectSid" : "objectSid",
"attributes" : [ {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
}, {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
} ],
"userPrincipalName" : "userPrincipalName",
"userAccountControl" : 0,
"pwdLastSet" : 6
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [ActiveDirectoryObject](#)

[Up](#)

```
get /api/v{version}/collectors/activedirectory/objects/security
```

```
(apiVversionCollectorsActivedirectoryObjectsSecurityGet)
```

## Path parameters

version (required)

Path Parameter –

## Query parameters

domain (optional)

Query Parameter –

objectGuid (optional)

Query Parameter – format: uuid

## Return type

[ActiveDirectorySecurityDescriptor](#)

## Example data

Content-Type: application/json

```
{
  "discretionaryAccessControlList" : [ {
    "inheritedTypeGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "aceMask" : "aceMask",
    "objectAce" : true,
    "aceFlags" : "aceFlags",
    "accessMask" : 6,
    "objectTypeGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritedType" : "inheritedType",
    "type" : "type",
    "account" : "account",
    "sid" : {
      "binaryLength" : 0,
      "value" : "value"
    },
    "objectType" : "objectType"
  }, {
    "inheritedTypeGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "aceMask" : "aceMask",
    "objectAce" : true,
    "aceFlags" : "aceFlags",
    "accessMask" : 6,
```

```
"objectTypeGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"inheritType" : "inheritType",
"type" : "type",
"account" : "account",
"sid" : {
  "binaryLength" : 0,
  "value" : "value"
},
"objectType" : "objectType"
} ],
"saclPresent" : true,
"daclPresent" : true,
"systemAccessControlList" : [ null, null ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ActiveDirectorySecurityDescriptor](#)

---

### [Up](#)

`get /api/v{version}/collectors/activedirectory/search`

(`apiVversionCollectorsActivedirectorySearchGet`)

## Path parameters

version (required)  
Path Parameter –

## Query parameters

searchString (optional)  
Query Parameter –  
objectType (optional)

Query Parameter – 1 = Local Users, 2 = Local Groups, 4 = Domain Users, 8 = Domain Groups, 16 = Computers, 32 = Domain Controllers, 64 = Exchange Servers, 128 = Sql Servers, 256 = Containers, 512 = Organizational Units

domainId (optional)

Query Parameter – format: int32

limit (optional)

Query Parameter – default: 50 format: int32

## Return type

array[[ActiveDirectoryObject](#)]

## Example data

Content-Type: application/json

```
[ {
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 1,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
  "dn" : "dn",
  "cn" : "cn",
  "ldapName" : "ldapName",
  "managerEmail" : "managerEmail",
  "rawValues" : {
    "key" : [ "", "" ]
  },
  "domain" : "domain",
  "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "name" : "name",
  "objectSid" : "objectSid",
  "attributes" : [ {
    "isClass" : true,
    "displayValue" : "displayValue",
    "linkId" : 1,
    "systemOnly" : true,
    "displayName" : "displayName",
    "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "values" : [ "", "" ],
    "name" : "name",
    "aDsType" : 6,
    "id" : 0,
    "isOID" : true,
    "syntaxOID" : "syntaxOID"
  }, {
```

```

    "isClass" : true,
    "displayValue" : "displayValue",
    "linkId" : 1,
    "systemOnly" : true,
    "displayName" : "displayName",
    "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "values" : [ "", "" ],
    "name" : "name",
    "aDsType" : 6,
    "id" : 0,
    "isOID" : true,
    "syntaxOID" : "syntaxOID"
  } ],
  "userPrincipalName" : "userPrincipalName",
  "userAccountControl" : 0,
  "pwdLastSet" : 6
}, {
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 1,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
  "dn" : "dn",
  "cn" : "cn",
  "ldapName" : "ldapName",
  "managerEmail" : "managerEmail",
  "rawValues" : {
    "key" : [ "", "" ]
  },
  "domain" : "domain",
  "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "name" : "name",
  "objectSid" : "objectSid",
  "attributes" : [ {
    "isClass" : true,
    "displayValue" : "displayValue",
    "linkId" : 1,
    "systemOnly" : true,
    "displayName" : "displayName",
    "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "values" : [ "", "" ],
    "name" : "name",
    "aDsType" : 6,
    "id" : 0,
    "isOID" : true,
    "syntaxOID" : "syntaxOID"
  } ], {
    "isClass" : true,

```

```
"displayValue" : "displayValue",
"linkId" : 1,
"systemOnly" : true,
"displayName" : "displayName",
"schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"values" : [ "", "" ],
"name" : "name",
"aDsType" : 6,
"id" : 0,
"isOID" : true,
"syntaxOID" : "syntaxOID"
} ],
"userPrincipalName" : "userPrincipalName",
"userAccountControl" : 0,
"pwdLastSet" : 6
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

# Domains

## [Up](#)

```
post /api/v{version}/collectors/activedirectory/domains/configuration/export/{domainId}
```

(apiVversionCollectorsActivedirectoryDomainsConfigurationExportDomainIdPost)

## Path parameters

domainId (required)  
Path Parameter – format: int32  
version (required)  
Path Parameter –

## Return type

byte[]

## Example data

Content-Type: application/json

```
""
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [byte\[\]](#)

---

## [Up](#)

```
post /api/v{version}/collectors/activedirectory/domains/controllers/search
```

(apiVversionCollectorsActivedirectoryDomainsControllersSearchPost)

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DomainSearch](#) (optional)  
Body Parameter –

## Return type

[DomainController](#)

## Example data

Content-Type: application/json

```
{
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "statusMessage" : "statusMessage",
  "enabled" : true,
  "sid" : "sid",
  "netBiosName" : "netBiosName",
  "hasAgent" : true,
  "osVersion" : "osVersion",
  "domain" : "domain",
  "name" : "name",
  "agentVersion" : "agentVersion",
  "id" : 6,
  "upgradeRequired" : true,
```

```
"status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DomainController](#)

---

### [Up](#)

```
get /api/v{version}/collectors/activedirectory/domains
```

```
(apiVversionCollectorsActivedirectoryDomainsGet)
```

## Path parameters

version (required)

Path Parameter –

## Query parameters

isDCListToBeIncluded (optional)

Query Parameter – default: false

hideDisabled (optional)

Query Parameter – default: true

## Return type

[DomainConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "accountName" : "accountName",
```

```
"backupPassword" : "backupPassword",
"flags" : 1,
"dnsName" : "dnsName",
"domainControllers" : [ {
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "statusMessage" : "statusMessage",
  "enabled" : true,
  "sid" : "sid",
  "netBiosName" : "netBiosName",
  "hasAgent" : true,
  "osVersion" : "osVersion",
  "domain" : "domain",
  "name" : "name",
  "agentVersion" : "agentVersion",
  "id" : 6,
  "upgradeRequired" : true,
  "status" : 0
}, {
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "statusMessage" : "statusMessage",
  "enabled" : true,
  "sid" : "sid",
  "netBiosName" : "netBiosName",
  "hasAgent" : true,
  "osVersion" : "osVersion",
  "domain" : "domain",
  "name" : "name",
  "agentVersion" : "agentVersion",
  "id" : 6,
  "upgradeRequired" : true,
  "status" : 0
} ],
"backupAccountName" : "backupAccountName",
"ncName" : "ncName",
"enabled" : true,
"parentDomain" : "parentDomain",
"dcAccountName" : "dcAccountName",
"dcPassword" : "dcPassword",
"password" : "password",
"statusDescription" : "statusDescription",
"netBiosName" : "netBiosName",
"localDcCollection" : true,
"agentConfiguration" : {
  "processNestedGroupUserMembers" : true,
  "processNestedGroupMembers" : true,
  "suppressNestedGroupEventData" : true,
  "enableGPOBackup" : true,
  "combineEventsDelay" : 5,
  "enableMissingGPOBackup" : true,
  "ignoreLogonEvents" : true,
  "workstationResolution" : true,
```

```

"combineEventsEnabled" : true,
"suppressNestedGroupEventBacklinks" : true,
"processNestedGroupUsers" : true,
"workstationReverseLookup" : true,
"nestedGroups" : [ {
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 3,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
  "dn" : "dn",
  "cn" : "cn",
  "ldapName" : "ldapName",
  "managerEmail" : "managerEmail",
  "domain" : "domain",
  "objectGuid" : "objectGuid",
  "name" : "name",
  "objectSid" : "objectSid",
  "attributes" : [ {
    "isClass" : true,
    "displayValue" : "displayValue",
    "linkId" : 1,
    "systemOnly" : true,
    "displayName" : "displayName",
    "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "values" : [ "", "" ],
    "name" : "name",
    "aDsType" : 6,
    "id" : 0,
    "isOID" : true,
    "syntaxOID" : "syntaxOID"
  }, {
    "isClass" : true,
    "displayValue" : "displayValue",
    "linkId" : 1,
    "systemOnly" : true,
    "displayName" : "displayName",
    "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "values" : [ "", "" ],
    "name" : "name",
    "aDsType" : 6,
    "id" : 0,
    "isOID" : true,
    "syntaxOID" : "syntaxOID"
  } ],
  "userPrincipalName" : "userPrincipalName",
  "userAccountControl" : 7,
  "pwdLastSet" : 9

```

```
    }, {
      "msdsPrincipalName" : "msdsPrincipalName",
      "presentationName" : "presentationName",
      "displayName" : "displayName",
      "accountExpires" : 3,
      "objectClass" : "objectClass",
      "samAccountName" : "samAccountName",
      "dnsName" : "dnsName",
      "description" : "description",
      "dn" : "dn",
      "cn" : "cn",
      "ldapName" : "ldapName",
      "managerEmail" : "managerEmail",
      "domain" : "domain",
      "objectGuid" : "objectGuid",
      "name" : "name",
      "objectSid" : "objectSid",
      "attributes" : [ {
        "isClass" : true,
        "displayValue" : "displayValue",
        "linkId" : 1,
        "systemOnly" : true,
        "displayName" : "displayName",
        "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "values" : [ "", "" ],
        "name" : "name",
        "aDsType" : 6,
        "id" : 0,
        "isOID" : true,
        "syntaxOID" : "syntaxOID"
      }, {
        "isClass" : true,
        "displayValue" : "displayValue",
        "linkId" : 1,
        "systemOnly" : true,
        "displayName" : "displayName",
        "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "values" : [ "", "" ],
        "name" : "name",
        "aDsType" : 6,
        "id" : 0,
        "isOID" : true,
        "syntaxOID" : "syntaxOID"
      } ],
      "userPrincipalName" : "userPrincipalName",
      "userAccountControl" : 7,
      "pwdLastSet" : 9
    } ],
    "logLevel" : 2,
    "processNestedGroups" : true,
    "excludedAttributes" : "excludedAttributes",
```

```
"ldapTimeout" : 2
},
"objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"id" : 0,
"collectionInterval" : 6,
"status" : 5
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DomainConfiguration](#)

---

### [Up](#)

```
delete /api/v{version}/collectors/activedirectory/domains/{id}/-
controllers/all
```

(`apiVversionCollectorsActivedirectoryDomainsIdControllersAllDelete`)

## Path parameters

Id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{  
  "isSuccessful" : true,  
  "message" : "message",  
  "status" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

### Up

```
delete /api/v{version}/collectors/activedirectory/domains/{id}/-  
controllers/{dcid}
```

(apiVversionCollectorsActivedirectoryDomainsIdControllersDcidDelete)

## Path parameters

Id (required)

Path Parameter – format: int32

Dcid (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{  
  "isSuccessful" : true,  
  "message" : "message",  
  "status" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

### [Up](#)

```
post /api/v{version}/collectors/activedirectory/domains/{id}/-  
controllers/{dcid}/restart
```

(apiVversionCollectorsActivedirectoryDomainsIdControllersDcidRestartPost)

## Path parameters

id (required)

Path Parameter – format: int32

dcid (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[DomainController](#)

## Example data

Content-Type: application/json

```
{
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "statusMessage" : "statusMessage",
  "enabled" : true,
  "sid" : "sid",
  "netBiosName" : "netBiosName",
  "hasAgent" : true,
  "osVersion" : "osVersion",
  "domain" : "domain",
  "name" : "name",
  "agentVersion" : "agentVersion",
  "id" : 6,
  "upgradeRequired" : true,
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DomainController](#)

---

### [Up](#)

```
post /api/v{version}/collectors/activedirectory/domains/{id}/-
controllers/{dcid}/start
```

(apiVversionCollectorsActivedirectoryDomainsIdControllersDcidStartPost)

## Path parameters

id (required)

Path Parameter – format: int32

dcid (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[DomainController](#)

## Example data

Content-Type: application/json

```
{
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "statusMessage" : "statusMessage",
  "enabled" : true,
  "sid" : "sid",
  "netBiosName" : "netBiosName",
  "hasAgent" : true,
  "osVersion" : "osVersion",
  "domain" : "domain",
  "name" : "name",
  "agentVersion" : "agentVersion",
  "id" : 6,
  "upgradeRequired" : true,
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [DomainController](#)

---

[Up](#)

```
post /api/v{version}/collectors/activedirectory/domains/{id}/-
controllers/{dcid}/stop
```

(apiVversionCollectorsActivedirectoryDomainsIdControllersDcidStopPost)

## Path parameters

id (required)

Path Parameter – format: int32

dclid (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[DomainController](#)

## Example data

Content-Type: application/json

```
{
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "statusMessage" : "statusMessage",
  "enabled" : true,
  "sid" : "sid",
  "netBiosName" : "netBiosName",
  "hasAgent" : true,
  "osVersion" : "osVersion",
  "domain" : "domain",
  "name" : "name",
  "agentVersion" : "agentVersion",
  "id" : 6,
  "upgradeRequired" : true,
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [DomainController](#)

## Up

```
delete /api/v{version}/collectors/activedirectory/domains/{id}/-  
controllers
```

(apiVversionCollectorsActivedirectoryDomainsIdControllersDelete)

## Path parameters

Id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Query parameters

dclids (optional)

Query Parameter – format: int32

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{  
  "isSuccessful" : true,  
  "message" : "message",  
  "status" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

## [Up](#)

```
get /api/v{version}/collectors/activedirectory/domains/{id}/-  
controllers
```

(apiVversionCollectorsActivedirectoryDomainsIdControllersGet)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

### [DomainController](#)

## Example data

Content-Type: application/json

```
{  
  "lastActive" : "2000-01-23T04:56:07.000+00:00",  
  "statusMessage" : "statusMessage",  
  "enabled" : true,  
  "sid" : "sid",  
  "netBiosName" : "netBiosName",  
  "hasAgent" : true,  
  "osVersion" : "osVersion",  
  "domain" : "domain",  
  "name" : "name",  
  "agentVersion" : "agentVersion",  
  "id" : 6,  
  "upgradeRequired" : true,  
  "status" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DomainController](#)

---

[Up](#)

```
post /api/v{version}/collectors/activedirectory/domains/{id}/-  
controllers
```

(apiVversionCollectorsActivedirectoryDomainsIdControllersPost)

## Path parameters

Id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DomainController](#) (optional)

Body Parameter –

## Query parameters

force (optional)

Query Parameter – default: false

## Return type

[DomainController](#)

## Example data

Content-Type: application/json

```
{
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "statusMessage" : "statusMessage",
  "enabled" : true,
  "sid" : "sid",
  "netBiosName" : "netBiosName",
  "hasAgent" : true,
  "osVersion" : "osVersion",
  "domain" : "domain",
  "name" : "name",
  "agentVersion" : "agentVersion",
  "id" : 6,
  "upgradeRequired" : true,
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [DomainController](#)

---

### [Up](#)

```
put /api/v{version}/collectors/activedirectory/domains/{id}/-
controllers
```

(apiVversionCollectorsActivedirectoryDomainsIdControllersPut)

## Path parameters

Id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DomainController](#) (optional)

Body Parameter –

## Query parameters

force (optional)

Query Parameter – default: false

## Return type

[DomainController](#)

## Example data

Content-Type: application/json

```
{
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "statusMessage" : "statusMessage",
  "enabled" : true,
  "sid" : "sid",
  "netBiosName" : "netBiosName",
  "hasAgent" : true,
  "osVersion" : "osVersion",
  "domain" : "domain",
  "name" : "name",
  "agentVersion" : "agentVersion",
  "id" : 6,
  "upgradeRequired" : true,
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DomainController](#)

---

### [Up](#)

```
delete /api/v{version}/collectors/activedirectory/domains/{id}
(apiVversionCollectorsActivedirectoryDomainsIdDelete)
```

## Path parameters

Id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

[Up](#)

```
get /api/v{version}/collectors/activedirectory/domains/{id}
```

```
(apiVversionCollectorsActivedirectoryDomainsIdGet)
```

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Query parameters

isDCListToBeIncluded (optional)

Query Parameter – default: true

## Return type

[ActiveDirectoryProfile](#)

## Example data

Content-Type: application/json

```
{
  "systemAttributes" : [ "systemAttributes", "systemAttributes" ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ActiveDirectoryProfile](#)

---

[Up](#)

```
put /api/v{version}/collectors/activedirectory/domains/{id}
```

(apiVversionCollectorsActivedirectoryDomainsIdPut)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DomainConfiguration](#) (optional)

Body Parameter –

## Return type

[DomainConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "accountName" : "accountName",
  "backupPassword" : "backupPassword",
  "flags" : 1,
```

```
"dnsName" : "dnsName",
"domainControllers" : [ {
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "statusMessage" : "statusMessage",
  "enabled" : true,
  "sid" : "sid",
  "netBiosName" : "netBiosName",
  "hasAgent" : true,
  "osVersion" : "osVersion",
  "domain" : "domain",
  "name" : "name",
  "agentVersion" : "agentVersion",
  "id" : 6,
  "upgradeRequired" : true,
  "status" : 0
}, {
  "lastActive" : "2000-01-23T04:56:07.000+00:00",
  "statusMessage" : "statusMessage",
  "enabled" : true,
  "sid" : "sid",
  "netBiosName" : "netBiosName",
  "hasAgent" : true,
  "osVersion" : "osVersion",
  "domain" : "domain",
  "name" : "name",
  "agentVersion" : "agentVersion",
  "id" : 6,
  "upgradeRequired" : true,
  "status" : 0
} ],
"backupAccountName" : "backupAccountName",
"ncName" : "ncName",
"enabled" : true,
"parentDomain" : "parentDomain",
"dcAccountName" : "dcAccountName",
"dcPassword" : "dcPassword",
"password" : "password",
"statusDescription" : "statusDescription",
"netBiosName" : "netBiosName",
"localDcCollection" : true,
"agentConfiguration" : {
  "processNestedGroupUserMembers" : true,
  "processNestedGroupMembers" : true,
  "suppressNestedGroupEventData" : true,
  "enableGPOBackup" : true,
  "combineEventsDelay" : 5,
  "enableMissingGPOBackup" : true,
  "ignoreLogonEvents" : true,
  "workstationResolution" : true,
  "combineEventsEnabled" : true,
  "suppressNestedGroupEventBacklinks" : true,
```

```

"processNestedGroupUsers" : true,
"workstationReverseLookup" : true,
"nestedGroups" : [ {
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 3,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
  "dn" : "dn",
  "cn" : "cn",
  "ldapName" : "ldapName",
  "managerEmail" : "managerEmail",
  "domain" : "domain",
  "objectGuid" : "objectGuid",
  "name" : "name",
  "objectSid" : "objectSid",
  "attributes" : [ {
    "isClass" : true,
    "displayValue" : "displayValue",
    "linkId" : 1,
    "systemOnly" : true,
    "displayName" : "displayName",
    "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "values" : [ "", "" ],
    "name" : "name",
    "aDsType" : 6,
    "id" : 0,
    "isOID" : true,
    "syntaxOID" : "syntaxOID"
  }, {
    "isClass" : true,
    "displayValue" : "displayValue",
    "linkId" : 1,
    "systemOnly" : true,
    "displayName" : "displayName",
    "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "values" : [ "", "" ],
    "name" : "name",
    "aDsType" : 6,
    "id" : 0,
    "isOID" : true,
    "syntaxOID" : "syntaxOID"
  } ],
  "userPrincipalName" : "userPrincipalName",
  "userAccountControl" : 7,
  "pwdLastSet" : 9
}, {
  "msdsPrincipalName" : "msdsPrincipalName",

```

```
"presentationName" : "presentationName",
"displayname" : "displayName",
"accountExpires" : 3,
"objectClass" : "objectClass",
"samAccountName" : "samAccountName",
"dnsName" : "dnsName",
"description" : "description",
"dn" : "dn",
"cn" : "cn",
"ldapName" : "ldapName",
"managerEmail" : "managerEmail",
"domain" : "domain",
"objectGuid" : "objectGuid",
"name" : "name",
"objectSid" : "objectSid",
"attributes" : [ {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
}, {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
} ],
"userPrincipalName" : "userPrincipalName",
"userAccountControl" : 7,
"pwdLastSet" : 9
} ],
"logLevel" : 2,
"processNestedGroups" : true,
"excludedAttributes" : "excludedAttributes",
"ldapTimeout" : 2
},
```

```
"objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",  
"id" : 0,  
"collectionInterval" : 6,  
"status" : 5  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DomainConfiguration](#)

---

### Up

post `/api/v{version}/collectors/activedirectory/domains`

(`apiVversionCollectorsActivedirectoryDomainsPost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DomainConfiguration](#) (optional)

Body Parameter –

## Return type

### [DomainConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "accountName" : "accountName",
  "backupPassword" : "backupPassword",
  "flags" : 1,
  "dnsName" : "dnsName",
  "domainControllers" : [ {
    "lastActive" : "2000-01-23T04:56:07.000+00:00",
    "statusMessage" : "statusMessage",
    "enabled" : true,
    "sid" : "sid",
    "netBiosName" : "netBiosName",
    "hasAgent" : true,
    "osVersion" : "osVersion",
    "domain" : "domain",
    "name" : "name",
    "agentVersion" : "agentVersion",
    "id" : 6,
    "upgradeRequired" : true,
    "status" : 0
  }, {
    "lastActive" : "2000-01-23T04:56:07.000+00:00",
    "statusMessage" : "statusMessage",
    "enabled" : true,
    "sid" : "sid",
    "netBiosName" : "netBiosName",
    "hasAgent" : true,
    "osVersion" : "osVersion",
    "domain" : "domain",
    "name" : "name",
    "agentVersion" : "agentVersion",
    "id" : 6,
    "upgradeRequired" : true,
    "status" : 0
  } ],
  "backupAccountName" : "backupAccountName",
  "ncName" : "ncName",
  "enabled" : true,
  "parentDomain" : "parentDomain",
  "dcAccountName" : "dcAccountName",
  "dcPassword" : "dcPassword",
  "password" : "password",
  "statusDescription" : "statusDescription",
```

```
"netBiosName" : "netBiosName",
"localDcCollection" : true,
"agentConfiguration" : {
  "processNestedGroupUserMembers" : true,
  "processNestedGroupMembers" : true,
  "suppressNestedGroupEventData" : true,
  "enableGPOBackup" : true,
  "combineEventsDelay" : 5,
  "enableMissingGPOBackup" : true,
  "ignoreLogonEvents" : true,
  "workstationResolution" : true,
  "combineEventsEnabled" : true,
  "suppressNestedGroupEventBacklinks" : true,
  "processNestedGroupUsers" : true,
  "workstationReverseLookup" : true,
  "nestedGroups" : [ {
    "msdsPrincipalName" : "msdsPrincipalName",
    "presentationName" : "presentationName",
    "displayName" : "displayName",
    "accountExpires" : 3,
    "objectClass" : "objectClass",
    "samAccountName" : "samAccountName",
    "dnsName" : "dnsName",
    "description" : "description",
    "dn" : "dn",
    "cn" : "cn",
    "ldapName" : "ldapName",
    "managerEmail" : "managerEmail",
    "domain" : "domain",
    "objectGuid" : "objectGuid",
    "name" : "name",
    "objectSid" : "objectSid",
    "attributes" : [ {
      "isClass" : true,
      "displayValue" : "displayValue",
      "linkId" : 1,
      "systemOnly" : true,
      "displayName" : "displayName",
      "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "values" : [ "", "" ],
      "name" : "name",
      "aDsType" : 6,
      "id" : 0,
      "isOID" : true,
      "syntaxOID" : "syntaxOID"
    }, {
      "isClass" : true,
      "displayValue" : "displayValue",
      "linkId" : 1,
      "systemOnly" : true,
      "displayName" : "displayName",
```

```

    "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "values" : [ "", "" ],
    "name" : "name",
    "aDsType" : 6,
    "id" : 0,
    "isOID" : true,
    "syntaxOID" : "syntaxOID"
  } ],
  "userPrincipalName" : "userPrincipalName",
  "userAccountControl" : 7,
  "pwdLastSet" : 9
}, {
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 3,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
  "dn" : "dn",
  "cn" : "cn",
  "ldapName" : "ldapName",
  "managerEmail" : "managerEmail",
  "domain" : "domain",
  "objectGuid" : "objectGuid",
  "name" : "name",
  "objectSid" : "objectSid",
  "attributes" : [ {
    "isClass" : true,
    "displayValue" : "displayValue",
    "linkId" : 1,
    "systemOnly" : true,
    "displayName" : "displayName",
    "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "values" : [ "", "" ],
    "name" : "name",
    "aDsType" : 6,
    "id" : 0,
    "isOID" : true,
    "syntaxOID" : "syntaxOID"
  }, {
    "isClass" : true,
    "displayValue" : "displayValue",
    "linkId" : 1,
    "systemOnly" : true,
    "displayName" : "displayName",
    "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "values" : [ "", "" ],
    "name" : "name",
    "aDsType" : 6,

```

```
    "id" : 0,
    "isOID" : true,
    "syntaxOID" : "syntaxOID"
  } ],
  "userPrincipalName" : "userPrincipalName",
  "userAccountControl" : 7,
  "pwdLastSet" : 9
} ],
"logLevel" : 2,
"processNestedGroups" : true,
"excludedAttributes" : "excludedAttributes",
"ldapTimeout" : 2
},
"objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"id" : 0,
"collectionInterval" : 6,
"status" : 5
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DomainConfiguration](#)

---

### [Up](#)

post /api/v{version}/collectors/activedirectory/domains/search

(apiVversionCollectorsActivedirectoryDomainsSearchPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DomainSearch](#) (optional)

Body Parameter –

## Return type

array[[ActiveDirectoryDomain](#)]

## Example data

Content-Type: application/json

```
[ {
  "netBiosName" : "netBiosName",
  "objectGuid" : "objectGuid",
  "dnsName" : "dnsName",
  "id" : 0,
  "ncName" : "ncName"
}, {
  "netBiosName" : "netBiosName",
  "objectGuid" : "objectGuid",
  "dnsName" : "dnsName",
  "id" : 0,
  "ncName" : "ncName"
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success



# Event

## [Up](#)

```
get /api/v{version}/events/{id}
```

Retrieve an event (apiVversionEventsIdGet)  
Locates a specific event by its ID and retrieves details.

## Path parameters

id (required)

Path Parameter – The ID of an event. format: int32

version (required)

Path Parameter –

## Query parameters

type (required)

Query Parameter – The data source ID.  
0 = Unknown, 1 = Active Directory, 2 = File System, 3 = Azure AD, 4 = Azure AD Sign-In, 5 = Exchange Online, 6 = SharePoint Online, 7 = VMWare, 8 = Active Directory Rollback, 9 = Microsoft Teams, 10 = Cygna Auditor, 11 = OneDrive, 12 = Azure, 14 = Security & Compliance Center, 101 = Active Directory (Blackbird)

database (required)

Query Parameter – The database ID. format: uuid

## Return type

### [AuditEventDetailBase](#)

## Example data

Content-Type: application/json

```
{
  "organizationId" : 1,
  "displayMessage" : "displayMessage",
  "userCategory" : 5,
  "success" : true,
  "eventTime" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "source" : 6,
  "statusMessage" : "statusMessage"
}
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [AuditEventDetailBase](#)

400

Bad Request. The event ID is not a positive integer or the type is not a valid data source ID.

401

Unauthorized. The request does not contain a valid authorization header and session-id header, or the user is not authorized to read audit events.

410

The requested event was not found.

500

An unexpected error occurred.

---

### [Up](#)

```
post /api/v{version}/events
```

List events (`apiVversionEventsPost`)

Searches and retrieves audit events based on search parameters.

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [EventsRequest](#) (optional)

Body Parameter –

## Query parameters

limit (optional)

Query Parameter – The maximum number of events to retrieve. format: int32

useCoreDatabase (optional)

Query Parameter – The database to search through. default: false

## Return type

array[[AuditEvent](#)]

## Example data

Content-Type: application/json

```
[ {
  "teamName" : "teamName",
  "vmHost" : "vmHost",
  "resourceGroup" : "resourceGroup",
  "sourceFileName" : "sourceFileName",
  "databaseName" : "databaseName",
  "eventCategory" : "eventCategory",
  "samAccountName" : "samAccountName",
  "when" : "2000-01-23T04:56:07.000+00:00",
  "vmCategory" : "vmCategory",
  "teamMember" : "teamMember",
  "path" : "path",
  "vmType" : "vmType",
  "valueAdded" : "valueAdded",
  "crossMailboxOperations" : true,
  "workstationId" : 5,
  "valueAddedDisplay" : "valueAddedDisplay",
  "eventName" : "eventName",
  "id" : 0,
  "tenant" : "tenant",
  "identityName" : "identityName",
  "attributeValue" : "attributeValue",
  "level" : "level",
  "module" : 6,
  "attributePreviousValue" : "attributePreviousValue",
  "mailboxFolder" : "mailboxFolder",
  "objectClass" : "objectClass",
  "workstation" : "workstation",
```

```
"opn" : 9,
"external" : true,
"success" : 1,
"vm" : "vm",
"status" : "status",
"valueRemoved" : "valueRemoved",
"server" : "server",
"itemType" : 2,
"subscription" : "subscription",
"nativeEventId" : 5,
"fromAgent" : true,
"client" : "client",
"attribute" : "attribute",
"databaseId" : "databaseId",
"isRisky" : true,
"mailboxUPN" : "mailboxUPN",
"dataCenter" : "dataCenter",
"aDsType" : 7,
"workload" : "workload",
"objectDN" : "objectDN",
"objectName" : "objectName",
"dataStore" : "dataStore",
"teamRole" : "teamRole",
"location" : "location",
"accountSid" : "accountSid",
"user" : "user",
"operation" : "operation",
"resourceType" : "resourceType"
}, {
  "teamName" : "teamName",
  "vmHost" : "vmHost",
  "resourceGroup" : "resourceGroup",
  "sourceFileName" : "sourceFileName",
  "databaseName" : "databaseName",
  "eventCategory" : "eventCategory",
  "samAccountName" : "samAccountName",
  "when" : "2000-01-23T04:56:07.000+00:00",
  "vmCategory" : "vmCategory",
  "teamMember" : "teamMember",
  "path" : "path",
  "vmType" : "vmType",
  "valueAdded" : "valueAdded",
  "crossMailboxOperations" : true,
  "workstationId" : 5,
  "valueAddedDisplay" : "valueAddedDisplay",
  "eventName" : "eventName",
  "id" : 0,
  "tenant" : "tenant",
  "identityName" : "identityName",
  "attributeValue" : "attributeValue",
  "level" : "level",
```

```
"module" : 6,
"attributePreviousValue" : "attributePreviousValue",
"mailboxFolder" : "mailboxFolder",
"objectClass" : "objectClass",
"workstation" : "workstation",
"opn" : 9,
"external" : true,
"success" : 1,
"vm" : "vm",
"status" : "status",
"valueRemoved" : "valueRemoved",
"server" : "server",
"itemType" : 2,
"subscription" : "subscription",
"nativeEventId" : 5,
"fromAgent" : true,
"client" : "client",
"attribute" : "attribute",
"databaseId" : "databaseId",
"isRisky" : true,
"mailboxUPN" : "mailboxUPN",
"dataCenter" : "dataCenter",
"aDsType" : 7,
"workload" : "workload",
"objectDN" : "objectDN",
"objectName" : "objectName",
"dataStore" : "dataStore",
"teamRole" : "teamRole",
"location" : "location",
"accountSid" : "accountSid",
"user" : "user",
"operation" : "operation",
"resourceType" : "resourceType"
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success



# FileSystem

## [Up](#)

```
put /api/v{version}/collectors/filesystem/delete/all
```

(apiVversionCollectorsFileSystemDeleteAllPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [FileSystemConfiguration](#) (optional)

Body Parameter –

## Return type

### [FileServer](#)

## Example data

Content-Type: application/json

```
{
  "serverName" : "serverName",
  "workItemId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serverId" : 6,
  "version" : "version",
  "serverDnsName" : "serverDnsName",
  "serverSid" : "serverSid",
  "alertCount" : 5,
  "lastUpdate" : "2000-01-23T04:56:07.000+00:00",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
```

```
"isDriver" : true,  
"collectionInterval" : 5,  
"upgradeRequired" : true,  
"status" : 1  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [FileServer](#)

---

### [Up](#)

```
put /api/v{version}/collectors/filesystem/delete
```

(`apiVversionCollectorsFilesystemDeletePut`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [FileSystemConfiguration](#) (optional)

Body Parameter –

## Return type

### [FileServer](#)

## Example data

Content-Type: application/json

```
{
  "serverName" : "serverName",
  "workItemId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serverId" : 6,
  "version" : "version",
  "serverDnsName" : "serverDnsName",
  "serverSid" : "serverSid",
  "alertCount" : 5,
  "lastUpdate" : "2000-01-23T04:56:07.000+00:00",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "isDriver" : true,
  "collectionInterval" : 5,
  "upgradeRequired" : true,
  "status" : 1
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [FileServer](#)

---

### [Up](#)

get /api/v{version}/collectors/filesystem

(apiVversionCollectorsFilesystemGet)

## Path parameters

version (required)  
Path Parameter –

## Return type

[FileServer](#)

## Example data

Content-Type: application/json

```
{
  "serverName" : "serverName",
  "workItemId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serverId" : 6,
  "version" : "version",
  "serverDnsName" : "serverDnsName",
  "serverSid" : "serverSid",
  "alertCount" : 5,
  "lastUpdate" : "2000-01-23T04:56:07.000+00:00",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "isDriver" : true,
  "collectionInterval" : 5,
  "upgradeRequired" : true,
  "status" : 1
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [FileServer](#)

---

[Up](#)

get /api/v{version}/collectors/filesystem/{id}

(apiVversionCollectorsFilesystemIdGet)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[FileServer](#)

## Example data

Content-Type: application/json

```
{
  "serverName" : "serverName",
  "workItemId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serverId" : 6,
  "version" : "version",
  "serverDnsName" : "serverDnsName",
  "serverSid" : "serverSid",
  "alertCount" : 5,
  "lastUpdate" : "2000-01-23T04:56:07.000+00:00",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "isDriver" : true,
  "collectionInterval" : 5,
  "upgradeRequired" : true,
  "status" : 1
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [FileServer](#)

---

## [Up](#)

```
post /api/v{version}/collectors/filesystem
```

(apiVversionCollectorsFilesystemPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [FileSystemConfiguration](#) (optional)

Body Parameter –

## Return type

[FileServer](#)

## Example data

Content-Type: application/json

```
{
  "serverName" : "serverName",
  "workItemId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serverId" : 6,
  "version" : "version",
  "serverDnsName" : "serverDnsName",
  "serverSid" : "serverSid",
  "alertCount" : 5,
  "lastUpdate" : "2000-01-23T04:56:07.000+00:00",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "isDriver" : true,
  "collectionInterval" : 5,
  "upgradeRequired" : true,
```

```
"status" : 1
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [FileServer](#)

---

### [Up](#)

```
put /api/v{version}/collectors/filesystem
```

(`apiVversionCollectorsFilesystemPut`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [FileSystemConfiguration](#) (optional)

Body Parameter –

## Return type

[FileServer](#)

## Example data

Content-Type: application/json

```
{
  "serverName" : "serverName",
  "workItemId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serverId" : 6,
  "version" : "version",
  "serverDnsName" : "serverDnsName",
  "serverSid" : "serverSid",
  "alertCount" : 5,
  "lastUpdate" : "2000-01-23T04:56:07.000+00:00",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "isDriver" : true,
  "collectionInterval" : 5,
  "upgradeRequired" : true,
  "status" : 1
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [FileServer](#)

---

### [Up](#)

```
put /api/v{version}/collectors/filesystem/restart
```

(apiVversionCollectorsFilesystemRestartPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [FileSystemConfiguration](#) (optional)

Body Parameter –

## Return type

[FileServer](#)

## Example data

Content-Type: application/json

```
{
  "serverName" : "serverName",
  "workItemId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serverId" : 6,
  "version" : "version",
  "serverDnsName" : "serverDnsName",
  "serverSid" : "serverSid",
  "alertCount" : 5,
  "lastUpdate" : "2000-01-23T04:56:07.000+00:00",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "isDriver" : true,
  "collectionInterval" : 5,
  "upgradeRequired" : true,
  "status" : 1
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [FileServer](#)

---

[Up](#)

```
post /api/v{version}/collectors/filesystem/search
```

```
(apiVversionCollectorsFilesystemSearchPost)
```

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DomainSearch](#) (optional)

Body Parameter –

## Return type

array[[FileServer](#)]

## Example data

Content-Type: application/json

```
[ {  
  "serverName" : "serverName",  
  "workItemId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",  
  "serverId" : 6,  
  "version" : "version",  
  "serverDnsName" : "serverDnsName",  
  "serverSid" : "serverSid",
```

```
"alertCount" : 5,
"lastUpdate" : "2000-01-23T04:56:07.000+00:00",
"lastCollection" : "2000-01-23T04:56:07.000+00:00",
"id" : 0,
"isDriver" : true,
"collectionInterval" : 5,
"upgradeRequired" : true,
"status" : 1
}, {
  "serverName" : "serverName",
  "workItemId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serverId" : 6,
  "version" : "version",
  "serverDnsName" : "serverDnsName",
  "serverSid" : "serverSid",
  "alertCount" : 5,
  "lastUpdate" : "2000-01-23T04:56:07.000+00:00",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "isDriver" : true,
  "collectionInterval" : 5,
  "upgradeRequired" : true,
  "status" : 1
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

```
put /api/v{version}/collectors/filesystem/start
```

(apiVversionCollectorsFileSystemStartPut)

## Path parameters

version (required)

## Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [FileSystemConfiguration](#) (optional)

## Body Parameter –

## Return type

[FileServer](#)

## Example data

Content-Type: application/json

```
{
  "serverName" : "serverName",
  "workItemId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "serverId" : 6,
  "version" : "version",
  "serverDnsName" : "serverDnsName",
  "serverSid" : "serverSid",
  "alertCount" : 5,
  "lastUpdate" : "2000-01-23T04:56:07.000+00:00",
  "lastCollection" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "isDriver" : true,
  "collectionInterval" : 5,
  "upgradeRequired" : true,
  "status" : 1
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`

- `text/json`

## Responses

200

Success [FileServer](#)

---

### [Up](#)

```
put /api/v{version}/collectors/filesystem/stop
```

(apiVversionCollectorsFilesystemStopPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [FileSystemConfiguration](#) (optional)

Body Parameter –

## Return type

[FileServer](#)

## Example data

Content-Type: application/json

```
{  
  "serverName" : "serverName",  
  "workItemId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",  
  "serverId" : 6,  
}
```

```
"version" : "version",
"serverDnsName" : "serverDnsName",
"serverSid" : "serverSid",
"alertCount" : 5,
"lastUpdate" : "2000-01-23T04:56:07.000+00:00",
"lastCollection" : "2000-01-23T04:56:07.000+00:00",
"id" : 0,
"isDriver" : true,
"collectionInterval" : 5,
"upgradeRequired" : true,
"status" : 1
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [FileServer](#)

---

# Filter

## [Up](#)

```
get /api/v{version}/collectors/filesystem/filters
```

(apiVversionCollectorsFilesystemFiltersGet)

## Path parameters

version (required)

Path Parameter –

## Return type

### [FilterReport](#)

## Example data

Content-Type: application/json

```
{
  "isAlert" : true,
  "reportType" : "reportType",
  "baseQuery" : "baseQuery",
  "sortAscending" : true,
  "clauses" : [ {
    "comparison" : "comparison",
    "field" : "field",
    "values" : [ {
      "value2" : "value2",
      "value1" : "value1"
    }, {
      "value2" : "value2",
      "value1" : "value1"
    } ],
    "type" : "type"
  }, {
    "comparison" : "comparison",
    "field" : "field",
    "values" : [ {
      "value2" : "value2",
      "value1" : "value1"
    }, {
      "value2" : "value2",
      "value1" : "value1"
    } ],
    "type" : "type"
  } ],
}
```

```
"maxRecordCount" : 0,  
"name" : "name",  
"description" : "description",  
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",  
"actions" : [ {  
  "data" : "data",  
  "type" : "type"  
}, {  
  "data" : "data",  
  "type" : "type"  
} ],  
"enabled" : true,  
"tags" : "tags"  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [FilterReport](#)

---

### [Up](#)

`delete /api/v{version}/collectors/filesystem/filters/{id}`

(`apiVversionCollectorsFilesystemFiltersIdDelete`)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

[CygStatus](#)

## Example data

Content-Type: application/json

0

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [CygStatus](#)

---

### [Up](#)

```
get /api/v{version}/collectors/filesystem/filters/{id}
```

(apiVversionCollectorsFilesystemFiltersIdGet)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Responses

200

Success

---

### [Up](#)

```
put /api/v{version}/collectors/filesystem/filters/{id}
```

(apiVversionCollectorsFilesystemFiltersIdPut)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [FilterReport](#) (optional)

Body Parameter –

## Return type

[CygStatus](#)

## Example data

Content-Type: application/json

0

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygStatus](#)

## [Up](#)

```
post /api/v{version}/collectors/filesystem/filters
```

(apiVversionCollectorsFilesystemFiltersPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [FilterReport](#) (optional)

Body Parameter –

## Return type

[CygStatus](#)

## Example data

Content-Type: application/json

```
0
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygStatus](#)

---

[Up](#)

```
post /api/v{version}/collectors/filesystem/filters/shares
```

```
(apiVversionCollectorsFilesystemFiltersSharesPost)
```

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [string](#) (optional)

Body Parameter –

## Return type

[CygStatus](#)

## Example data

Content-Type: application/json

```
0
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygStatus](#)

---

# HealthCheck

## [Up](#)

```
post /api/v{version}/healthcheck/all
```

(apiVversionHealthcheckAllPost)

## Path parameters

version (required)

Path Parameter –

## Return type

### [HealthCheck](#)

## Example data

Content-Type: application/json

```
{
  "name" : "name",
  "description" : "description",
  "statusDetail" : "statusDetail",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [HealthCheck](#)

---

## [Up](#)

```
post /api/v{version}/healthcheck/{id}
```

(apiVversionHealthcheckIdPost)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

### [HealthCheck](#)

## Example data

Content-Type: application/json

```
{
  "name" : "name",
  "description" : "description",
  "statusDetail" : "statusDetail",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [HealthCheck](#)

---

## [Up](#)

```
post /api/v{version}/healthcheck/ping
```

(apiVversionHealthcheckPingPost)

## Path parameters

version (required)

Path Parameter –

## Responses

200

Success

---

# IIS

## [Up](#)

```
get /api/v{version}/setup/iis/applicationpools/current
```

```
(apiVversionSetupIisApplicationpoolsCurrentGet)
```

## Path parameters

version (required)

Path Parameter –

## Return type

[ApplicationPool](#)

## Example data

Content-Type: application/json

```
{
  "managedPipelineMode" : 0,
  "identity" : {
    "identityType" : 1,
    "credentials" : {
      "password" : "password",
      "username" : "username"
    }
  },
  "name" : "name",
  "state" : 6,
  "managedRuntimeVersion" : "managedRuntimeVersion"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [ApplicationPool](#)

## [Up](#)

```
put /api/v{version}/setup/iis/applicationpools/current/identity
```

(apiVversionSetupIisApplicationpoolsCurrentIdentityPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ApplicationPoolIdentity](#) (optional)

Body Parameter –

## Return type

[ApplicationPoolIdentity](#)

## Example data

Content-Type: application/json

```
{
  "identityType" : 1,
  "credentials" : {
    "password" : "password",
    "username" : "username"
  }
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ApplicationPoolIdentity](#)

---

### [Up](#)

```
post /api/v{version}/setup/iis/applicationpools/current
```

(apiVversionSetupIisApplicationpoolsCurrentPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ApplicationPool](#) (optional)

Body Parameter –

## Return type

[ApplicationPool](#)

## Example data

Content-Type: application/json

```
{
  "managedPipelineMode" : 0,
  "identity" : {
    "identityType" : 1,
    "credentials" : {
      "password" : "password",
      "username" : "username"
    }
  },
  "name" : "name",
  "state" : 6,
  "managedRuntimeVersion" : "managedRuntimeVersion"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ApplicationPool](#)

---

### [Up](#)

```
put /api/v{version}/setup/iis/applicationpools/current
```

(apiVversionSetupIisApplicationpoolsCurrentPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`

- `text/json`
- `application/*+json`

## Request body

body [ApplicationPool](#) (optional)  
Body Parameter –

## Return type

[ApplicationPool](#)

## Example data

Content-Type: application/json

```
{
  "managedPipelineMode" : 0,
  "identity" : {
    "identityType" : 1,
    "credentials" : {
      "password" : "password",
      "username" : "username"
    }
  },
  "name" : "name",
  "state" : 6,
  "managedRuntimeVersion" : "managedRuntimeVersion"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ApplicationPool](#)

---

## [Up](#)

```
post /api/v{version}/setup/iis/applicationpools/current/recycle  
(apiVversionSetupIisApplicationpoolsCurrentRecyclePost)
```

## Path parameters

version (required)  
Path Parameter –

## Return type

### [CygStatus](#)

## Example data

Content-Type: application/json

```
0
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygStatus](#)

---

## [Up](#)

```
get /api/v{version}/setup/iis/applicationpools  
(apiVversionSetupIisApplicationpoolsGet)
```

## Path parameters

version (required)  
Path Parameter –

## Return type

[ApplicationPool](#)

## Example data

Content-Type: application/json

```
{
  "managedPipelineMode" : 0,
  "identity" : {
    "identityType" : 1,
    "credentials" : {
      "password" : "password",
      "username" : "username"
    }
  },
  "name" : "name",
  "state" : 6,
  "managedRuntimeVersion" : "managedRuntimeVersion"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ApplicationPool](#)

---

# Identity

## [Up](#)

```
delete /api/v{version}/identity/all
```

Delete identities (apiVversionIdentityAllDelete)

Revokes all identity settings. The accounts will no longer be associated with each other and will be treated as separate accounts.

## Path parameters

version (required)

Path Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

## [Up](#)

```
get /api/v{version}/identity
```

### List identities (apiVversionIdentityGet)

Retrieves a list of available Cygna identities. An identity enables you to manage several accounts of the same person as one. For example, on-premises Active Directory account and Azure AD account.

## Path parameters

version (required)

Path Parameter –

## Query parameters

searchText (optional)

Query Parameter – Provide a Cygna identity name to search for it.

## Return type

array[[Identity](#)]

## Example data

Content-Type: application/json

```
[ {
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "name" : "name",
  "description" : "description",
  "id" : 0,
  "accounts" : [ {
    "accountId" : 5,
    "accountName" : "accountName",
    "identityId" : 1,
    "displayName" : "displayName",
    "securityIdentifier" : "securityIdentifier",
    "id" : 6,
    "source" : 5,
    "state" : 2
  }, {
    "accountId" : 5,
    "accountName" : "accountName",
    "identityId" : 1,
    "displayName" : "displayName",
    "securityIdentifier" : "securityIdentifier",
    "id" : 6,
    "source" : 5,
```

```
    "state" : 2
  } ]
}, {
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "name" : "name",
  "description" : "description",
  "id" : 0,
  "accounts" : [ {
    "accountId" : 5,
    "accountName" : "accountName",
    "identityId" : 1,
    "displayName" : "displayName",
    "securityIdentifier" : "securityIdentifier",
    "id" : 6,
    "source" : 5,
    "state" : 2
  }, {
    "accountId" : 5,
    "accountName" : "accountName",
    "identityId" : 1,
    "displayName" : "displayName",
    "securityIdentifier" : "securityIdentifier",
    "id" : 6,
    "source" : 5,
    "state" : 2
  } ]
} ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

```
delete /api/v{version}/identity/{id}
```

Delete an identity (apiVversionIdentityIdDelete)

Locates a Cygna identity by its ID and deletes it. Provide an ID in the path.

## Path parameters

id (required)

Path Parameter – Cygna identity ID format: int32

version (required)

Path Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

## Up

```
get /api/v{version}/identity/{id}
```

Retrieve an identity (apiVversionIdentityIdGet)

Locates a Cygna identity by its ID and retrieves its details. Provide an ID in the path.

## Path parameters

id (required)

Path Parameter – Cygna identity ID format: int32

version (required)

Path Parameter –

## Return type

[Identity](#)

## Example data

Content-Type: application/json

```
{
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "name" : "name",
  "description" : "description",
  "id" : 0,
  "accounts" : [ {
    "accountId" : 5,
    "accountName" : "accountName",
    "identityId" : 1,
    "displayName" : "displayName",
    "securityIdentifier" : "securityIdentifier",
    "id" : 6,
    "source" : 5,
    "state" : 2
  }, {
    "accountId" : 5,
    "accountName" : "accountName",
    "identityId" : 1,
    "displayName" : "displayName",
    "securityIdentifier" : "securityIdentifier",
    "id" : 6,
    "source" : 5,
    "state" : 2
  } ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Identity](#)

## Up

```
put /api/v{version}/identity/{id}
```

Update an identity (apiVversionIdentityIdPut)

Locates a Cygna identity by its ID and modifies it. Provide an ID in the path.

## Path parameters

id (required)

Path Parameter – Cygna identity ID format: int32

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [Identity](#) (optional)

Body Parameter –

## Return type

### [Identity](#)

## Example data

Content-Type: application/json

```
{
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "name" : "name",
  "description" : "description",
  "id" : 0,
  "accounts" : [ {
    "accountId" : 5,
    "accountName" : "accountName",
    "identityId" : 1,
    "displayName" : "displayName",
```

```

    "securityIdentifier" : "securityIdentifier",
    "id" : 6,
    "source" : 5,
    "state" : 2
  }, {
    "accountId" : 5,
    "accountName" : "accountName",
    "identityId" : 1,
    "displayName" : "displayName",
    "securityIdentifier" : "securityIdentifier",
    "id" : 6,
    "source" : 5,
    "state" : 2
  } ]
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Identity](#)

---

### [Up](#)

```
delete /api/v{version}/identity/{identity}/accounts/{id}
```

Remove an account from identity (`apiVversionIdentityIdentityAccountsIdDelete`)

Locates an account by its ID and removes mapping with a Cygna identity. The account will no longer be associated with this identity. Provide identity and id in the path.

## Path parameters

id (required)

Path Parameter – User account ID format: int32

version (required)

Path Parameter –

identity (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

## Up

```
post /api/v{version}/identity
```

Create an identity (apiVversionIdentityPost)

Adds a new custom identity. An identity enables you to combine several accounts of the same person and manage as one. For example, on-premises Active Directory account and Azure AD account.

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [Identity](#) (optional)

Body Parameter –

## Return type

[Identity](#)

## Example data

Content-Type: application/json

```
{
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "name" : "name",
  "description" : "description",
  "id" : 0,
  "accounts" : [ {
    "accountId" : 5,
    "accountName" : "accountName",
    "identityId" : 1,
    "displayName" : "displayName",
    "securityIdentifier" : "securityIdentifier",
    "id" : 6,
    "source" : 5,
    "state" : 2
  }, {
    "accountId" : 5,
    "accountName" : "accountName",
    "identityId" : 1,
    "displayName" : "displayName",
    "securityIdentifier" : "securityIdentifier",
    "id" : 6,
    "source" : 5,
    "state" : 2
  } ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Identity](#)

---

# License

## [Up](#)

delete /api/v{version}/system/config/license

(apiVversionSystemConfigLicenseDelete)

## Path parameters

version (required)

Path Parameter –

## Return type

[CygStatus](#)

## Example data

Content-Type: application/json

0

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygStatus](#)

---

## [Up](#)

get /api/v{version}/system/config/license

(apiVversionSystemConfigLicenseGet)

## Path parameters

version (required)  
Path Parameter –

## Return type

[License](#)

## Example data

Content-Type: application/json

```
{
  "generatedOn" : "2000-01-23T04:56:07.000+00:00",
  "configuration" : {
    "xml" : "xml",
    "companyName" : "companyName"
  },
  "maintenanceExpiry" : "2000-01-23T04:56:07.000+00:00",
  "company" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "version" : 1,
  "modules" : [ {
    "licenseType" : 6,
    "endDate" : "2000-01-23T04:56:07.000+00:00",
    "name" : "name",
    "count" : 0,
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
  }, {
    "licenseType" : 6,
    "endDate" : "2000-01-23T04:56:07.000+00:00",
    "name" : "name",
    "count" : 0,
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
  } ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [License](#)

---

[Up](#)

```
post /api/v{version}/system/config/license
```

```
(apiVversionSystemConfigLicensePost)
```

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [string](#) (optional)

Body Parameter –

## Return type

[License](#)

## Example data

Content-Type: application/json

```
{
  "generatedOn" : "2000-01-23T04:56:07.000+00:00",
  "configuration" : {
    "xml" : "xml",
    "companyName" : "companyName"
  },
  "maintenanceExpiry" : "2000-01-23T04:56:07.000+00:00",
```

```
"company" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"version" : 1,
"modules" : [ {
  "licenseType" : 6,
  "endDate" : "2000-01-23T04:56:07.000+00:00",
  "name" : "name",
  "count" : 0,
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
}, {
  "licenseType" : 6,
  "endDate" : "2000-01-23T04:56:07.000+00:00",
  "name" : "name",
  "count" : 0,
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
} ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [License](#)

---

### [Up](#)

`get /api/v{version}/system/config/license/status`

(`apiVversionSystemConfigLicenseStatusGet`)

## Path parameters

version (required)  
Path Parameter –

## Return type

[ConfigurationStatus](#)

## Example data

Content-Type: application/json

```
{
  "isConfigured" : true,
  "item" : 0,
  "displayName" : "displayName"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ConfigurationStatus](#)

---

### [Up](#)

```
post /api/v{version}/system/config/license/verify
```

(`apiVversionSystemConfigLicenseVerifyPost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [string](#) (optional)

Body Parameter –

## Return type

[License](#)

## Example data

Content-Type: application/json

```
{
  "generatedOn" : "2000-01-23T04:56:07.000+00:00",
  "configuration" : {
    "xml" : "xml",
    "companyName" : "companyName"
  },
  "maintenanceExpiry" : "2000-01-23T04:56:07.000+00:00",
  "company" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "version" : 1,
  "modules" : [ {
    "licenseType" : 6,
    "endDate" : "2000-01-23T04:56:07.000+00:00",
    "name" : "name",
    "count" : 0,
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
  }, {
    "licenseType" : 6,
    "endDate" : "2000-01-23T04:56:07.000+00:00",
    "name" : "name",
    "count" : 0,
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
  } ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [License](#)

---

# Log

## [Up](#)

```
get /api/v{version}/system/log/config
```

(apiVversionSystemLogConfigGet)

## Path parameters

version (required)

Path Parameter –

## Return type

[LogConfiguration](#)

## Example data

Content-Type: application/json

```
{  
  "level" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [LogConfiguration](#)

---

## [Up](#)

```
post /api/v{version}/system/log
```

(apiVversionSystemLogPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [LogMessage](#) (optional)

Body Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)



# Logging

## [Up](#)

delete /api/v{version}/system/config/logging

(apiVversionSystemConfigLoggingDelete)

## Path parameters

version (required)

Path Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [CygApiResponseBase](#)

---

## [Up](#)

get /api/v{version}/system/config/logging

(apiVversionSystemConfigLoggingGet)

## Path parameters

version (required)  
Path Parameter –

## Return type

[LoggingConfiguration](#)

## Example data

Content-Type: application/json

```
{  
  "isStatusEventsLoggingEnabled" : true,  
  "isApiLoggingEnabled" : true  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [LoggingConfiguration](#)

---

## [Up](#)

post /api/v{version}/system/config/logging

(apiVversionSystemConfigLoggingPost)

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [LoggingConfiguration](#) (optional)

Body Parameter –

## Return type

[LoggingConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "isStatusEventsLoggingEnabled" : true,
  "isApiLoggingEnabled" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [LoggingConfiguration](#)

---

[Up](#)

`put /api/v{version}/system/config/logging`

(apiVversionSystemConfigLoggingPut)

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [LoggingConfiguration](#) (optional)  
Body Parameter –

## Return type

[LoggingConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "isStatusEventsLoggingEnabled" : true,
  "isApiLoggingEnabled" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [LoggingConfiguration](#)



# Office365

## [Up](#)

```
put /api/v{version}/collectors/o365/refreshLicense
```

```
(apiVversionCollectorsO365RefreshLicensePut)
```

## Path parameters

version (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [CygApiResultBase](#)

---

## [Up](#)

```
get /api/v{version}/collectors/o365/teams/channels
```

Search for MS Teams channels that have IDs in the supplied list. (apiVersionCollectorsO365TeamsChannelsGet)  
Return a lists of channel objects (from Microsoft Teams) based on the search criteria.

## Path parameters

version (required)  
Path Parameter –

## Query parameters

channelIds (optional)  
Query Parameter – A list of integer channel IDs. format: int32

## Return type

array[[TeamsChannel](#)]

## Example data

Content-Type: application/json

```
[ {
  "teamName" : "teamName",
  "mailboxUpn" : "mailboxUpn",
  "teamGuid" : "teamGuid",
  "channelName" : "channelName",
  "channelType" : "channelType",
  "id" : 0,
  "channelGuid" : "channelGuid"
}, {
  "teamName" : "teamName",
  "mailboxUpn" : "mailboxUpn",
  "teamGuid" : "teamGuid",
  "channelName" : "channelName",
  "channelType" : "channelType",
  "id" : 0,
  "channelGuid" : "channelGuid"
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

[Up](#)

```
get /api/v{version}/collectors/o365/teams/{searchString}/channels
```

Search for MS Teams channels that match the search string by team name. (apiVversionCollectorsO365TeamsSearchStringChannelsGet)

Return a lists of channel objects (from Microsoft Teams) based on the search criteria.

### Path parameters

searchString (required)

Path Parameter – A partial team name.

version (required)

Path Parameter –

### Query parameters

includeChannelsWithoutEmail (optional)

Query Parameter – Whether or not to include teams channels without a group email address in the results. default: true

### Return type

array[[TeamsChannel](#)]

### Example data

Content-Type: application/json

```
[ {
  "teamName" : "teamName",
  "mailboxUpn" : "mailboxUpn",
  "teamGuid" : "teamGuid",
  "channelName" : "channelName",
  "channelType" : "channelType",
  "id" : 0,
  "channelGuid" : "channelGuid"
}, {
  "teamName" : "teamName",
  "mailboxUpn" : "mailboxUpn",
  "teamGuid" : "teamGuid",
```

```
"channelName" : "channelName",  
"channelType" : "channelType",  
"id" : 0,  
"channelGuid" : "channelGuid"  
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

`get /api/v{version}/collectors/o365/tenants`

(`apiVversionCollectorsO365TenantsGet`)

## Path parameters

version (required)

Path Parameter –

## Return type

array[[Tenant](#)]

## Example data

Content-Type: application/json

```
[ {  
  "displayName" : "displayName",  
  "tenantId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",  
  "interval" : 6,  
  "id" : 0,  
  "tenantCode" : "tenantCode",  
  "enabled" : true  
}
```

```
}, {  
  "displayName" : "displayName",  
  "tenantId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",  
  "interval" : 6,  
  "id" : 0,  
  "tenantCode" : "tenantCode",  
  "enabled" : true  
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

```
delete /api/v{version}/collectors/o365/tenants/{id}
```

(apiVversionCollectorsO365TenantsIdDelete)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{  
  "isSuccessful" : true,
```

```
"message" : "message",  
"status" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

### [Up](#)

```
get /api/v{version}/collectors/o365/tenants/{id}
```

(apiVversionCollectorsO365TenantsIdGet)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

### [Tenant](#)

## Example data

Content-Type: application/json

```
{  
  "displayName" : "displayName",  
  "tenantId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",  
  "interval" : 6,  
  "id" : 0,  
  "tenantCode" : "tenantCode",  
}
```

```
"enabled" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Tenant](#)

---

### [Up](#)

```
put /api/v{version}/collectors/o365/tenants/{id}
```

(`apiVversionCollectorsO365TenantsIdPut`)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [Tenant](#) (optional)

Body Parameter –

## Return type

### [Tenant](#)

## Example data

Content-Type: application/json

```
{
  "displayName" : "displayName",
  "tenantId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "interval" : 6,
  "id" : 0,
  "tenantCode" : "tenantCode",
  "enabled" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [Tenant](#)

---

### [Up](#)

post /api/v{version}/collectors/o365/tenants

(apiVversionCollectorsO365TenantsPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [TenantState](#) (optional)  
Body Parameter –

## Return type

[Tenant](#)

## Example data

Content-Type: application/json

```
{
  "displayName" : "displayName",
  "tenantId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "interval" : 6,
  "id" : 0,
  "tenantCode" : "tenantCode",
  "enabled" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Tenant](#)

---

[Up](#)

get `/api/v{version}/collectors/o365/tenants/precursor`

(apiVversionCollectorsO365TenantsPrecursorGet)

## Path parameters

version (required)  
Path Parameter –

## Return type

[TenantPrecursor](#)

## Example data

Content-Type: application/json

```
{
  "authorizationUrl" : "authorizationUrl",
  "state" : {
    "state" : "state"
  }
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [TenantPrecursor](#)

---

## [Up](#)

get /api/v{version}/collectors/o365/verify

(apiVversionCollectorsO365VerifyGet)

## Path parameters

version (required)  
Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{  
  "isSuccessful" : true,  
  "message" : "message",  
  "status" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

# Permission

## [Up](#)

get /api/v{version}/delegation/permissions

List permissions (apiVversionDelegationPermissionsGet)  
Retrieves all available permissions.

## Path parameters

version (required)  
Path Parameter –

## Return type

array[[Permission](#)]

## Example data

Content-Type: application/json

```
[ {
  "code" : 0,
  "visible" : true,
  "configuration" : "configuration",
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "category" : "category",
  "shortName" : "shortName",
  "type" : "type",
  "displayPermission" : "displayPermission"
}, {
  "code" : 0,
  "visible" : true,
  "configuration" : "configuration",
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "category" : "category",
  "shortName" : "shortName",
  "type" : "type",
  "displayPermission" : "displayPermission"
} ]
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

# Profile

[Up](#)

```
get /api/v{version}/collectors/activedirectory/profile
```

```
(apiVversionCollectorsActivedirectoryProfileGet)
```

## Path parameters

version (required)

Path Parameter –

## Return type

[ActiveDirectoryProfile](#)

## Example data

Content-Type: application/json

```
{  
  "systemAttributes" : [ "systemAttributes", "systemAttributes" ]  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ActiveDirectoryProfile](#)

---

# Protection

## [Up](#)

```
delete /api/v{version}/protector/domain/{domainId}/policies
```

(apiVversionProtectorDomainDomainIdPoliciesDelete)

## Path parameters

domainId (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

[Up](#)

```
get /api/v{version}/protector/domain/{domainId}/policies
```

```
(apiVversionProtectorDomainDomainIdPoliciesGet)
```

## Path parameters

domainId (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

array[[DomainProtectionPolicy](#)]

## Example data

Content-Type: application/json

```
[ {
  "rule" : {
    "builtIn" : true,
    "name" : "name",
    "description" : "description",
    "id" : 5,
    "defaultAllow" : true,
    "filters" : [ {
      "objectClasses" : [ "objectClasses", "objectClasses" ],
      "objects" : [ {
        "excluded" : true,
        "displayName" : "displayName",
        "objectClass" : "objectClass",
        "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "inheritance" : 2,
        "dn" : "dn",
        "id" : 3,
        "domainId" : 4
      }, {
        "excluded" : true,
        "displayName" : "displayName",
        "objectClass" : "objectClass",
        "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "inheritance" : 2,
        "dn" : "dn",
        "id" : 3,
        "domainId" : 4
      }
    ],
    "eventMask" : 7,
```

```

"attributes" : [ "attributes", "attributes" ],
"id" : 2,
"accounts" : [ {
  "excluded" : true,
  "displayName" : "displayName",
  "domain" : "domain",
  "dn" : "dn",
  "id" : 9,
  "sid" : "sid"
}, {
  "excluded" : true,
  "displayName" : "displayName",
  "domain" : "domain",
  "dn" : "dn",
  "id" : 9,
  "sid" : "sid"
} ]
}, {
  "objectClasses" : [ "objectClasses", "objectClasses" ],
  "objects" : [ {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  } ],
  "eventMask" : 7,
  "attributes" : [ "attributes", "attributes" ],
  "id" : 2,
  "accounts" : [ {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  }, {
    "excluded" : true,
    "displayName" : "displayName",

```

```

        "domain" : "domain",
        "dn" : "dn",
        "id" : 9,
        "sid" : "sid"
    } ]
} ]
},
"eventId" : 0,
"ruleId" : 1,
"domainId" : 6,
"enabled" : true,
"actionMask" : 5
}, {
    "rule" : {
        "builtIn" : true,
        "name" : "name",
        "description" : "description",
        "id" : 5,
        "defaultAllow" : true,
        "filters" : [ {
            "objectClasses" : [ "objectClasses", "objectClasses" ],
            "objects" : [ {
                "excluded" : true,
                "displayName" : "displayName",
                "objectClass" : "objectClass",
                "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
                "inheritance" : 2,
                "dn" : "dn",
                "id" : 3,
                "domainId" : 4
            }, {
                "excluded" : true,
                "displayName" : "displayName",
                "objectClass" : "objectClass",
                "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
                "inheritance" : 2,
                "dn" : "dn",
                "id" : 3,
                "domainId" : 4
            }
        ] ],
        "eventMask" : 7,
        "attributes" : [ "attributes", "attributes" ],
        "id" : 2,
        "accounts" : [ {
            "excluded" : true,
            "displayName" : "displayName",
            "domain" : "domain",
            "dn" : "dn",
            "id" : 9,
            "sid" : "sid"
        } ],
    }, {

```

```

        "excluded" : true,
        "displayName" : "displayName",
        "domain" : "domain",
        "dn" : "dn",
        "id" : 9,
        "sid" : "sid"
    } ]
}, {
    "objectClasses" : [ "objectClasses", "objectClasses" ],
    "objects" : [ {
        "excluded" : true,
        "displayName" : "displayName",
        "objectClass" : "objectClass",
        "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "inheritance" : 2,
        "dn" : "dn",
        "id" : 3,
        "domainId" : 4
    }, {
        "excluded" : true,
        "displayName" : "displayName",
        "objectClass" : "objectClass",
        "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "inheritance" : 2,
        "dn" : "dn",
        "id" : 3,
        "domainId" : 4
    } ],
    "eventMask" : 7,
    "attributes" : [ "attributes", "attributes" ],
    "id" : 2,
    "accounts" : [ {
        "excluded" : true,
        "displayName" : "displayName",
        "domain" : "domain",
        "dn" : "dn",
        "id" : 9,
        "sid" : "sid"
    }, {
        "excluded" : true,
        "displayName" : "displayName",
        "domain" : "domain",
        "dn" : "dn",
        "id" : 9,
        "sid" : "sid"
    } ]
} ]
},
    "id" : 0,
    "ruleId" : 1,
    "domainId" : 6,

```

```
"enabled" : true,  
"actionMask" : 5  
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

```
post /api/v{version}/protector/domain/policies/export/{domainId}
```

(apiVversionProtectorDomainPoliciesExportDomainIdPost)

## Path parameters

domainId (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

byte[]

## Example data

Content-Type: application/json

```
""
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [byte\[\]](#)

---

[Up](#)

`get /api/v{version}/protector/domain/policies`

(`apiVversionProtectorDomainPoliciesGet`)

## Path parameters

version (required)

Path Parameter –

## Return type

array[[DomainProtectionPolicy](#)]

## Example data

Content-Type: application/json

```
[ {
  "rule" : {
    "builtIn" : true,
    "name" : "name",
    "description" : "description",
    "id" : 5,
    "defaultAllow" : true,
    "filters" : [ {
      "objectClasses" : [ "objectClasses", "objectClasses" ],
      "objects" : [ {
        "excluded" : true,
        "displayName" : "displayName",
        "objectClass" : "objectClass",
        "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "inheritance" : 2,
        "dn" : "dn",
        "id" : 3,
```

```
    "domainId" : 4
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  } ],
  "eventMask" : 7,
  "attributes" : [ "attributes", "attributes" ],
  "id" : 2,
  "accounts" : [ {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  } ]
}, {
  "objectClasses" : [ "objectClasses", "objectClasses" ],
  "objects" : [ {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  } ],
  "eventMask" : 7,
```

```
"attributes" : [ "attributes", "attributes" ],
"id" : 2,
"accounts" : [ {
  "excluded" : true,
  "displayName" : "displayName",
  "domain" : "domain",
  "dn" : "dn",
  "id" : 9,
  "sid" : "sid"
}, {
  "excluded" : true,
  "displayName" : "displayName",
  "domain" : "domain",
  "dn" : "dn",
  "id" : 9,
  "sid" : "sid"
} ]
} ]
},
"id" : 0,
"ruleId" : 1,
"domainId" : 6,
"enabled" : true,
"actionMask" : 5
}, {
  "rule" : {
    "builtIn" : true,
    "name" : "name",
    "description" : "description",
    "id" : 5,
    "defaultAllow" : true,
    "filters" : [ {
      "objectClasses" : [ "objectClasses", "objectClasses" ],
      "objects" : [ {
        "excluded" : true,
        "displayName" : "displayName",
        "objectClass" : "objectClass",
        "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "inheritance" : 2,
        "dn" : "dn",
        "id" : 3,
        "domainId" : 4
      }, {
        "excluded" : true,
        "displayName" : "displayName",
        "objectClass" : "objectClass",
        "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "inheritance" : 2,
        "dn" : "dn",
        "id" : 3,
        "domainId" : 4
      }
    ]
  }
}
```



```
        "excluded" : true,  
        "displayName" : "displayName",  
        "domain" : "domain",  
        "dn" : "dn",  
        "id" : 9,  
        "sid" : "sid"  
    } ]  
} ]  
},  
"id" : 0,  
"ruleId" : 1,  
"domainId" : 6,  
"enabled" : true,  
"actionMask" : 5  
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

```
delete /api/v{version}/protector/domain/policies/{policyId}
```

(apiVversionProtectorDomainPoliciesPolicyIdDelete)

## Path parameters

policyId (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

### [Up](#)

```
get /api/v{version}/protector/domain/policies/{policyId}
```

(apiVversionProtectorDomainPoliciesPolicyIdGet)

## Path parameters

policyId (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

array[[DomainProtectionPolicy](#)]

## Example data

Content-Type: application/json

```
[ {
  "rule" : {
    "builtIn" : true,
    "name" : "name",
    "description" : "description",
    "id" : 5,
    "defaultAllow" : true,
    "filters" : [ {
      "objectClasses" : [ "objectClasses", "objectClasses" ],
      "objects" : [ {
        "excluded" : true,
        "displayName" : "displayName",
        "objectClass" : "objectClass",
        "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "inheritance" : 2,
        "dn" : "dn",
        "id" : 3,
        "domainId" : 4
      }, {
        "excluded" : true,
        "displayName" : "displayName",
        "objectClass" : "objectClass",
        "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "inheritance" : 2,
        "dn" : "dn",
        "id" : 3,
        "domainId" : 4
      }
    ],
    "eventMask" : 7,
    "attributes" : [ "attributes", "attributes" ],
    "id" : 2,
    "accounts" : [ {
      "excluded" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "dn" : "dn",
      "id" : 9,
      "sid" : "sid"
    }, {
      "excluded" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "dn" : "dn",
      "id" : 9,
      "sid" : "sid"
    }
  ],
  "objectClasses" : [ "objectClasses", "objectClasses" ],
  "objects" : [ {
    "excluded" : true,
    "displayName" : "displayName",
```

```

    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  } ],
  "eventMask" : 7,
  "attributes" : [ "attributes", "attributes" ],
  "id" : 2,
  "accounts" : [ {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  } ]
} ]
},
"ruleId" : 1,
"domainId" : 6,
"enabled" : true,
"actionMask" : 5
}, {
  "rule" : {
    "builtIn" : true,
    "name" : "name",
    "description" : "description",
    "id" : 5,
    "defaultAllow" : true,
    "filters" : [ {
      "objectClasses" : [ "objectClasses", "objectClasses" ],
      "objects" : [ {

```

```

    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  } ],
  "eventMask" : 7,
  "attributes" : [ "attributes", "attributes" ],
  "id" : 2,
  "accounts" : [ {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  } ]
}, {
  "objectClasses" : [ "objectClasses", "objectClasses" ],
  "objects" : [ {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",

```

```
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  } ],
  "eventMask" : 7,
  "attributes" : [ "attributes", "attributes" ],
  "id" : 2,
  "accounts" : [ {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  } ]
} ]
},
"ruleId" : 1,
"domainId" : 6,
"enabled" : true,
"actionMask" : 5
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

## [Up](#)

```
post /api/v{version}/protector/domain/policies
```

(apiVversionProtectorDomainPoliciesPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DomainProtectionPolicy](#) (optional)

Body Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

[Up](#)

```
put /api/v{version}/protector/policies
```

(apiVversionProtectorPoliciesPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DomainProtectionPolicy](#) (optional)

Body Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

### [Up](#)

get `/api/v{version}/protector/rules`

(`apiVversionProtectorRulesGet`)

## Path parameters

version (required)

Path Parameter –

## Return type

array[[ProtectionRule](#)]

## Example data

Content-Type: `application/json`

```
[ {
  "builtIn" : true,
  "name" : "name",
  "description" : "description",
  "id" : 5,
  "defaultAllow" : true,
  "filters" : [ {
    "objectClasses" : [ "objectClasses", "objectClasses" ],
    "objects" : [ {
      "excluded" : true,
      "displayName" : "displayName",
      "objectClass" : "objectClass",
      "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "inheritance" : 2,
      "dn" : "dn",
      "id" : 3,
```

```
    "domainId" : 4
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  } ],
  "eventMask" : 7,
  "attributes" : [ "attributes", "attributes" ],
  "id" : 2,
  "accounts" : [ {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  } ]
}, {
  "objectClasses" : [ "objectClasses", "objectClasses" ],
  "objects" : [ {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  } ],
  "eventMask" : 7,
```

```

    "attributes" : [ "attributes", "attributes" ],
    "id" : 2,
    "accounts" : [ {
      "excluded" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "dn" : "dn",
      "id" : 9,
      "sid" : "sid"
    }, {
      "excluded" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "dn" : "dn",
      "id" : 9,
      "sid" : "sid"
    } ]
  } ]
}, {
  "builtIn" : true,
  "name" : "name",
  "description" : "description",
  "id" : 5,
  "defaultAllow" : true,
  "filters" : [ {
    "objectClasses" : [ "objectClasses", "objectClasses" ],
    "objects" : [ {
      "excluded" : true,
      "displayName" : "displayName",
      "objectClass" : "objectClass",
      "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "inheritance" : 2,
      "dn" : "dn",
      "id" : 3,
      "domainId" : 4
    }, {
      "excluded" : true,
      "displayName" : "displayName",
      "objectClass" : "objectClass",
      "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "inheritance" : 2,
      "dn" : "dn",
      "id" : 3,
      "domainId" : 4
    } ] ],
  "eventMask" : 7,
  "attributes" : [ "attributes", "attributes" ],
  "id" : 2,
  "accounts" : [ {
    "excluded" : true,
    "displayName" : "displayName",

```

```
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  } ]
}, {
  "objectClasses" : [ "objectClasses", "objectClasses" ],
  "objects" : [ {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "objectClass" : "objectClass",
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "inheritance" : 2,
    "dn" : "dn",
    "id" : 3,
    "domainId" : 4
  } ],
  "eventMask" : 7,
  "attributes" : [ "attributes", "attributes" ],
  "id" : 2,
  "accounts" : [ {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  }, {
    "excluded" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "dn" : "dn",
    "id" : 9,
    "sid" : "sid"
  } ]
}
```

```
} ]  
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

```
post /api/v{version}/protector/rules
```

(`apiVversionProtectorRulesPost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ProtectionRule](#) (optional)

Body Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

### [Up](#)

```
put /api/v{version}/protector/rules
```

(apiVversionProtectorRulesPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ProtectionRule](#) (optional)

Body Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

### [Up](#)

`delete /api/v{version}/protector/rules/{ruleId}`

(`apiVversionProtectorRulesRuleIdDelete`)

## Path parameters

`ruleId` (required)

Path Parameter – format: int32

`version` (required)

Path Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

### [Up](#)

```
get /api/v{version}/protector/rules/{ruleId}
```

(apiVversionProtectorRulesRuleIdGet)

## Path parameters

ruleId (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[ProtectionRule](#)

## Example data

Content-Type: application/json

```
{
  "builtIn" : true,
  "name" : "name",
  "description" : "description",
  "id" : 5,
  "defaultAllow" : true,
  "filters" : [ {
    "objectClasses" : [ "objectClasses", "objectClasses" ],
    "objects" : [ {
      "excluded" : true,
      "displayName" : "displayName",
      "objectClass" : "objectClass",
      "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "inheritance" : 2,
      "dn" : "dn",
      "id" : 3,
      "domainId" : 4
    }, {
      "excluded" : true,
      "displayName" : "displayName",
      "objectClass" : "objectClass",
      "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "inheritance" : 2,
      "dn" : "dn",
      "id" : 3,
      "domainId" : 4
    } ],
    "eventMask" : 7,
    "attributes" : [ "attributes", "attributes" ],
    "id" : 2,
    "accounts" : [ {
      "excluded" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "dn" : "dn",
      "id" : 9,
      "sid" : "sid"
    }, {
      "excluded" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "dn" : "dn",
      "id" : 9,
      "sid" : "sid"
    } ]
  }, {
```

```
"objectClasses" : [ "objectClasses", "objectClasses" ],
"objects" : [ {
  "excluded" : true,
  "displayName" : "displayName",
  "objectClass" : "objectClass",
  "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "inheritance" : 2,
  "dn" : "dn",
  "id" : 3,
  "domainId" : 4
}, {
  "excluded" : true,
  "displayName" : "displayName",
  "objectClass" : "objectClass",
  "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "inheritance" : 2,
  "dn" : "dn",
  "id" : 3,
  "domainId" : 4
} ],
"eventMask" : 7,
"attributes" : [ "attributes", "attributes" ],
"id" : 2,
"accounts" : [ {
  "excluded" : true,
  "displayName" : "displayName",
  "domain" : "domain",
  "dn" : "dn",
  "id" : 9,
  "sid" : "sid"
}, {
  "excluded" : true,
  "displayName" : "displayName",
  "domain" : "domain",
  "dn" : "dn",
  "id" : 9,
  "sid" : "sid"
} ]
} ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [ProtectionRule](#)

---

# Proxy

## [Up](#)

```
post /api/v{version}/system/config/proxy/delete
```

(apiVversionSystemConfigProxyDeletePost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [AccountCredentials](#) (optional)

Body Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

[Up](#)

`get /api/v{version}/system/config/proxy`

(`apiVversionSystemConfigProxyGet`)

## Path parameters

version (required)

Path Parameter –

## Return type

[ProxyConfigurationWeb](#)

## Example data

Content-Type: application/json

```
{
  "server" : "server",
  "isProxyToBeUsed" : true,
  "port" : 0,
  "userCredentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isSpecificUserToBeUsed" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`

- `text/json`

## Responses

200

Success [ProxyConfigurationWeb](#)

---

### [Up](#)

```
post /api/v{version}/system/config/proxy
```

(`apiVversionSystemConfigProxyPost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ProxyConfigurationWeb](#) (optional)

Body Parameter –

## Return type

[ProxyConfigurationWeb](#)

## Example data

Content-Type: `application/json`

```
{
  "server" : "server",
  "isProxyToBeUsed" : true,
  "port" : 0,
```

```
"userCredentials" : {  
  "password" : "password",  
  "username" : "username"  
},  
"isSpecificUserToBeUsed" : true  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ProxyConfigurationWeb](#)

---

### [Up](#)

```
put /api/v{version}/system/config/proxy
```

(`apiVversionSystemConfigProxyPut`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ProxyConfigurationWeb](#) (optional)

Body Parameter –

## Return type

[ProxyConfigurationWeb](#)

## Example data

Content-Type: application/json

```
{
  "server" : "server",
  "isProxyToBeUsed" : true,
  "port" : 0,
  "userCredentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isSpecificUserToBeUsed" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [ProxyConfigurationWeb](#)

---

### [Up](#)

get /api/v{version}/system/config/proxy/status

(apiVversionSystemConfigProxyStatusGet)

## Path parameters

version (required)

Path Parameter –

## Return type

### [ConfigurationStatus](#)

## Example data

Content-Type: application/json

```
{
  "isConfigured" : true,
  "item" : 0,
  "displayName" : "displayName"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ConfigurationStatus](#)

---

### [Up](#)

```
post /api/v{version}/system/config/proxy/test
```

(apiVversionSystemConfigProxyTestPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`

- `text/json`
- `application/*+json`

## Request body

body [ProxyConfigurationWeb](#) (optional)  
Body Parameter –

## Query parameters

url (optional)  
Query Parameter – format: uri

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

[Up](#)

post `/api/v{version}/system/config/proxy/verify`

(apiVversionSystemConfigProxyVerifyPost)

## Path parameters

version (required)  
Path Parameter –

## Query parameters

url (optional)  
Query Parameter – format: uri

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{  
  "isSuccessful" : true,  
  "message" : "message",  
  "status" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [CygApiResponseBase](#)

---

# Recovery

## [Up](#)

```
get /api/v{version}/collectors/activedirectory/recovery
```

```
(apiVversionCollectorsActivedirectoryRecoveryGet)
```

## Path parameters

version (required)

Path Parameter –

## Query parameters

domain (optional)

Query Parameter – format: int32

type (optional)

Query Parameter –

days (optional)

Query Parameter – default: 0 format: int32

limit (optional)

Query Parameter – default: 0 format: int32

## Return type

### [DeletedObject](#)

## Example data

Content-Type: application/json

```
{
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 1,
  "deletedOn" : "2000-01-23T04:56:07.000+00:00",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
  "distinguishedName" : "distinguishedName",
  "dn" : "dn",
  "lastKnownParent" : "lastKnownParent",
  "timeLeftBeforePurge" : "timeLeftBeforePurge",
  "ldapName" : "ldapName",
  "managerEmail" : "managerEmail",
  "hasInferiors" : true,
```

```

"userPrincipalName" : "userPrincipalName",
"userAccountControl" : 0,
"msdsPrincipalName" : "msdsPrincipalName",
"objectClass" : "objectClass",
"cn" : "cn",
"rawValues" : {
  "key" : [ "", "" ]
},
"showInAdvancedViewOnly" : true,
"domain" : "domain",
"objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"name" : "name",
"objectSid" : "objectSid",
"attributes" : [ {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
}, {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
} ],
"pwdLastSet" : 6
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [DeletedObject](#)

---

[Up](#)

```
post /api/v{version}/collectors/activedirectory/recovery/password
(apiVversionCollectorsActivedirectoryRecoveryPasswordPost)
```

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [RecoveryRequest](#) (optional)  
Body Parameter –

## Return type

Boolean

## Example data

Content-Type: application/json

```
true
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Boolean](#)

---

[Up](#)

`post /api/v{version}/collectors/activedirectory/recovery`

`(apiVversionCollectorsActivedirectoryRecoveryPost)`

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [RecoveryRequest](#) (optional)

Body Parameter –

## Return type

[BooleanCygTResultBase](#)

## Example data

Content-Type: `application/json`

```
{
  "exception" : {
    "helpLink" : "helpLink",
    "data" : {
      "key" : ""
    },
    "targetSite" : {
      "isStatic" : true,
      "metadataToken" : 2,
      "isAssembly" : true,
      "isCollectible" : true,
      "isHideBySig" : true,
      "isSecurityTransparent" : true,
      "isPrivate" : true,
      "isSecuritySafeCritical" : true,
      "isPublic" : true,
      "isGenericMethod" : true,
      "isFinal" : true,
      "containsGenericParameters" : true,
      "declaringType" : {
        "isSealed" : true,
        "genericParameterPosition" : 1,
        "isAnsiClass" : true,
        "metadataToken" : 6,
        "isContextful" : true,
        "isLayoutSequential" : true,
        "isCollectible" : true,
        "isNestedFamANDAssem" : true,
        "isExplicitLayout" : true,
        "isTypeDefinition" : true,
        "isSecuritySafeCritical" : true,
        "isGenericTypeDefinition" : true,
        "isNestedPrivate" : true,
        "isVariableBoundArray" : true,
        "isInterface" : true,
        "isNestedPublic" : true,
        "isUnicodeClass" : true,
        "isNestedAssembly" : true,
        "isAutoLayout" : true,
        "isPointer" : true,
        "isSpecialName" : true,
        "isVisible" : true,
        "isSecurityCritical" : true,
        "isNotPublic" : true,
        "isNestedFamORAssem" : true,
        "isMarshalByRef" : true,
        "isGenericParameter" : true,
        "isByRef" : true,
        "name" : "name",
        "isSerializable" : true,
        "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
```

```
"isArray" : true,
"isPrimitive" : true,
"customAttributes" : [ {
  "namedArguments" : [ {
    "isField" : true,
    "memberName" : "memberName"
  }, {
    "isField" : true,
    "memberName" : "memberName"
  } ],
"constructor" : {
  "isStatic" : true,
  "metadataToken" : 3,
  "isAssembly" : true,
  "isCollectible" : true,
  "isHideBySig" : true,
  "isSecurityTransparent" : true,
  "isPrivate" : true,
  "isSecuritySafeCritical" : true,
  "isPublic" : true,
  "isGenericMethod" : true,
  "isFinal" : true,
  "containsGenericParameters" : true,
  "isGenericMethodDefinition" : true,
  "module" : {
    "metadataToken" : 6,
    "mdStreamVersion" : 8,
    "scopeName" : "scopeName",
    "assembly" : {
      "isDynamic" : true,
      "codeBase" : "codeBase",
      "isCollectible" : true,
      "escapedCodeBase" : "escapedCodeBase",
      "fullName" : "fullName",
      "reflectionOnly" : true,
      "modules" : [ null, null ],
      "hostContext" : 9,
      "definedTypes" : [ {
        "isSealed" : true,
        "genericParameterPosition" : 5,
        "isAnsiClass" : true,
        "metadataToken" : 1,
        "isContextful" : true,
        "isLayoutSequential" : true,
        "isCollectible" : true,
        "isNestedFamANDAssem" : true,
        "isExplicitLayout" : true,
        "isTypeDefinition" : true,
        "isSecuritySafeCritical" : true,
        "declaredConstructors" : [ null, null ],
        "isGenericTypeDefinition" : true,
```

```
    "declaredFields" : [ {
      "isStatic" : true,
      "metadataToken" : 1,
      "isAssembly" : true,
      "isCollectible" : true,
      "isSecurityTransparent" : true,
      "isPrivate" : true,
      "isNotSerialized" : true,
      "isSecuritySafeCritical" : true,
      "fieldHandle" : { },
      "isInitOnly" : true,
      "isPublic" : true,
      "isFamilyOrAssembly" : true,
      "isSpecialName" : true,
      "isFamily" : true,
      "isSecurityCritical" : true,
      "isPinvokeImpl" : true,
      "isLiteral" : true,
      "isFamilyAndAssembly" : true,
      "name" : "name",
      "attributes" : 4,
      "customAttributes" : [ null, null ]
    }, {
      "isStatic" : true,
      "metadataToken" : 1,
      "isAssembly" : true,
      "isCollectible" : true,
      "isSecurityTransparent" : true,
      "isPrivate" : true,
      "isNotSerialized" : true,
      "isSecuritySafeCritical" : true,
      "fieldHandle" : { },
      "isInitOnly" : true,
      "isPublic" : true,
      "isFamilyOrAssembly" : true,
      "isSpecialName" : true,
      "isFamily" : true,
      "isSecurityCritical" : true,
      "isPinvokeImpl" : true,
      "isLiteral" : true,
      "isFamilyAndAssembly" : true,
      "name" : "name",
      "attributes" : 4,
      "customAttributes" : [ null, null ]
    } ],
    "declaredMembers" : [ null, null ],
    "isNestedPrivate" : true,
    "isVariableBoundArray" : true,
    "isInterface" : true,
    "isNestedPublic" : true,
    "isUnicodeClass" : true,
```

```
"isNestedAssembly" : true,
"isAutoLayout" : true,
"isPointer" : true,
"isSpecialName" : true,
"isVisible" : true,
"isSecurityCritical" : true,
"isNotPublic" : true,
"isNestedFamORAssem" : true,
"isMarshalByRef" : true,
"isGenericParameter" : true,
"isByRef" : true,
"genericTypeParameters" : [ null, null ],
"name" : "name",
"isSerializable" : true,
"guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"isArray" : true,
"declaredNestedTypes" : [ null, null ],
"isPrimitive" : true,
"customAttributes" : [ null, null ],
"isCOMObject" : true,
"isGenericTypeParameter" : true,
"isGenericMethodParameter" : true,
"isSecurityTransparent" : true,
"declaredMethods" : [ null, null ],
"genericParameterAttributes" : 5,
"isAutoClass" : true,
"assemblyQualifiedName" : "assemblyQualifiedName",
"isValueType" : true,
"isGenericType" : true,
"isPublic" : true,
"containsGenericParameters" : true,
"isByRefLike" : true,
"isClass" : true,
"isImport" : true,
"typeHandle" : {
  "value" : { }
},
"declaredProperties" : [ {
  "metadataToken" : 5,
  "canRead" : true,
  "isCollectible" : true,
  "canWrite" : true,
  "isSpecialName" : true,
  "name" : "name",
  "attributes" : 9,
  "customAttributes" : [ null, null ]
}, {
  "metadataToken" : 5,
  "canRead" : true,
  "isCollectible" : true,
  "canWrite" : true,
```

```
        "isSpecialName" : true,
        "name" : "name",
        "attributes" : 9,
        "customAttributes" : [ null, null ]
    } ],
    "isNested" : true,
    "fullName" : "fullName",
    "isEnum" : true,
    "isAbstract" : true,
    "isSignatureType" : true,
    "declaredEvents" : [ {
        "metadataToken" : 9,
        "isCollectible" : true,
        "isSpecialName" : true,
        "name" : "name",
        "attributes" : 3,
        "isMulticast" : true,
        "customAttributes" : [ null, null ],
        "addMethod" : {
            "isStatic" : true,
            "methodHandle" : { },
            "returnTypeCustomAttributes" : { },
            "metadataToken" : 2,
            "callingConvention" : 1,
            "isAssembly" : true,
            "returnParameter" : {
                "hasDefaultValue" : true,
                "metadataToken" : 7,
                "defaultValue" : "",
                "isOptional" : true,
                "rawDefaultValue" : "",
                "isRetVal" : true,
                "member" : {
                    "metadataToken" : 1,
                    "isCollectible" : true,
                    "name" : "name",
                    "customAttributes" : [ null, null ]
                }
            },
            "name" : "name",
            "isLcid" : true,
            "isOut" : true,
            "attributes" : 1,
            "position" : 6,
            "isIn" : true,
            "customAttributes" : [ null, null ]
        },
        "isCollectible" : true,
        "isHideBySig" : true,
        "isSecurityTransparent" : true,
        "isPrivate" : true,
        "isSecuritySafeCritical" : true,
```

```

        "methodImplementationFlags" : 7,
        "isPublic" : true,
        "isGenericMethod" : true,
        "isFinal" : true,
        "containsGenericParameters" : true,
        "isGenericMethodDefinition" : true,
        "isFamilyOrAssembly" : true,
        "isSpecialName" : true,
        "isFamily" : true,
        "isSecurityCritical" : true,
        "isAbstract" : true,
        "isConstructedGenericMethod" : true,
        "isConstructor" : true,
        "isFamilyAndAssembly" : true,
        "name" : "name",
        "attributes" : 4,
        "isVirtual" : true,
        "customAttributes" : [ null, null ]
    }
}, {
    "metadataToken" : 9,
    "isCollectible" : true,
    "isSpecialName" : true,
    "name" : "name",
    "attributes" : 3,
    "isMulticast" : true,
    "customAttributes" : [ null, null ],
    "addMethod" : {
        "isStatic" : true,
        "methodHandle" : { },
        "returnTypeCustomAttributes" : { },
        "metadataToken" : 2,
        "callingConvention" : 1,
        "isAssembly" : true,
        "returnParameter" : {
            "hasDefaultValue" : true,
            "metadataToken" : 7,
            "defaultValue" : "",
            "isOptional" : true,
            "rawDefaultValue" : "",
            "isRetVal" : true,
            "member" : {
                "metadataToken" : 1,
                "isCollectible" : true,
                "name" : "name",
                "customAttributes" : [ null, null ]
            },
            "name" : "name",
            "isLcid" : true,
            "isOut" : true,
            "attributes" : 1,

```

```

        "position" : 6,
        "isIn" : true,
        "customAttributes" : [ null, null ]
    },
    "isCollectible" : true,
    "isHideBySig" : true,
    "isSecurityTransparent" : true,
    "isPrivate" : true,
    "isSecuritySafeCritical" : true,
    "methodImplementationFlags" : 7,
    "isPublic" : true,
    "isGenericMethod" : true,
    "isFinal" : true,
    "containsGenericParameters" : true,
    "isGenericMethodDefinition" : true,
    "isFamilyOrAssembly" : true,
    "isSpecialName" : true,
    "isFamily" : true,
    "isSecurityCritical" : true,
    "isAbstract" : true,
    "isConstructedGenericMethod" : true,
    "isConstructor" : true,
    "isFamilyAndAssembly" : true,
    "name" : "name",
    "attributes" : 4,
    "isVirtual" : true,
    "customAttributes" : [ null, null ]
}
} ],
"implementedInterfaces" : [ null, null ],
"isSZArray" : true,
"isNestedFamily" : true,
"structLayoutAttribute" : {
    "typeId" : "",
    "value" : 7
},
"namespace" : "namespace",
"genericTypeArguments" : [ null, null ],
"isConstructedGenericType" : true,
"attributes" : 2,
"hasElementType" : true
}, {
    "isSealed" : true,
    "genericParameterPosition" : 5,
    "isAnsiClass" : true,
    "metadataToken" : 1,
    "isContextful" : true,
    "isLayoutSequential" : true,
    "isCollectible" : true,
    "isNestedFamANDAssem" : true,
    "isExplicitLayout" : true,

```

```
"isTypeDefinition" : true,
"isSecuritySafeCritical" : true,
"declaredConstructors" : [ null, null ],
"isGenericTypeDefinition" : true,
"declaredFields" : [ {
  "isStatic" : true,
  "metadataToken" : 1,
  "isAssembly" : true,
  "isCollectible" : true,
  "isSecurityTransparent" : true,
  "isPrivate" : true,
  "isNotSerialized" : true,
  "isSecuritySafeCritical" : true,
  "fieldHandle" : { },
  "isInitOnly" : true,
  "isPublic" : true,
  "isFamilyOrAssembly" : true,
  "isSpecialName" : true,
  "isFamily" : true,
  "isSecurityCritical" : true,
  "isPinvokeImpl" : true,
  "isLiteral" : true,
  "isFamilyAndAssembly" : true,
  "name" : "name",
  "attributes" : 4,
  "customAttributes" : [ null, null ]
}, {
  "isStatic" : true,
  "metadataToken" : 1,
  "isAssembly" : true,
  "isCollectible" : true,
  "isSecurityTransparent" : true,
  "isPrivate" : true,
  "isNotSerialized" : true,
  "isSecuritySafeCritical" : true,
  "fieldHandle" : { },
  "isInitOnly" : true,
  "isPublic" : true,
  "isFamilyOrAssembly" : true,
  "isSpecialName" : true,
  "isFamily" : true,
  "isSecurityCritical" : true,
  "isPinvokeImpl" : true,
  "isLiteral" : true,
  "isFamilyAndAssembly" : true,
  "name" : "name",
  "attributes" : 4,
  "customAttributes" : [ null, null ]
} ],
"declaredMembers" : [ null, null ],
"isNestedPrivate" : true,
```

```
"isVariableBoundArray" : true,
"isInterface" : true,
"isNestedPublic" : true,
"isUnicodeClass" : true,
"isNestedAssembly" : true,
"isAutoLayout" : true,
"isPointer" : true,
"isSpecialName" : true,
"isVisible" : true,
"isSecurityCritical" : true,
"isNotPublic" : true,
"isNestedFamORAssem" : true,
"isMarshalByRef" : true,
"isGenericParameter" : true,
"isByRef" : true,
"genericTypeParameters" : [ null, null ],
"name" : "name",
"isSerializable" : true,
"guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"isArray" : true,
"declaredNestedTypes" : [ null, null ],
"isPrimitive" : true,
"customAttributes" : [ null, null ],
"isCOMObject" : true,
"isGenericTypeParameter" : true,
"isGenericMethodParameter" : true,
"isSecurityTransparent" : true,
"declaredMethods" : [ null, null ],
"genericParameterAttributes" : 5,
"isAutoClass" : true,
"assemblyQualifiedName" : "assemblyQualifiedName",
"isValueType" : true,
"isGenericType" : true,
"isPublic" : true,
"containsGenericParameters" : true,
"isByRefLike" : true,
"isClass" : true,
"isImport" : true,
"typeHandle" : {
  "value" : { }
},
"declaredProperties" : [ {
  "metadataToken" : 5,
  "canRead" : true,
  "isCollectible" : true,
  "canWrite" : true,
  "isSpecialName" : true,
  "name" : "name",
  "attributes" : 9,
  "customAttributes" : [ null, null ]
}, {
```

```
        "metadataToken" : 5,
        "canRead" : true,
        "isCollectible" : true,
        "canWrite" : true,
        "isSpecialName" : true,
        "name" : "name",
        "attributes" : 9,
        "customAttributes" : [ null, null ]
    } ],
    "isNested" : true,
    "fullName" : "fullName",
    "isEnum" : true,
    "isAbstract" : true,
    "isSignatureType" : true,
    "declaredEvents" : [ {
        "metadataToken" : 9,
        "isCollectible" : true,
        "isSpecialName" : true,
        "name" : "name",
        "attributes" : 3,
        "isMulticast" : true,
        "customAttributes" : [ null, null ],
        "addMethod" : {
            "isStatic" : true,
            "methodHandle" : { },
            "returnTypeCustomAttributes" : { },
            "metadataToken" : 2,
            "callingConvention" : 1,
            "isAssembly" : true,
            "returnParameter" : {
                "hasDefaultValue" : true,
                "metadataToken" : 7,
                "defaultValue" : "",
                "isOptional" : true,
                "rawDefaultValue" : "",
                "isRetVal" : true,
                "member" : {
                    "metadataToken" : 1,
                    "isCollectible" : true,
                    "name" : "name",
                    "customAttributes" : [ null, null ]
                }
            },
            "name" : "name",
            "isLcid" : true,
            "isOut" : true,
            "attributes" : 1,
            "position" : 6,
            "isIn" : true,
            "customAttributes" : [ null, null ]
        },
        "isCollectible" : true,
```

```
        "isHideBySig" : true,
        "isSecurityTransparent" : true,
        "isPrivate" : true,
        "isSecuritySafeCritical" : true,
        "methodImplementationFlags" : 7,
        "isPublic" : true,
        "isGenericMethod" : true,
        "isFinal" : true,
        "containsGenericParameters" : true,
        "isGenericMethodDefinition" : true,
        "isFamilyOrAssembly" : true,
        "isSpecialName" : true,
        "isFamily" : true,
        "isSecurityCritical" : true,
        "isAbstract" : true,
        "isConstructedGenericMethod" : true,
        "isConstructor" : true,
        "isFamilyAndAssembly" : true,
        "name" : "name",
        "attributes" : 4,
        "isVirtual" : true,
        "customAttributes" : [ null, null ]
    }
}, {
    "metadataToken" : 9,
    "isCollectible" : true,
    "isSpecialName" : true,
    "name" : "name",
    "attributes" : 3,
    "isMulticast" : true,
    "customAttributes" : [ null, null ],
    "addMethod" : {
        "isStatic" : true,
        "methodHandle" : { },
        "returnTypeCustomAttributes" : { },
        "metadataToken" : 2,
        "callingConvention" : 1,
        "isAssembly" : true,
        "returnParameter" : {
            "hasDefaultValue" : true,
            "metadataToken" : 7,
            "defaultValue" : "",
            "isOptional" : true,
            "rawDefaultValue" : "",
            "isRetVal" : true,
            "member" : {
                "metadataToken" : 1,
                "isCollectible" : true,
                "name" : "name",
                "customAttributes" : [ null, null ]
            }
        }
    }
},
```

```

        "name" : "name",
        "isLcid" : true,
        "isOut" : true,
        "attributes" : 1,
        "position" : 6,
        "isIn" : true,
        "customAttributes" : [ null, null ]
    },
    "isCollectible" : true,
    "isHideBySig" : true,
    "isSecurityTransparent" : true,
    "isPrivate" : true,
    "isSecuritySafeCritical" : true,
    "methodImplementationFlags" : 7,
    "isPublic" : true,
    "isGenericMethod" : true,
    "isFinal" : true,
    "containsGenericParameters" : true,
    "isGenericMethodDefinition" : true,
    "isFamilyOrAssembly" : true,
    "isSpecialName" : true,
    "isFamily" : true,
    "isSecurityCritical" : true,
    "isAbstract" : true,
    "isConstructedGenericMethod" : true,
    "isConstructor" : true,
    "isFamilyAndAssembly" : true,
    "name" : "name",
    "attributes" : 4,
    "isVirtual" : true,
    "customAttributes" : [ null, null ]
}
} ],
"implementedInterfaces" : [ null, null ],
"isSZArray" : true,
"isNestedFamily" : true,
"structLayoutAttribute" : {
    "typeId" : "",
    "value" : 7
},
"namespace" : "namespace",
"genericTypeArguments" : [ null, null ],
"isConstructedGenericType" : true,
"attributes" : 2,
"hasElementType" : true
} ],
"exportedTypes" : [ null, null ],
"isFullyTrusted" : true,
"location" : "location",
"globalAssemblyCache" : true,
"imageRuntimeVersion" : "imageRuntimeVersion",

```

```

        "securityRuleSet" : 6,
        "customAttributes" : [ null, null ]
    },
    "name" : "name",
    "moduleVersionId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "moduleHandle" : {
        "mdStreamVersion" : 9
    },
    "fullyQualifiedName" : "fullyQualifiedName",
    "customAttributes" : [ null, null ]
},
"isFamilyOrAssembly" : true,
"isSpecialName" : true,
"isFamily" : true,
"isSecurityCritical" : true,
"isAbstract" : true,
"isConstructedGenericMethod" : true,
"isConstructor" : true,
"isFamilyAndAssembly" : true,
"name" : "name",
"isVirtual" : true,
"customAttributes" : [ null, null ]
},
"constructorArguments" : [ {
    "value" : ""
}, {
    "value" : ""
} ]
}, {
    "namedArguments" : [ {
        "isField" : true,
        "memberName" : "memberName"
    }, {
        "isField" : true,
        "memberName" : "memberName"
    } ],
    "constructor" : {
        "isStatic" : true,
        "metadataToken" : 3,
        "isAssembly" : true,
        "isCollectible" : true,
        "isHideBySig" : true,
        "isSecurityTransparent" : true,
        "isPrivate" : true,
        "isSecuritySafeCritical" : true,
        "isPublic" : true,
        "isGenericMethod" : true,
        "isFinal" : true,
        "containsGenericParameters" : true,
        "isGenericMethodDefinition" : true,
        "module" : {

```

```
"metadataToken" : 6,
"mdStreamVersion" : 8,
"scopeName" : "scopeName",
"assembly" : {
  "isDynamic" : true,
  "codeBase" : "codeBase",
  "isCollectible" : true,
  "escapedCodeBase" : "escapedCodeBase",
  "fullName" : "fullName",
  "reflectionOnly" : true,
  "modules" : [ null, null ],
  "hostContext" : 9,
  "definedTypes" : [ {
    "isSealed" : true,
    "genericParameterPosition" : 5,
    "isAnsiClass" : true,
    "metadataToken" : 1,
    "isContextful" : true,
    "isLayoutSequential" : true,
    "isCollectible" : true,
    "isNestedFamANDAssem" : true,
    "isExplicitLayout" : true,
    "isTypeDefinition" : true,
    "isSecuritySafeCritical" : true,
    "declaredConstructors" : [ null, null ],
    "isGenericTypeDefinition" : true,
    "declaredFields" : [ {
      "isStatic" : true,
      "metadataToken" : 1,
      "isAssembly" : true,
      "isCollectible" : true,
      "isSecurityTransparent" : true,
      "isPrivate" : true,
      "isNotSerialized" : true,
      "isSecuritySafeCritical" : true,
      "fieldHandle" : { },
      "isInitOnly" : true,
      "isPublic" : true,
      "isFamilyOrAssembly" : true,
      "isSpecialName" : true,
      "isFamily" : true,
      "isSecurityCritical" : true,
      "isPinvokeImpl" : true,
      "isLiteral" : true,
      "isFamilyAndAssembly" : true,
      "name" : "name",
      "attributes" : 4,
      "customAttributes" : [ null, null ]
    }, {
      "isStatic" : true,
      "metadataToken" : 1,
```

```
"isAssembly" : true,
"isCollectible" : true,
"isSecurityTransparent" : true,
"isPrivate" : true,
"isNotSerialized" : true,
"isSecuritySafeCritical" : true,
"fieldHandle" : { },
"isInitOnly" : true,
"isPublic" : true,
"isFamilyOrAssembly" : true,
"isSpecialName" : true,
"isFamily" : true,
"isSecurityCritical" : true,
"isPinvokeImpl" : true,
"isLiteral" : true,
"isFamilyAndAssembly" : true,
"name" : "name",
"attributes" : 4,
"customAttributes" : [ null, null ]
} ],
"declaredMembers" : [ null, null ],
"isNestedPrivate" : true,
"isVariableBoundArray" : true,
"isInterface" : true,
"isNestedPublic" : true,
"isUnicodeClass" : true,
"isNestedAssembly" : true,
"isAutoLayout" : true,
"isPointer" : true,
"isSpecialName" : true,
"isVisible" : true,
"isSecurityCritical" : true,
"isNotPublic" : true,
"isNestedFamORAssem" : true,
"isMarshalByRef" : true,
"isGenericParameter" : true,
"isByRef" : true,
"genericTypeParameters" : [ null, null ],
"name" : "name",
"isSerializable" : true,
"guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"isArray" : true,
"declaredNestedTypes" : [ null, null ],
"isPrimitive" : true,
"customAttributes" : [ null, null ],
"isCOMObject" : true,
"isGenericTypeParameter" : true,
"isGenericMethodParameter" : true,
"isSecurityTransparent" : true,
"declaredMethods" : [ null, null ],
"genericParameterAttributes" : 5,
```

```
"isAutoClass" : true,
"assemblyQualifiedName" : "assemblyQualifiedName",
"isValueType" : true,
"isGenericType" : true,
"isPublic" : true,
"containsGenericParameters" : true,
"isByRefLike" : true,
"isClass" : true,
"isImport" : true,
"typeHandle" : {
  "value" : { }
},
"declaredProperties" : [ {
  "metadataToken" : 5,
  "canRead" : true,
  "isCollectible" : true,
  "canWrite" : true,
  "isSpecialName" : true,
  "name" : "name",
  "attributes" : 9,
  "customAttributes" : [ null, null ]
}, {
  "metadataToken" : 5,
  "canRead" : true,
  "isCollectible" : true,
  "canWrite" : true,
  "isSpecialName" : true,
  "name" : "name",
  "attributes" : 9,
  "customAttributes" : [ null, null ]
} ],
"isNested" : true,
"fullName" : "fullName",
"isEnum" : true,
"isAbstract" : true,
"isSignatureType" : true,
"declaredEvents" : [ {
  "metadataToken" : 9,
  "isCollectible" : true,
  "isSpecialName" : true,
  "name" : "name",
  "attributes" : 3,
  "isMulticast" : true,
  "customAttributes" : [ null, null ],
  "addMethod" : {
    "isStatic" : true,
    "methodHandle" : { },
    "returnTypeCustomAttributes" : { },
    "metadataToken" : 2,
    "callingConvention" : 1,
    "isAssembly" : true,
```

```

        "returnParameter" : {
            "hasDefaultValue" : true,
            "metadataToken" : 7,
            "defaultValue" : "",
            "isOptional" : true,
            "rawDefaultValue" : "",
            "isRetVal" : true,
            "member" : {
                "metadataToken" : 1,
                "isCollectible" : true,
                "name" : "name",
                "customAttributes" : [ null, null ]
            },
            "name" : "name",
            "isLcid" : true,
            "isOut" : true,
            "attributes" : 1,
            "position" : 6,
            "isIn" : true,
            "customAttributes" : [ null, null ]
        },
        "isCollectible" : true,
        "isHideBySig" : true,
        "isSecurityTransparent" : true,
        "isPrivate" : true,
        "isSecuritySafeCritical" : true,
        "methodImplementationFlags" : 7,
        "isPublic" : true,
        "isGenericMethod" : true,
        "isFinal" : true,
        "containsGenericParameters" : true,
        "isGenericMethodDefinition" : true,
        "isFamilyOrAssembly" : true,
        "isSpecialName" : true,
        "isFamily" : true,
        "isSecurityCritical" : true,
        "isAbstract" : true,
        "isConstructedGenericMethod" : true,
        "isConstructor" : true,
        "isFamilyAndAssembly" : true,
        "name" : "name",
        "attributes" : 4,
        "isVirtual" : true,
        "customAttributes" : [ null, null ]
    }
}, {
    "metadataToken" : 9,
    "isCollectible" : true,
    "isSpecialName" : true,
    "name" : "name",
    "attributes" : 3,

```

```
"isMulticast" : true,
"customAttributes" : [ null, null ],
"addMethod" : {
  "isStatic" : true,
  "methodHandle" : { },
  "returnTypeCustomAttributes" : { },
  "metadataToken" : 2,
  "callingConvention" : 1,
  "isAssembly" : true,
  "returnParameter" : {
    "hasDefaultValue" : true,
    "metadataToken" : 7,
    "defaultValue" : "",
    "isOptional" : true,
    "rawDefaultValue" : "",
    "isRetVal" : true,
    "member" : {
      "metadataToken" : 1,
      "isCollectible" : true,
      "name" : "name",
      "customAttributes" : [ null, null ]
    }
  },
  "name" : "name",
  "isLcid" : true,
  "isOut" : true,
  "attributes" : 1,
  "position" : 6,
  "isIn" : true,
  "customAttributes" : [ null, null ]
},
"isCollectible" : true,
"isHideBySig" : true,
"isSecurityTransparent" : true,
"isPrivate" : true,
"isSecuritySafeCritical" : true,
"methodImplementationFlags" : 7,
"isPublic" : true,
"isGenericMethod" : true,
"isFinal" : true,
"containsGenericParameters" : true,
"isGenericMethodDefinition" : true,
"isFamilyOrAssembly" : true,
"isSpecialName" : true,
"isFamily" : true,
"isSecurityCritical" : true,
"isAbstract" : true,
"isConstructedGenericMethod" : true,
"isConstructor" : true,
"isFamilyAndAssembly" : true,
"name" : "name",
"attributes" : 4,
```

```

        "isVirtual" : true,
        "customAttributes" : [ null, null ]
    }
} ],
"implementedInterfaces" : [ null, null ],
"isSZArray" : true,
"isNestedFamily" : true,
"structLayoutAttribute" : {
    "typeId" : "",
    "value" : 7
},
"namespace" : "namespace",
"genericTypeArguments" : [ null, null ],
"isConstructedGenericType" : true,
"attributes" : 2,
"hasElementType" : true
}, {
    "isSealed" : true,
    "genericParameterPosition" : 5,
    "isAnsiClass" : true,
    "metadataToken" : 1,
    "isContextful" : true,
    "isLayoutSequential" : true,
    "isCollectible" : true,
    "isNestedFamANDAssem" : true,
    "isExplicitLayout" : true,
    "isTypeDefinition" : true,
    "isSecuritySafeCritical" : true,
    "declaredConstructors" : [ null, null ],
    "isGenericTypeDefinition" : true,
    "declaredFields" : [ {
        "isStatic" : true,
        "metadataToken" : 1,
        "isAssembly" : true,
        "isCollectible" : true,
        "isSecurityTransparent" : true,
        "isPrivate" : true,
        "isNotSerialized" : true,
        "isSecuritySafeCritical" : true,
        "fieldHandle" : { },
        "isInitOnly" : true,
        "isPublic" : true,
        "isFamilyOrAssembly" : true,
        "isSpecialName" : true,
        "isFamily" : true,
        "isSecurityCritical" : true,
        "isPinvokeImpl" : true,
        "isLiteral" : true,
        "isFamilyAndAssembly" : true,
        "name" : "name",
        "attributes" : 4,
    }

```

```

        "customAttributes" : [ null, null ]
    }, {
        "isStatic" : true,
        "metadataToken" : 1,
        "isAssembly" : true,
        "isCollectible" : true,
        "isSecurityTransparent" : true,
        "isPrivate" : true,
        "isNotSerialized" : true,
        "isSecuritySafeCritical" : true,
        "fieldHandle" : { },
        "isInitOnly" : true,
        "isPublic" : true,
        "isFamilyOrAssembly" : true,
        "isSpecialName" : true,
        "isFamily" : true,
        "isSecurityCritical" : true,
        "isPinvokeImpl" : true,
        "isLiteral" : true,
        "isFamilyAndAssembly" : true,
        "name" : "name",
        "attributes" : 4,
        "customAttributes" : [ null, null ]
    } ],
    "declaredMembers" : [ null, null ],
    "isNestedPrivate" : true,
    "isVariableBoundArray" : true,
    "isInterface" : true,
    "isNestedPublic" : true,
    "isUnicodeClass" : true,
    "isNestedAssembly" : true,
    "isAutoLayout" : true,
    "isPointer" : true,
    "isSpecialName" : true,
    "isVisible" : true,
    "isSecurityCritical" : true,
    "isNotPublic" : true,
    "isNestedFamORAssem" : true,
    "isMarshalByRef" : true,
    "isGenericParameter" : true,
    "isByRef" : true,
    "genericTypeParameters" : [ null, null ],
    "name" : "name",
    "isSerializable" : true,
    "guid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "isArray" : true,
    "declaredNestedTypes" : [ null, null ],
    "isPrimitive" : true,
    "customAttributes" : [ null, null ],
    "isCOMObject" : true,
    "isGenericTypeParameter" : true,

```

```
"isGenericMethodParameter" : true,
"isSecurityTransparent" : true,
"declaredMethods" : [ null, null ],
"genericParameterAttributes" : 5,
"isAutoClass" : true,
"assemblyQualifiedName" : "assemblyQualifiedName",
"isValueType" : true,
"isGenericType" : true,
"isPublic" : true,
"containsGenericParameters" : true,
"isByRefLike" : true,
"isClass" : true,
"isImport" : true,
"typeHandle" : {
  "value" : { }
},
"declaredProperties" : [ {
  "metadataToken" : 5,
  "canRead" : true,
  "isCollectible" : true,
  "canWrite" : true,
  "isSpecialName" : true,
  "name" : "name",
  "attributes" : 9,
  "customAttributes" : [ null, null ]
}, {
  "metadataToken" : 5,
  "canRead" : true,
  "isCollectible" : true,
  "canWrite" : true,
  "isSpecialName" : true,
  "name" : "name",
  "attributes" : 9,
  "customAttributes" : [ null, null ]
} ],
"isNested" : true,
"fullName" : "fullName",
"isEnum" : true,
"isAbstract" : true,
"isSignatureType" : true,
"declaredEvents" : [ {
  "metadataToken" : 9,
  "isCollectible" : true,
  "isSpecialName" : true,
  "name" : "name",
  "attributes" : 3,
  "isMulticast" : true,
  "customAttributes" : [ null, null ],
  "addMethod" : {
    "isStatic" : true,
    "methodHandle" : { },
```

```

        "returnTypeCustomAttributes" : { },
        "metadataToken" : 2,
        "callingConvention" : 1,
        "isAssembly" : true,
        "returnParameter" : {
            "hasDefaultValue" : true,
            "metadataToken" : 7,
            "defaultValue" : "",
            "isOptional" : true,
            "rawDefaultValue" : "",
            "isRetVal" : true,
            "member" : {
                "metadataToken" : 1,
                "isCollectible" : true,
                "name" : "name",
                "customAttributes" : [ null, null ]
            },
            "name" : "name",
            "isLcid" : true,
            "isOut" : true,
            "attributes" : 1,
            "position" : 6,
            "isIn" : true,
            "customAttributes" : [ null, null ]
        },
        "isCollectible" : true,
        "isHideBySig" : true,
        "isSecurityTransparent" : true,
        "isPrivate" : true,
        "isSecuritySafeCritical" : true,
        "methodImplementationFlags" : 7,
        "isPublic" : true,
        "isGenericMethod" : true,
        "isFinal" : true,
        "containsGenericParameters" : true,
        "isGenericMethodDefinition" : true,
        "isFamilyOrAssembly" : true,
        "isSpecialName" : true,
        "isFamily" : true,
        "isSecurityCritical" : true,
        "isAbstract" : true,
        "isConstructedGenericMethod" : true,
        "isConstructor" : true,
        "isFamilyAndAssembly" : true,
        "name" : "name",
        "attributes" : 4,
        "isVirtual" : true,
        "customAttributes" : [ null, null ]
    }
}, {
    "metadataToken" : 9,

```

```
"isCollectible" : true,
"isSpecialName" : true,
"name" : "name",
"attributes" : 3,
"isMulticast" : true,
"customAttributes" : [ null, null ],
"addMethod" : {
  "isStatic" : true,
  "methodHandle" : { },
  "returnTypeCustomAttributes" : { },
  "metadataToken" : 2,
  "callingConvention" : 1,
  "isAssembly" : true,
  "returnParameter" : {
    "hasDefaultValue" : true,
    "metadataToken" : 7,
    "defaultValue" : "",
    "isOptional" : true,
    "rawDefaultValue" : "",
    "isRetVal" : true,
    "member" : {
      "metadataToken" : 1,
      "isCollectible" : true,
      "name" : "name",
      "customAttributes" : [ null, null ]
    },
    "name" : "name",
    "isLcid" : true,
    "isOut" : true,
    "attributes" : 1,
    "position" : 6,
    "isIn" : true,
    "customAttributes" : [ null, null ]
  },
  "isCollectible" : true,
  "isHideBySig" : true,
  "isSecurityTransparent" : true,
  "isPrivate" : true,
  "isSecuritySafeCritical" : true,
  "methodImplementationFlags" : 7,
  "isPublic" : true,
  "isGenericMethod" : true,
  "isFinal" : true,
  "containsGenericParameters" : true,
  "isGenericMethodDefinition" : true,
  "isFamilyOrAssembly" : true,
  "isSpecialName" : true,
  "isFamily" : true,
  "isSecurityCritical" : true,
  "isAbstract" : true,
  "isConstructedGenericMethod" : true,
```

```

        "isConstructor" : true,
        "isFamilyAndAssembly" : true,
        "name" : "name",
        "attributes" : 4,
        "isVirtual" : true,
        "customAttributes" : [ null, null ]
    }
} ],
"implementedInterfaces" : [ null, null ],
"isSZArray" : true,
"isNestedFamily" : true,
"structLayoutAttribute" : {
    "typeId" : "",
    "value" : 7
},
"namespace" : "namespace",
"genericTypeArguments" : [ null, null ],
"isConstructedGenericType" : true,
"attributes" : 2,
"hasElementType" : true
} ],
"exportedTypes" : [ null, null ],
"isFullyTrusted" : true,
"location" : "location",
"globalAssemblyCache" : true,
"imageRuntimeVersion" : "imageRuntimeVersion",
"securityRuleSet" : 6,
"customAttributes" : [ null, null ]
},
"name" : "name",
"moduleVersionId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"moduleHandle" : {
    "mdStreamVersion" : 9
},
"fullyQualifiedName" : "fullyQualifiedName",
"customAttributes" : [ null, null ]
},
"isFamilyOrAssembly" : true,
"isSpecialName" : true,
"isFamily" : true,
"isSecurityCritical" : true,
"isAbstract" : true,
"isConstructedGenericMethod" : true,
"isConstructor" : true,
"isFamilyAndAssembly" : true,
"name" : "name",
"isVirtual" : true,
"customAttributes" : [ null, null ]
},
"constructorArguments" : [ {
    "value" : ""

```

```

    }, {
      "value" : ""
    } ]
  } ],
  "isCOMObject" : true,
  "isGenericTypeParameter" : true,
  "isGenericMethodParameter" : true,
  "isSecurityTransparent" : true,
  "isAutoClass" : true,
  "assemblyQualifiedName" : "assemblyQualifiedName",
  "isValueType" : true,
  "isGenericType" : true,
  "isPublic" : true,
  "containsGenericParameters" : true,
  "isByRefLike" : true,
  "isClass" : true,
  "isImport" : true,
  "isNested" : true,
  "fullName" : "fullName",
  "isEnum" : true,
  "isAbstract" : true,
  "isSignatureType" : true,
  "isSZArray" : true,
  "isNestedFamily" : true,
  "namespace" : "namespace",
  "genericTypeArguments" : [ null, null ],
  "isConstructedGenericType" : true,
  "hasElementType" : true
},
"isGenericMethodDefinition" : true,
"isFamilyOrAssembly" : true,
"isSpecialName" : true,
"isFamily" : true,
"isSecurityCritical" : true,
"isAbstract" : true,
"isConstructedGenericMethod" : true,
"isConstructor" : true,
"isFamilyAndAssembly" : true,
"name" : "name",
"memberType" : 6,
"isVirtual" : true,
"customAttributes" : [ null, null ]
},
"stackTrace" : "stackTrace",
"source" : "source",
"message" : "message",
"hResult" : 6
},
"item" : true,
"auditDetails" : "auditDetails",
"isException" : true,

```

```
"count" : 6,  
"message" : "message",  
"items" : [ true, true ],  
"status" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [BooleanCygTResultBase](#)

---

# RemoteLoggerConfiguration

[Up](#)

```
delete /api/v{version}/system/config/remotelogger
```

(apiVversionSystemConfigRemoteloggerDelete)

## Path parameters

version (required)

Path Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [CygApiResponseBase](#)

---

[Up](#)

```
get /api/v{version}/system/config/remotelogger
```

(apiVversionSystemConfigRemoteloggerGet)

## Path parameters

version (required)  
Path Parameter –

## Return type

[RemoteLoggerConfigurationX](#)

## Example data

Content-Type: application/json

```
{  
  "configInfo" : { },  
  "type" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [RemoteLoggerConfigurationX](#)

---

## [Up](#)

post /api/v{version}/system/config/remotelogger

(apiVversionSystemConfigRemoteloggerPost)

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [RemoteLoggerConfigurationX](#) (optional)

Body Parameter –

## Return type

[RemoteLoggerConfigurationX](#)

## Example data

Content-Type: application/json

```
{
  "configInfo" : { },
  "type" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [RemoteLoggerConfigurationX](#)

---

### [Up](#)

```
put /api/v{version}/system/config/remotelogger
```

(apiVversionSystemConfigRemoteloggerPut)

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [RemoteLoggerConfigurationX](#) (optional)  
Body Parameter –

## Return type

[RemoteLoggerConfigurationX](#)

## Example data

Content-Type: application/json

```
{
  "configInfo" : { },
  "type" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [RemoteLoggerConfigurationX](#)



# Report

[Up](#)

```
get /api/v{version}/reports/EventColumnsAlpha
```

(apiVversionReportsEventColumnsAlphaGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

sources (optional)

Query Parameter – format: int32

## Return type

map[String, array[AuditEventColumn]]

## Example data

Content-Type: application/json

```
{
  "key" : [ {
    "isIntersecting" : true,
    "hover" : {
      "addAction" : 5,
      "removeAction" : 2,
      "field" : "field",
      "position" : "position"
    },
    "visible" : true,
    "sources" : [ 0, 0 ],
    "isMetaEventColumn" : true,
    "name" : "name",
    "width" : {
      "default" : 1,
      "value" : 6,
      "minimum" : 5
    },
    "header" : "header",
    "position" : "position",
    "type" : "type"
  }, {
```

```
"isIntersecting" : true,
"hover" : {
  "addAction" : 5,
  "removeAction" : 2,
  "field" : "field",
  "position" : "position"
},
"visible" : true,
"sources" : [ 0, 0 ],
"isMetaEventColumn" : true,
"name" : "name",
"width" : {
  "default" : 1,
  "value" : 6,
  "minimum" : 5
},
"header" : "header",
"position" : "position",
"type" : "type"
} ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

get /api/v{version}/reports/EventColumns

(apiVversionReportsEventColumnsGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

sources (optional)

Query Parameter – format: int32

## Return type

map[String, array[AuditEventColumn]]

## Example data

Content-Type: application/json

```
{
  "key" : [ {
    "isIntersecting" : true,
    "hover" : {
      "addAction" : 5,
      "removeAction" : 2,
      "field" : "field",
      "position" : "position"
    },
    "visible" : true,
    "sources" : [ 0, 0 ],
    "isMetaEventColumn" : true,
    "name" : "name",
    "width" : {
      "default" : 1,
      "value" : 6,
      "minimum" : 5
    },
    "header" : "header",
    "position" : "position",
    "type" : "type"
  }, {
    "isIntersecting" : true,
    "hover" : {
      "addAction" : 5,
      "removeAction" : 2,
      "field" : "field",
      "position" : "position"
    },
    "visible" : true,
    "sources" : [ 0, 0 ],
    "isMetaEventColumn" : true,
    "name" : "name",
    "width" : {
      "default" : 1,
      "value" : 6,
```

```
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
} ]
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

post `/api/v{version}/reports/export`

(`apiVversionReportsExportPost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ReportRunnerJobInfo](#) (optional)

Body Parameter –

## Return type

byte[]

## Example data

Content-Type: application/json

```
""
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [byte\[\]](#)

---

### [Up](#)

```
get /api/v{version}/reports
```

(apiVversionReportsGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

tags (optional)

Query Parameter –

tagIds (optional)

Query Parameter – format: uuid

## Return type

array[[ReportWeb](#)]

## Example data

Content-Type: application/json

```
[ {
  "filter" : [ {
    "childClauses" : [ null, null ],
    "fieldName" : "fieldName",
    "comparison" : 6,
    "values" : [ {
      "value2" : "value2",
      "value" : "value"
    }, {
      "value2" : "value2",
      "value" : "value"
    } ],
    "type" : 0
  }, {
    "childClauses" : [ null, null ],
    "fieldName" : "fieldName",
    "comparison" : 6,
    "values" : [ {
      "value2" : "value2",
      "value" : "value"
    }, {
      "value2" : "value2",
      "value" : "value"
    } ],
    "type" : 0
  } ],
  "access" : {
    "createdByUserId" : "createdByUserId",
    "createdByUserName" : "createdByUserName",
    "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
    "reportId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "modifiedByUserName" : "modifiedByUserName",
    "id" : 5,
    "isPrivate" : true,
    "createdOn" : "2000-01-23T04:56:07.000+00:00",
    "modifiedByUserId" : "modifiedByUserId",
    "createdByUserType" : 5
  },
  "delegatedResources" : [ {
    "resourceId" : "resourceId",
    "id" : 1,
    "accounts" : [ {
```

```
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
}, {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
} ],
"isReadOnly" : true,
"name" : "name",
"description" : "description",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"type" : "type",
"actions" : [ {
  "configuration" : "configuration",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isEnabled" : true,
  "type" : "type"
}, {
  "configuration" : "configuration",
  "credentials" : {
```

```
    "password" : "password",
    "username" : "username"
  },
  "isEnabled" : true,
  "type" : "type"
} ],
"eventColumns" : [ {
  "isIntersecting" : true,
  "hover" : {
    "addAction" : 5,
    "removeAction" : 2,
    "field" : "field",
    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
}, {
  "isIntersecting" : true,
  "hover" : {
    "addAction" : 5,
    "removeAction" : 2,
    "field" : "field",
    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
} ],
"tags" : [ {
  "origin" : 1,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
```

```
    }, {
      "origin" : 1,
      "name" : "name",
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
    } ]
  }, {
    "filter" : [ {
      "childClauses" : [ null, null ],
      "fieldName" : "fieldName",
      "comparison" : 6,
      "values" : [ {
        "value2" : "value2",
        "value" : "value"
      }, {
        "value2" : "value2",
        "value" : "value"
      } ],
      "type" : 0
    }, {
      "childClauses" : [ null, null ],
      "fieldName" : "fieldName",
      "comparison" : 6,
      "values" : [ {
        "value2" : "value2",
        "value" : "value"
      }, {
        "value2" : "value2",
        "value" : "value"
      } ],
      "type" : 0
    } ],
    "access" : {
      "createdByUserId" : "createdByUserId",
      "createdByUsername" : "createdByUsername",
      "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
      "reportId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "modifiedByUsername" : "modifiedByUsername",
      "id" : 5,
      "isPrivate" : true,
      "createdOn" : "2000-01-23T04:56:07.000+00:00",
      "modifiedByUserId" : "modifiedByUserId",
      "createdByUserType" : 5
    },
    "delegatedResources" : [ {
      "resourceId" : "resourceId",
      "id" : 1,
      "accounts" : [ {
        "isReadOnly" : true,
        "displayName" : "displayName",
        "domain" : "domain",
        "objectClass" : 5,

```

```
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
}, {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
} ],
"isReadOnly" : true,
"name" : "name",
"description" : "description",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"type" : "type",
"actions" : [ {
  "configuration" : "configuration",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isEnabled" : true,
  "type" : "type"
}, {
  "configuration" : "configuration",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isEnabled" : true,
```

```
"type" : "type"
} ],
"eventColumns" : [ {
  "isIntersecting" : true,
  "hover" : {
    "addAction" : 5,
    "removeAction" : 2,
    "field" : "field",
    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
}, {
  "isIntersecting" : true,
  "hover" : {
    "addAction" : 5,
    "removeAction" : 2,
    "field" : "field",
    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
} ],
"tags" : [ {
  "origin" : 1,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
}, {
  "origin" : 1,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
```

```
} ]  
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

```
delete /api/v{version}/reports/{id}
```

(apiVversionReportsIdDelete)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{  
  "isSuccessful" : true,  
  "message" : "message",  
  "status" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

### [Up](#)

get `/api/v{version}/reports/{id}`

(`apiVversionReportsIdGet`)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

[ReportWeb](#)

## Example data

Content-Type: application/json

```
{
  "filter" : [ {
    "childClauses" : [ null, null ],
    "fieldName" : "fieldName",
    "comparison" : 6,
    "values" : [ {
      "value2" : "value2",
      "value" : "value"
    }, {
      "value2" : "value2",
      "value" : "value"
    } ],
    "type" : 0
  }
```

```

}, {
  "childClauses" : [ null, null ],
  "fieldName" : "fieldName",
  "comparison" : 6,
  "values" : [ {
    "value2" : "value2",
    "value" : "value"
  }, {
    "value2" : "value2",
    "value" : "value"
  } ],
  "type" : 0
} ],
"access" : {
  "createdByUserId" : "createdByUserId",
  "createdByUsername" : "createdByUsername",
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "reportId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "modifiedByUsername" : "modifiedByUsername",
  "id" : 5,
  "isPrivate" : true,
  "createdOn" : "2000-01-23T04:56:07.000+00:00",
  "modifiedByUserId" : "modifiedByUserId",
  "createdByUserType" : 5
},
"delegatedResources" : [ {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
}, {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",

```

```

    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
} ],
"isReadOnly" : true,
"name" : "name",
"description" : "description",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"type" : "type",
"actions" : [ {
  "configuration" : "configuration",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isEnabled" : true,
  "type" : "type"
}, {
  "configuration" : "configuration",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isEnabled" : true,
  "type" : "type"
} ],
"eventColumns" : [ {
  "isIntersecting" : true,
  "hover" : {
    "addAction" : 5,
    "removeAction" : 2,
    "field" : "field",
    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  }
} ]

```

```

    },
    "header" : "header",
    "position" : "position",
    "type" : "type"
  }, {
    "isIntersecting" : true,
    "hover" : {
      "addAction" : 5,
      "removeAction" : 2,
      "field" : "field",
      "position" : "position"
    },
    "visible" : true,
    "sources" : [ 0, 0 ],
    "isMetaEventColumn" : true,
    "name" : "name",
    "width" : {
      "default" : 1,
      "value" : 6,
      "minimum" : 5
    },
    "header" : "header",
    "position" : "position",
    "type" : "type"
  } ],
  "tags" : [ {
    "origin" : 1,
    "name" : "name",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
  }, {
    "origin" : 1,
    "name" : "name",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
  } ]
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ReportWeb](#)

## Up

```
put /api/v{version}/reports/{id}
```

(apiVversionReportsIdPut)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ReportWeb](#) (optional)

Body Parameter –

## Query parameters

isPrivate (optional)

Query Parameter – default: false

isOwnerToBeReset (optional)

Query Parameter – default: false

## Return type

[ReportWeb](#)

## Example data

Content-Type: application/json

```
{
  "filter" : [ {
    "childClauses" : [ null, null ],
```

```
"fieldName" : "fieldName",
"comparison" : 6,
"values" : [ {
  "value2" : "value2",
  "value" : "value"
}, {
  "value2" : "value2",
  "value" : "value"
} ],
"type" : 0
}, {
  "childClauses" : [ null, null ],
  "fieldName" : "fieldName",
  "comparison" : 6,
  "values" : [ {
    "value2" : "value2",
    "value" : "value"
  }, {
    "value2" : "value2",
    "value" : "value"
  } ],
  "type" : 0
} ],
"access" : {
  "createdByUserId" : "createdByUserId",
  "createdByUsername" : "createdByUsername",
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "reportId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "modifiedByUsername" : "modifiedByUsername",
  "id" : 5,
  "isPrivate" : true,
  "createdOn" : "2000-01-23T04:56:07.000+00:00",
  "modifiedByUserId" : "modifiedByUserId",
  "createdByUserType" : 5
},
"delegatedResources" : [ {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
```

```
    "sid" : "sid"
  } ],
  "type" : 5
}, {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
} ],
"isReadOnly" : true,
"name" : "name",
"description" : "description",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"type" : "type",
"actions" : [ {
  "configuration" : "configuration",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isEnabled" : true,
  "type" : "type"
}, {
  "configuration" : "configuration",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isEnabled" : true,
  "type" : "type"
} ],
"eventColumns" : [ {
  "isIntersecting" : true,
  "hover" : {
    "addAction" : 5,
    "removeAction" : 2,
    "field" : "field",
```

```

    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
}, {
  "isIntersecting" : true,
  "hover" : {
    "addAction" : 5,
    "removeAction" : 2,
    "field" : "field",
    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
} ],
"tags" : [ {
  "origin" : 1,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
}, {
  "origin" : 1,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
} ]
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ReportWeb](#)

---

### [Up](#)

`post /api/v{version}/reports/{id}/tags`

(`apiVversionReportsIdTagsPost`)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [Tag](#) (optional)

Body Parameter –

## Return type

[ReportWeb](#)

## Example data

Content-Type: `application/json`

```
{
  "filter" : [ {
    "childClauses" : [ null, null ],
    "fieldName" : "fieldName",
    "comparison" : 6,
    "values" : [ {
      "value2" : "value2",
      "value" : "value"
    }, {
      "value2" : "value2",
      "value" : "value"
    } ],
    "type" : 0
  }, {
    "childClauses" : [ null, null ],
    "fieldName" : "fieldName",
    "comparison" : 6,
    "values" : [ {
      "value2" : "value2",
      "value" : "value"
    }, {
      "value2" : "value2",
      "value" : "value"
    } ],
    "type" : 0
  } ],
  "access" : {
    "createdByUserId" : "createdByUserId",
    "createdByUsername" : "createdByUsername",
    "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
    "reportId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "modifiedByUsername" : "modifiedByUsername",
    "id" : 5,
    "isPrivate" : true,
    "createdOn" : "2000-01-23T04:56:07.000+00:00",
    "modifiedByUserId" : "modifiedByUserId",
    "createdByUserType" : 5
  },
  "delegatedResources" : [ {
    "resourceId" : "resourceId",
    "id" : 1,
    "accounts" : [ {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,
      "dn" : "dn",
      "sid" : "sid"
    }, {
      "isReadOnly" : true,
      "displayName" : "displayName",
```

```
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
}, {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
} ],
"isReadOnly" : true,
"name" : "name",
"description" : "description",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"type" : "type",
"actions" : [ {
  "configuration" : "configuration",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isEnabled" : true,
  "type" : "type"
}, {
  "configuration" : "configuration",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isEnabled" : true,
  "type" : "type"
} ],
"eventColumns" : [ {
  "isIntersecting" : true,
  "hover" : {
```

```

    "addAction" : 5,
    "removeAction" : 2,
    "field" : "field",
    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
}, {
  "isIntersecting" : true,
  "hover" : {
    "addAction" : 5,
    "removeAction" : 2,
    "field" : "field",
    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
} ],
"tags" : [ {
  "origin" : 1,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
}, {
  "origin" : 1,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
} ]
}

```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ReportWeb](#)

---

### [Up](#)

post `/api/v{version}/reports`

(`apiVversionReportsPost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ReportWeb](#) (optional)

Body Parameter –

## Query parameters

isPrivate (optional)

Query Parameter – default: false

## Return type

[ReportWeb](#)

## Example data

Content-Type: application/json

```
{
  "filter" : [ {
    "childClauses" : [ null, null ],
    "fieldName" : "fieldName",
    "comparison" : 6,
    "values" : [ {
      "value2" : "value2",
      "value" : "value"
    }, {
      "value2" : "value2",
      "value" : "value"
    } ],
    "type" : 0
  }, {
    "childClauses" : [ null, null ],
    "fieldName" : "fieldName",
    "comparison" : 6,
    "values" : [ {
      "value2" : "value2",
      "value" : "value"
    }, {
      "value2" : "value2",
      "value" : "value"
    } ],
    "type" : 0
  } ],
  "access" : {
    "createdByUserId" : "createdByUserId",
    "createdByUserName" : "createdByUserName",
    "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
    "reportId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "modifiedByUserName" : "modifiedByUserName",
    "id" : 5,
    "isPrivate" : true,
    "createdOn" : "2000-01-23T04:56:07.000+00:00",
    "modifiedByUserId" : "modifiedByUserId",
    "createdByUserType" : 5
  },
  "delegatedResources" : [ {
    "resourceId" : "resourceId",
    "id" : 1,
    "accounts" : [ {
      "isReadOnly" : true,
      "displayName" : "displayName",
      "domain" : "domain",
      "objectClass" : 5,

```

```
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
}, {
  "resourceId" : "resourceId",
  "id" : 1,
  "accounts" : [ {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  }, {
    "isReadOnly" : true,
    "displayName" : "displayName",
    "domain" : "domain",
    "objectClass" : 5,
    "dn" : "dn",
    "sid" : "sid"
  } ],
  "type" : 5
} ],
"isReadOnly" : true,
"name" : "name",
"description" : "description",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"type" : "type",
"actions" : [ {
  "configuration" : "configuration",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isEnabled" : true,
  "type" : "type"
}, {
  "configuration" : "configuration",
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isEnabled" : true,
```

```
    "type" : "type"
  } ],
  "eventColumns" : [ {
    "isIntersecting" : true,
    "hover" : {
      "addAction" : 5,
      "removeAction" : 2,
      "field" : "field",
      "position" : "position"
    },
    "visible" : true,
    "sources" : [ 0, 0 ],
    "isMetaEventColumn" : true,
    "name" : "name",
    "width" : {
      "default" : 1,
      "value" : 6,
      "minimum" : 5
    },
    "header" : "header",
    "position" : "position",
    "type" : "type"
  }, {
    "isIntersecting" : true,
    "hover" : {
      "addAction" : 5,
      "removeAction" : 2,
      "field" : "field",
      "position" : "position"
    },
    "visible" : true,
    "sources" : [ 0, 0 ],
    "isMetaEventColumn" : true,
    "name" : "name",
    "width" : {
      "default" : 1,
      "value" : 6,
      "minimum" : 5
    },
    "header" : "header",
    "position" : "position",
    "type" : "type"
  } ],
  "tags" : [ {
    "origin" : 1,
    "name" : "name",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
  }, {
    "origin" : 1,
    "name" : "name",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
```

```
} ]  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ReportWeb](#)

---

# ReportStyling

[Up](#)

```
get /api/v{version}/reportstylings
```

(apiVversionReportstylingsGet)

## Path parameters

version (required)

Path Parameter –

## Return type

array[[ReportStylingX](#)]

## Example data

Content-Type: application/json

```
[ {
  "isItalic" : true,
  "mappings" : {
    "key" : 0
  },
  "textColour" : "textColour",
  "isBold" : true,
  "elementName" : "elementName"
}, {
  "isItalic" : true,
  "mappings" : {
    "key" : 0
  },
  "textColour" : "textColour",
  "isBold" : true,
  "elementName" : "elementName"
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

[Up](#)

post /api/v{version}/reportstylings

(apiVversionReportstylingsPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json-patch+json
- application/json
- text/json
- application/\*+json

## Request body

body [ReportStylingX](#) (optional)

Body Parameter –

## Return type

array[[ReportStylingX](#)]

## Example data

Content-Type: application/json

```
[ {
  "isItalic" : true,
  "mappings" : {
    "key" : 0
  },
  "textColour" : "textColour",
  "isBold" : true,
```

```
"elementName" : "elementName"  
}, {  
  "isItalic" : true,  
  "mappings" : {  
    "key" : 0  
  },  
  "textColour" : "textColour",  
  "isBold" : true,  
  "elementName" : "elementName"  
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

# Role

## Up

```
get /api/v{version}/delegation/roles/accounts
```

List role assignments (apiVversionDelegationRolesAccountsGet)  
Retrieves roles and users these roles are assigned to.

## Path parameters

version (required)  
Path Parameter –

## Return type

### [AccountRoleWeb](#)

## Example data

Content-Type: application/json

```
{
  "roleId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "id" : 0,
  "scopes" : [ {
    "accountRoleId" : 5,
    "displayName" : "displayName",
    "id" : 1,
    "configurationObject" : "configurationObject",
    "type" : 5
  }, {
    "accountRoleId" : 5,
    "displayName" : "displayName",
    "id" : 1,
    "configurationObject" : "configurationObject",
    "type" : 5
  } ],
  "delegationAccount" : {
    "identifier" : "identifier",
    "displayName" : "displayName",
    "roles" : [ {
      "permissions" : [ {
        "code" : 0,
        "visible" : true,
        "configuration" : "configuration",
        "name" : "name",
        "description" : "description",
```

```
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  }, {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
}, {
  "permissions" : [ {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  }, {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
} ],
"name" : "name",
```

```
"id" : 6,  
"type" : "type",  
"enabled" : true,  
"lastLogon" : "2000-01-23T04:56:07.000+00:00"  
}  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [AccountRoleWeb](#)

---

### [Up](#)

get `/api/v{version}/delegation/roles`

List roles (apiVversionDelegationRolesGet)

Retrieves a list of configured roles.

## Path parameters

version (required)

Path Parameter –

## Return type

### [Role](#)

## Example data

Content-Type: application/json

```
{  
  "permissions" : [ {  
    "code" : 0,  
    "visible" : true,  
    "configuration" : "configuration",
```

```

    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  }, {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [Role](#)

### [Up](#)

```
get /api/v{version}/delegation/roles/{id}/accounts/{accountId}
```

Retrieve account details (apiVversionDelegationRolesIdAccountsAccountIdGet)  
Locates and retrieves details of a specific account that is assigned to a certain role.

## Path parameters

id (required)

Path Parameter – The ID of the role format: uuid

accountId (required)

Path Parameter – The ID of the account format: int32

version (required)

Path Parameter –

## Return type

[AccountRoleWeb](#)

## Example data

Content-Type: application/json

```
{
  "roleId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "id" : 0,
  "scopes" : [ {
    "accountRoleId" : 5,
    "displayName" : "displayName",
    "id" : 1,
    "configurationObject" : "configurationObject",
    "type" : 5
  }, {
    "accountRoleId" : 5,
    "displayName" : "displayName",
    "id" : 1,
    "configurationObject" : "configurationObject",
    "type" : 5
  } ],
  "delegationAccount" : {
    "identifier" : "identifier",
    "displayName" : "displayName",
    "roles" : [ {
      "permissions" : [ {
        "code" : 0,
        "visible" : true,
        "configuration" : "configuration",
        "name" : "name",
        "description" : "description",
        "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "category" : "category",
        "shortName" : "shortName",
        "type" : "type",
        "displayPermission" : "displayPermission"
      } ]
    } ]
  }
}
```

```
    }, {
      "code" : 0,
      "visible" : true,
      "configuration" : "configuration",
      "name" : "name",
      "description" : "description",
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "category" : "category",
      "shortName" : "shortName",
      "type" : "type",
      "displayPermission" : "displayPermission"
    } ],
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "type" : 0
  }, {
    "permissions" : [ {
      "code" : 0,
      "visible" : true,
      "configuration" : "configuration",
      "name" : "name",
      "description" : "description",
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "category" : "category",
      "shortName" : "shortName",
      "type" : "type",
      "displayPermission" : "displayPermission"
    }, {
      "code" : 0,
      "visible" : true,
      "configuration" : "configuration",
      "name" : "name",
      "description" : "description",
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "category" : "category",
      "shortName" : "shortName",
      "type" : "type",
      "displayPermission" : "displayPermission"
    } ],
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "type" : 0
  } ],
  "name" : "name",
  "id" : 6,
  "type" : "type",
  "enabled" : true,
  "lastLogon" : "2000-01-23T04:56:07.000+00:00"
}
```

```
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [AccountRoleWeb](#)

---

### [Up](#)

```
put /api/v{version}/delegation/roles/{id}/accounts/{accountId}
```

Update a user role assignment (`apiVversionDelegationRolesIdAccountsAccountIdPut`)  
Locates and modifies a role assignemnt for a specific user account.

## Path parameters

id (required)

Path Parameter – The ID of the role format: uuid

accountId (required)

Path Parameter – The ID of the account format: int32

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [AccountRoleWeb](#) (optional)

Body Parameter –

## Return type

### [AccountRoleWeb](#)

## Example data

Content-Type: application/json

```
{
  "roleId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "id" : 0,
  "scopes" : [ {
    "accountRoleId" : 5,
    "displayName" : "displayName",
    "id" : 1,
    "configurationObject" : "configurationObject",
    "type" : 5
  }, {
    "accountRoleId" : 5,
    "displayName" : "displayName",
    "id" : 1,
    "configurationObject" : "configurationObject",
    "type" : 5
  } ],
  "delegationAccount" : {
    "identifier" : "identifier",
    "displayName" : "displayName",
    "roles" : [ {
      "permissions" : [ {
        "code" : 0,
        "visible" : true,
        "configuration" : "configuration",
        "name" : "name",
        "description" : "description",
        "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "category" : "category",
        "shortName" : "shortName",
        "type" : "type",
        "displayPermission" : "displayPermission"
      }, {
        "code" : 0,
        "visible" : true,
        "configuration" : "configuration",
        "name" : "name",
        "description" : "description",
        "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "category" : "category",
        "shortName" : "shortName",
        "type" : "type",
        "displayPermission" : "displayPermission"
      }
    ]
  }
}
```

```
    } ],
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "type" : 0
  }, {
    "permissions" : [ {
      "code" : 0,
      "visible" : true,
      "configuration" : "configuration",
      "name" : "name",
      "description" : "description",
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "category" : "category",
      "shortName" : "shortName",
      "type" : "type",
      "displayPermission" : "displayPermission"
    }, {
      "code" : 0,
      "visible" : true,
      "configuration" : "configuration",
      "name" : "name",
      "description" : "description",
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "category" : "category",
      "shortName" : "shortName",
      "type" : "type",
      "displayPermission" : "displayPermission"
    } ],
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "type" : 0
  } ],
  "name" : "name",
  "id" : 6,
  "type" : "type",
  "enabled" : true,
  "lastLogon" : "2000-01-23T04:56:07.000+00:00"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [AccountRoleWeb](#)

### Up

```
get /api/v{version}/delegation/roles/{id}/accounts
```

List assignments for a role (apiVversionDelegationRolesIdAccountsGet)

Locates all user accounts assigned to a specific role. Provide 'roleID' as 'id' in the path.

## Path parameters

id (required)

Path Parameter – The ID of the role format: uuid

version (required)

Path Parameter –

## Return type

[AccountRoleWeb](#)

## Example data

Content-Type: application/json

```
{
  "roleId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "id" : 0,
  "scopes" : [ {
    "accountRoleId" : 5,
    "displayName" : "displayName",
    "id" : 1,
    "configurationObject" : "configurationObject",
    "type" : 5
  }, {
    "accountRoleId" : 5,
    "displayName" : "displayName",
    "id" : 1,
    "configurationObject" : "configurationObject",
    "type" : 5
  } ],
  "delegationAccount" : {
    "identifier" : "identifier",
    "displayName" : "displayName",
    "roles" : [ {
```

```
"permissions" : [ {
  "code" : 0,
  "visible" : true,
  "configuration" : "configuration",
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "category" : "category",
  "shortName" : "shortName",
  "type" : "type",
  "displayPermission" : "displayPermission"
}, {
  "code" : 0,
  "visible" : true,
  "configuration" : "configuration",
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "category" : "category",
  "shortName" : "shortName",
  "type" : "type",
  "displayPermission" : "displayPermission"
} ],
"name" : "name",
"description" : "description",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"type" : 0
}, {
  "permissions" : [ {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  }, {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
```

```

    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "type" : 0
  } ],
  "name" : "name",
  "id" : 6,
  "type" : "type",
  "enabled" : true,
  "lastLogon" : "2000-01-23T04:56:07.000+00:00"
}
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [AccountRoleWeb](#)

### [Up](#)

```
post /api/v{version}/delegation/roles/{id}/accounts
```

Create a role assignment (`apiVversionDelegationRolesIdAccountsPost`)  
Adds a new role assignment entry to a role.

## Path parameters

id (required)

Path Parameter – The ID of the role format: uuid

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`

- `text/json`
- `application/*+json`

## Request body

body [AccountRoleWeb](#) (optional)

Body Parameter –

## Return type

[AccountRoleWeb](#)

## Example data

Content-Type: application/json

```
{
  "roleId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "id" : 0,
  "scopes" : [ {
    "accountRoleId" : 5,
    "displayName" : "displayName",
    "id" : 1,
    "configurationObject" : "configurationObject",
    "type" : 5
  }, {
    "accountRoleId" : 5,
    "displayName" : "displayName",
    "id" : 1,
    "configurationObject" : "configurationObject",
    "type" : 5
  } ],
  "delegationAccount" : {
    "identifier" : "identifier",
    "displayName" : "displayName",
    "roles" : [ {
      "permissions" : [ {
        "code" : 0,
        "visible" : true,
        "configuration" : "configuration",
        "name" : "name",
        "description" : "description",
        "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
        "category" : "category",
        "shortName" : "shortName",
        "type" : "type",
        "displayPermission" : "displayPermission"
      }, {

```

```
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
}, {
  "permissions" : [ {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  }, {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
} ],
  "name" : "name",
  "id" : 6,
  "type" : "type",
  "enabled" : true,
  "lastLogon" : "2000-01-23T04:56:07.000+00:00"
}
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [AccountRoleWeb](#)

---

### [Up](#)

```
delete /api/v{version}/delegation/roles/{id}
```

Delete a role (apiVversionDelegationRolesIdDelete)

Locates a role by its ID and removes it.

## Path parameters

id (required)

Path Parameter – The ID of the role format: uuid

version (required)

Path Parameter –

## Responses

200

Success

---

### [Up](#)

```
get /api/v{version}/delegation/roles/{id}
```

Retrieve a role (apiVversionDelegationRolesIdGet)

Locates a role and retrieves its details by the role ID.

## Path parameters

id (required)

Path Parameter – The ID of the role format: uuid

version (required)  
Path Parameter –

## Return type

### [Role](#)

## Example data

Content-Type: application/json

```
{
  "permissions" : [ {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  }, {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [Role](#)

---

[Up](#)

post /api/v{version}/delegation/roles

Create a role (apiVversionDelegationRolesPost)  
Adds a new role to Cygna Auditor delegation settings.

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json-patch+json
- application/json
- text/json
- application/\*+json

## Request body

body [Role](#) (optional)

Body Parameter –

## Return type

[Role](#)

## Example data

Content-Type: application/json

```
{
  "permissions" : [ {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
```

```

    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  }, {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [Role](#)

---

### [Up](#)

```
put /api/v{version}/delegation/roles
```

Update a role (apiVversionDelegationRolesPut)

Modifies an existing role. For example, adds or revokes permissions, changes the role name.

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [Role](#) (optional)

Body Parameter –

## Return type

[Role](#)

## Example data

Content-Type: application/json

```
{
  "permissions" : [ {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  }, {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
```

```
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Role](#)

---

### [Up](#)

```
delete /api/v{version}/delegation/roles/{roleId}/accounts/{account-
tId}
```

Delete a role assignment (`apiVversionDelegationRolesRoleIdAccountsAccountIdDelete`)  
Revokes a specific role assignment. The user will no longer have the role. Provide 'roleId'  
and 'accountId' in the path.

## Path parameters

roleId (required)

Path Parameter – The ID of the role format: uuid

accountId (required)

Path Parameter – The ID of the account format: int32

version (required)

Path Parameter –

## Responses

200

Success



# ScheduledJob

[Up](#)

get /api/v{version}/scheduledjobs

(apiVversionScheduledjobsGet)

## Path parameters

version (required)

Path Parameter –

## Return type

array[[ScheduledJobWeb](#)]

## Example data

Content-Type: application/json

```
[ {
  "nextRunOn" : "2000-01-23T04:56:07.000+00:00",
  "timingInfo" : {
    "misfireRule" : 1,
    "type" : 6,
    "priority" : 5,
    "effectiveDates" : {
      "endAt" : "2000-01-23T04:56:07.000+00:00",
      "startAt" : "2000-01-23T04:56:07.000+00:00"
    }
  }
}, {
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "isEnabled" : true,
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "state" : 5,
  "type" : 0,
  "jobInfo" : { },
  "lastRunOn" : "2000-01-23T04:56:07.000+00:00"
}, {
  "nextRunOn" : "2000-01-23T04:56:07.000+00:00",
  "timingInfo" : {
    "misfireRule" : 1,
    "type" : 6,
    "priority" : 5,
    "effectiveDates" : {
      "endAt" : "2000-01-23T04:56:07.000+00:00",
```

```
    "startAt" : "2000-01-23T04:56:07.000+00:00"
  }
},
"modifiedOn" : "2000-01-23T04:56:07.000+00:00",
"isEnabled" : true,
"name" : "name",
"description" : "description",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"state" : 5,
"type" : 0,
"jobInfo" : { },
"lastRunOn" : "2000-01-23T04:56:07.000+00:00"
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

`delete /api/v{version}/scheduledjobs/{id}`

(`apiVversionScheduledjobsIdDelete`)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

### [Up](#)

`get /api/v{version}/scheduledjobs/{id}`

(`apiVversionScheduledjobsIdGet`)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

[ScheduledJobWeb](#)

## Example data

Content-Type: application/json

```
{
  "nextRunOn" : "2000-01-23T04:56:07.000+00:00",
  "timingInfo" : {
    "misfireRule" : 1,
    "type" : 6,
    "priority" : 5,
    "effectiveDates" : {
      "endAt" : "2000-01-23T04:56:07.000+00:00",
      "startAt" : "2000-01-23T04:56:07.000+00:00"
    }
  },
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "isEnabled" : true,
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "state" : 5,
  "type" : 0,
  "jobInfo" : { },
  "lastRunOn" : "2000-01-23T04:56:07.000+00:00"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ScheduledJobWeb](#)

---

### [Up](#)

```
put /api/v{version}/scheduledjobs/{id}
```

(apiVversionScheduledjobsIdPut)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

## Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ScheduledJobWeb](#) (optional)

## Body Parameter –

## Return type

[ScheduledJobWeb](#)

## Example data

Content-Type: application/json

```
{
  "nextRunOn" : "2000-01-23T04:56:07.000+00:00",
  "timingInfo" : {
    "misfireRule" : 1,
    "type" : 6,
    "priority" : 5,
    "effectiveDates" : {
      "endAt" : "2000-01-23T04:56:07.000+00:00",
      "startAt" : "2000-01-23T04:56:07.000+00:00"
    }
  },
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "isEnabled" : true,
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "state" : 5,
  "type" : 0,
  "jobInfo" : { },
  "lastRunOn" : "2000-01-23T04:56:07.000+00:00"
}
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ScheduledJobWeb](#)

---

### [Up](#)

post `/api/v{version}/scheduledjobs`

(`apiVversionScheduledjobsPost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ScheduledJobWeb](#) (optional)

Body Parameter –

## Return type

[ScheduledJobWeb](#)

## Example data

Content-Type: `application/json`

```
{
  "nextRunOn" : "2000-01-23T04:56:07.000+00:00",
  "timingInfo" : {
    "misfireRule" : 1,
    "type" : 6,
    "priority" : 5,
    "effectiveDates" : {
      "endAt" : "2000-01-23T04:56:07.000+00:00",
      "startAt" : "2000-01-23T04:56:07.000+00:00"
    }
  },
  "modifiedOn" : "2000-01-23T04:56:07.000+00:00",
  "isEnabled" : true,
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "state" : 5,
  "type" : 0,
  "jobInfo" : { },
  "lastRunOn" : "2000-01-23T04:56:07.000+00:00"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ScheduledJobWeb](#)

---

# Scheduler

## [Up](#)

```
get /api/v{version}/system/config/scheduler
```

(apiVversionSystemConfigSchedulerGet)

## Path parameters

version (required)

Path Parameter –

## Return type

[SchedulerConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "directive" : 0,
  "status" : 6
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [SchedulerConfiguration](#)

---

## [Up](#)

```
put /api/v{version}/system/config/scheduler
```

(apiVversionSystemConfigSchedulerPut)

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [SchedulerConfiguration](#) (optional)  
Body Parameter –

## Return type

[SchedulerConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "directive" : 0,
  "status" : 6
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [SchedulerConfiguration](#)



# Search

## [Up](#)

```
get /api/v{version}/search
```

(apiVversionSearchGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

type (optional)

Query Parameter – 0 = None, 1 = Active Directory, 2 = Azure, 3 = O365, 4 = Teams, 5 = VM Ware, 6 = AzureARM

field (optional)

Query Parameter –

value (optional)

Query Parameter –

limit (optional)

Query Parameter – default: 100 format: int32

option (optional)

Query Parameter – 0 = Starts With, 1 = Ends With, 2 = Contains

order (optional)

Query Parameter – 0 = Asc, 1 = Desc

## Return type

String

## Example data

Content-Type: application/json

```
""
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`

- `text/json`

## Responses

200

Success [String](#)

---

# ServiceCommand

## [Up](#)

```
post /api/v{version}/servicecommand
```

(apiVversionServicecommandPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [ServiceCommand](#) (optional)

Body Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

# Setup

[Up](#)

```
post /api/v{version}/setup/finalize
```

(apiVversionSetupFinalizePost)

## Path parameters

version (required)

Path Parameter –

## Responses

200

Success

---

# Smtplib

## [Up](#)

delete /api/v{version}/system/config/smtplib

(apiVversionSystemConfigSmtplibDelete)

## Path parameters

version (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [CygApiResultBase](#)

---

## [Up](#)

get /api/v{version}/system/config/smtplib

(apiVversionSystemConfigSmtGet)

## Path parameters

version (required)  
Path Parameter –

## Return type

[SmtConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "server" : "server",
  "port" : 0,
  "isSslToBeUsed" : true,
  "userCredentials" : {
    "password" : "password",
    "username" : "username"
  },
  "fromName" : "fromName",
  "fromAddress" : "fromAddress",
  "toAddress" : "toAddress"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [SmtConfiguration](#)

---

[Up](#)

post /api/v{version}/system/config/smt

(apiVversionSystemConfigSmtpPost)

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [SmtpConfiguration](#) (optional)  
Body Parameter –

## Return type

[SmtpConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "server" : "server",
  "port" : 0,
  "isSslToBeUsed" : true,
  "userCredentials" : {
    "password" : "password",
    "username" : "username"
  },
  "fromName" : "fromName",
  "fromAddress" : "fromAddress",
  "toAddress" : "toAddress"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [SmtpConfiguration](#)

---

### [Up](#)

```
put /api/v{version}/system/config/smtp
```

(apiVversionSystemConfigSmtpPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [SmtpConfiguration](#) (optional)

Body Parameter –

## Return type

[SmtpConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "server" : "server",
  "port" : 0,
  "isSslToBeUsed" : true,
  "userCredentials" : {
    "password" : "password",
    "username" : "username"
  },
  "fromName" : "fromName",
  "fromAddress" : "fromAddress",
  "toAddress" : "toAddress"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [SmtpConfiguration](#)

---

### [Up](#)

`get /api/v{version}/system/config/smtp/status`

(`apiVversionSystemConfigSmtpStatusGet`)

## Path parameters

version (required)

Path Parameter –

## Return type

[ConfigurationStatus](#)

## Example data

Content-Type: application/json

```
{
  "isConfigured" : true,
  "item" : 0,
  "displayName" : "displayName"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [ConfigurationStatus](#)

---

### [Up](#)

post `/api/v{version}/system/config/smtp/test`

(`apiVversionSystemConfigSmtpTestPost`)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [SmtpConfiguration](#) (optional)

Body Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{  
  "isSuccessful" : true,  
  "message" : "message",  
  "status" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

# System

## [Up](#)

```
get /api/v{version}/system/about
```

(apiVversionSystemAboutGet)

## Path parameters

version (required)

Path Parameter –

## Return type

### [AboutInformation](#)

## Example data

Content-Type: application/json

```
{
  "databaseStatistics" : {
    "eventsPerGb" : 1,
    "totalEventCount" : 4,
    "vMwareEventCount" : 2,
    "azureLogonEventCount" : 5,
    "adEventCount" : 0,
    "securityComplianceCenterEventCount" : 2,
    "sharePointOnlineEventCount" : 7,
    "fsEventCount" : 6,
    "microsoftTeamsEventCount" : 9,
    "azureAdEventCount" : 1,
    "databaseSize" : 7,
    "azureEventCount" : 5,
    "exchangeOnlineEventCount" : 3
  },
  "about" : {
    "copyright" : "copyright",
    "company" : "company",
    "productName" : "productName"
  },
  "systemInformation" : {
    "fsDriverVersion" : "fsDriverVersion",
    "productVersion" : "productVersion",
    "databaseServer" : "databaseServer",
    "databaseName" : "databaseName",
    "processorCount" : "processorCount",
    "adDriverVersion" : "adDriverVersion",
```

```
"maintenanceExpiry" : "maintenanceExpiry",
"buildDate" : "buildDate",
"operatingSystem" : "operatingSystem",
"licensedTo" : "licensedTo",
"machineName" : "machineName",
"rsatExtensionVersion" : "rsatExtensionVersion"
}
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [AboutInformation](#)

---

### [Up](#)

```
get /api/v{version}/system/status
```

(`apiVversionSystemStatusGet`)

## Path parameters

version (required)

Path Parameter –

## Return type

array[[SystemStatus](#)]

## Example data

Content-Type: application/json

```
[ {
  "appVersion" : "appVersion",
  "lastActiveTime" : "2000-01-23T04:56:07.000+00:00",
  "isInactive" : true,
```

```
"errorCode" : 5,
"type" : "type",
"statusMessage" : "statusMessage",
"enabled" : true,
"isAgent" : true,
"statusId" : 2,
"name" : "name",
"parentItem" : "parentItem",
"statusCodeDisplay" : "statusCodeDisplay",
"interval" : 5,
"lastEventTime" : "2000-01-23T04:56:07.000+00:00",
"statusCodeDisplayEnhanced" : "statusCodeDisplayEnhanced",
"id" : 0,
"configurationId" : 6,
"applicationGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"isStale" : true,
"statusCode" : 1
}, {
  "appVersion" : "appVersion",
  "lastActiveTime" : "2000-01-23T04:56:07.000+00:00",
  "isInactive" : true,
  "errorCode" : 5,
  "type" : "type",
  "statusMessage" : "statusMessage",
  "enabled" : true,
  "isAgent" : true,
  "statusId" : 2,
  "name" : "name",
  "parentItem" : "parentItem",
  "statusCodeDisplay" : "statusCodeDisplay",
  "interval" : 5,
  "lastEventTime" : "2000-01-23T04:56:07.000+00:00",
  "statusCodeDisplayEnhanced" : "statusCodeDisplayEnhanced",
  "id" : 0,
  "configurationId" : 6,
  "applicationGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "isStale" : true,
  "statusCode" : 1
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success

---

# SystemConfiguration

## [Up](#)

```
delete /api/v{version}/system/config/{id}
```

(apiVversionSystemConfigIdDelete)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

### [CygStatus](#)

## Example data

Content-Type: application/json

0

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygStatus](#)

---

## [Up](#)

```
get /api/v{version}/system/config/{id}
```

(apiVversionSystemConfigIdGet)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

[SystemConfigurationBase](#)

## Example data

Content-Type: application/json

```
{ }
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [SystemConfigurationBase](#)

---

## [Up](#)

```
post /api/v{version}/system/config
```

(apiVversionSystemConfigPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [SystemConfiguration](#) (optional)

Body Parameter –

## Return type

[SystemConfigurationBase](#)

## Example data

Content-Type: application/json

```
{ }
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [SystemConfigurationBase](#)

---

### [Up](#)

```
put /api/v{version}/system/config
```

(apiVversionSystemConfigPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [SystemConfiguration](#) (optional)

Body Parameter –

## Return type

[SystemConfigurationBase](#)

## Example data

Content-Type: application/json

```
{ }
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [SystemConfigurationBase](#)

---

### [Up](#)

```
get /api/v{version}/system/config/status
```

```
(apiVversionSystemConfigStatusGet)
```

## Path parameters

version (required)  
Path Parameter –

## Return type

array[[ConfigurationStatus](#)]

## Example data

Content-Type: application/json

```
[ {  
  "isConfigured" : true,  
  "item" : 0,  
  "displayName" : "displayName"  
}, {  
  "isConfigured" : true,  
  "item" : 0,  
  "displayName" : "displayName"  
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200  
Success

---

### [Up](#)

post /api/v{version}/system/config/test

(apiVversionSystemConfigTestPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [SystemConfiguration](#) (optional)

Body Parameter –

## Return type

[SystemConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "adminCredentials" : {
    "password" : "password",
    "username" : "username"
  },
  "data" : "data",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [SystemConfiguration](#)

## [Up](#)

```
post /api/v{version}/system/config/validate
```

(apiVversionSystemConfigValidatePost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [SystemConfiguration](#) (optional)

Body Parameter –

## Return type

[SystemConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "adminCredentials" : {
    "password" : "password",
    "username" : "username"
  },
  "data" : "data",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [SystemConfiguration](#)

---

# Tag

## [Up](#)

```
post /api/v{version}/tags/context/{context}
```

(apiVversionTagsContextContextPost)

## Path parameters

context (required)

Path Parameter – 0 = Reports, 1 = Alerts, 1111 = All

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [Tag](#) (optional)

Body Parameter –

## Query parameters

id (required)

Query Parameter – format: uuid

## Return type

### [Tag](#)

## Example data

Content-Type: application/json

```
{  
  "origin" : 1,  
  "name" : "name",
```

```
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Tag](#)

---

### [Up](#)

```
get /api/v{version}/tags/contextual
```

(`apiVversionTagsContextualGet`)

## Path parameters

version (required)

Path Parameter –

## Query parameters

context (optional)

Query Parameter – 0 = Reports, 1 = Alerts, 1111 = All

origin (optional)

Query Parameter – 0 = Built In, 1 = User, 1111 = All

## Return type

array[[ContextualTag](#)]

## Example data

Content-Type: application/json

```
[ {
  "origin" : 0,
```

```
"name" : "name",
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"contexts" : [ 6, 6 ]
}, {
  "origin" : 0,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "contexts" : [ 6, 6 ]
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success

---

### [Up](#)

get /api/v{version}/tags

(apiVversionTagsGet)

## Path parameters

version (required)

Path Parameter –

## Return type

array[[Tag](#)]

## Example data

Content-Type: application/json

```
[ {
  "origin" : 1,
  "name" : "name",
```

```
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
}, {
  "origin" : 1,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

delete /api/v{version}/tags/{id}

(apiVversionTagsIdDelete)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
```

```
"status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

### [Up](#)

```
get /api/v{version}/tags/{id}
```

(apiVversionTagsIdGet)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Return type

### [Tag](#)

## Example data

Content-Type: application/json

```
{
  "origin" : 1,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
}
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Tag](#)

---

### [Up](#)

```
put /api/v{version}/tags/{id}
```

(apiVversionTagsIdPut)

## Path parameters

id (required)

Path Parameter – format: uuid

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [Tag](#) (optional)

Body Parameter –

## Return type

### [Tag](#)

## Example data

Content-Type: application/json

```
{
  "origin" : 1,
  "name" : "name",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Tag](#)

---

### [Up](#)

```
post /api/v{version}/tags
```

(apiVversionTagsPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [Tag](#) (optional)  
Body Parameter –

## Return type

[Tag](#)

## Example data

Content-Type: application/json

```
{  
  "origin" : 1,  
  "name" : "name",  
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Tag](#)

---

# User

## [Up](#)

```
get /api/v{version}/delegation/users
```

List users with roles (apiVversionDelegationUsersGet)  
Retrieves a list of users and the roles they are assigned.

## Path parameters

version (required)  
Path Parameter –

## Return type

### [DelegationAccount](#)

## Example data

Content-Type: application/json

```
{
  "identifier" : "identifier",
  "displayName" : "displayName",
  "roles" : [ {
    "permissions" : [ {
      "code" : 0,
      "visible" : true,
      "configuration" : "configuration",
      "name" : "name",
      "description" : "description",
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "category" : "category",
      "shortName" : "shortName",
      "type" : "type",
      "displayPermission" : "displayPermission"
    }, {
      "code" : 0,
      "visible" : true,
      "configuration" : "configuration",
      "name" : "name",
      "description" : "description",
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "category" : "category",
      "shortName" : "shortName",
      "type" : "type",
      "displayPermission" : "displayPermission"
    }
  ]
}
```

```
    } ],  
    "name" : "name",  
    "description" : "description",  
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",  
    "type" : 0  
  }, {  
    "permissions" : [ {  
      "code" : 0,  
      "visible" : true,  
      "configuration" : "configuration",  
      "name" : "name",  
      "description" : "description",  
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",  
      "category" : "category",  
      "shortName" : "shortName",  
      "type" : "type",  
      "displayPermission" : "displayPermission"  
    }, {  
      "code" : 0,  
      "visible" : true,  
      "configuration" : "configuration",  
      "name" : "name",  
      "description" : "description",  
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",  
      "category" : "category",  
      "shortName" : "shortName",  
      "type" : "type",  
      "displayPermission" : "displayPermission"  
    } ],  
    "name" : "name",  
    "description" : "description",  
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",  
    "type" : 0  
  } ],  
  "name" : "name",  
  "id" : 6,  
  "type" : "type",  
  "enabled" : true,  
  "lastLogon" : "2000-01-23T04:56:07.000+00:00"  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DelegationAccount](#)

---

### [Up](#)

```
delete /api/v{version}/delegation/users/{id}
```

Delete a user (apiVversionDelegationUsersIdDelete)

Removes a user and revokes permissions.

## Path parameters

id (required)

Path Parameter – The ID of the user format: int32

version (required)

Path Parameter –

## Return type

[DelegationAccount](#)

## Example data

Content-Type: application/json

```
{
  "identifier" : "identifier",
  "displayName" : "displayName",
  "roles" : [ {
    "permissions" : [ {
      "code" : 0,
      "visible" : true,
      "configuration" : "configuration",
      "name" : "name",
      "description" : "description",
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "category" : "category",
      "shortName" : "shortName",
      "type" : "type",
      "displayPermission" : "displayPermission"
    }, {
      "code" : 0,
      "visible" : true,
      "configuration" : "configuration",
      "name" : "name",
```

```

    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
}, {
  "permissions" : [ {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  }, {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
} ],
"name" : "name",
"id" : 6,
"type" : "type",
"enabled" : true,
"lastLogon" : "2000-01-23T04:56:07.000+00:00"
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DelegationAccount](#)

---

### [Up](#)

```
get /api/v{version}/delegation/users/{id}/permissions
```

List user permissions (apiVversionDelegationUsersIdPermissionsGet)

Locates a user and retrieves associated permissions.

## Path parameters

id (required)

Path Parameter – The ID of the user format: int32

version (required)

Path Parameter –

## Return type

### [Permission](#)

## Example data

Content-Type: application/json

```
{
  "code" : 0,
  "visible" : true,
  "configuration" : "configuration",
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "category" : "category",
  "shortName" : "shortName",
  "type" : "type",
  "displayPermission" : "displayPermission"
}
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Permission](#)

---

### [Up](#)

```
put /api/v{version}/delegation/users/{id}
```

Update a user (apiVversionDelegationUsersIdPut)

Locates a specific user and updates its delegation settings.

## Path parameters

id (required)

Path Parameter – The ID of the user format: int32

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [DelegationAccount](#) (optional)

Body Parameter –

## Return type

[DelegationAccount](#)

## Example data

Content-Type: application/json

```
{
  "identifier" : "identifier",
  "displayName" : "displayName",
  "roles" : [ {
    "permissions" : [ {
      "code" : 0,
      "visible" : true,
      "configuration" : "configuration",
      "name" : "name",
      "description" : "description",
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "category" : "category",
      "shortName" : "shortName",
      "type" : "type",
      "displayPermission" : "displayPermission"
    }, {
      "code" : 0,
      "visible" : true,
      "configuration" : "configuration",
      "name" : "name",
      "description" : "description",
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "category" : "category",
      "shortName" : "shortName",
      "type" : "type",
      "displayPermission" : "displayPermission"
    } ],
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "type" : 0
  }, {
    "permissions" : [ {
      "code" : 0,
      "visible" : true,
      "configuration" : "configuration",
      "name" : "name",
      "description" : "description",
      "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
      "category" : "category",
      "shortName" : "shortName",
      "type" : "type",
      "displayPermission" : "displayPermission"
    }, {
      "code" : 0,
      "visible" : true,
```

```

    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
} ],
"name" : "name",
"id" : 6,
"type" : "type",
"enabled" : true,
"lastLogon" : "2000-01-23T04:56:07.000+00:00"
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [DelegationAccount](#)

---

### [Up](#)

```
get /api/v{version}/delegation/users/{id}/roles
```

List user roles (apiVversionDelegationUsersIdRolesGet)  
Locates a specific user and retrieves assigned roles.

## Path parameters

id (required)

Path Parameter – The ID of the user format: int32

version (required)

Path Parameter –

## Return type

### [Role](#)

## Example data

Content-Type: application/json

```
{
  "permissions" : [ {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  }, {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [Role](#)

---

[Up](#)

post /api/v{version}/delegation/users

Add a new user (apiVversionDelegationUsersPost)

Adds new user and assigns a role.

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json-patch+json
- application/json
- text/json
- application/\*+json

## Request body

body [DelegationAccount](#) (optional)

Body Parameter –

## Return type

[DelegationAccount](#)

## Example data

Content-Type: application/json

```
{
  "identifier" : "identifier",
  "displayName" : "displayName",
  "roles" : [ {
    "permissions" : [ {
      "code" : 0,
```

```
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  }, {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "type" : 0
}, {
  "permissions" : [ {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  }, {
    "code" : 0,
    "visible" : true,
    "configuration" : "configuration",
    "name" : "name",
    "description" : "description",
    "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "category" : "category",
    "shortName" : "shortName",
    "type" : "type",
    "displayPermission" : "displayPermission"
  } ],
  "name" : "name",
  "description" : "description",
```

```
"id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"type" : 0
} ],
"name" : "name",
"id" : 6,
"type" : "type",
"enabled" : true,
"lastLogon" : "2000-01-23T04:56:07.000+00:00"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [DelegationAccount](#)

---

### [Up](#)

post /api/v{version}/user/credentials/verify

(apiVversionUserCredentialsVerifyPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json-patch+json
- application/json
- text/json
- application/\*+json

## Request body

body [AccountCredentials](#) (optional)

Body Parameter –

## Query parameters

isAdminRequired (required)

Query Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

### [Up](#)

get /api/v{version}/user/search/activedirectory

(apiVversionUserSearchActivedirectoryGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

searchString (optional)

Query Parameter –

objectType (optional)

Query Parameter – 1 = Local Users, 2 = Local Groups, 4 = Domain Users, 8 = Domain Groups, 16 = Computers, 32 = Domain Controllers, 64 = Exchange Servers, 128 = Sql Servers, 256 = Containers, 512 = Organizational Units

limit (optional)

Query Parameter – default: 50 format: int32

## Return type

array[[ActiveDirectoryObject](#)]

## Example data

Content-Type: application/json

```
[ {
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 1,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
  "dn" : "dn",
  "cn" : "cn",
  "ldapName" : "ldapName",
  "managerEmail" : "managerEmail",
  "rawValues" : {
    "key" : [ "", "" ]
  },
  "domain" : "domain",
  "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "name" : "name",
  "objectSid" : "objectSid",
  "attributes" : [ {
    "isClass" : true,
    "displayValue" : "displayValue",
```

```

    "linkId" : 1,
    "systemOnly" : true,
    "displayName" : "displayName",
    "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "values" : [ "", "" ],
    "name" : "name",
    "aDsType" : 6,
    "id" : 0,
    "isOID" : true,
    "syntaxOID" : "syntaxOID"
  }, {
    "isClass" : true,
    "displayValue" : "displayValue",
    "linkId" : 1,
    "systemOnly" : true,
    "displayName" : "displayName",
    "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "values" : [ "", "" ],
    "name" : "name",
    "aDsType" : 6,
    "id" : 0,
    "isOID" : true,
    "syntaxOID" : "syntaxOID"
  } ],
  "userPrincipalName" : "userPrincipalName",
  "userAccountControl" : 0,
  "pwdLastSet" : 6
}, {
  "msdsPrincipalName" : "msdsPrincipalName",
  "presentationName" : "presentationName",
  "displayName" : "displayName",
  "accountExpires" : 1,
  "objectClass" : "objectClass",
  "samAccountName" : "samAccountName",
  "dnsName" : "dnsName",
  "description" : "description",
  "dn" : "dn",
  "cn" : "cn",
  "ldapName" : "ldapName",
  "managerEmail" : "managerEmail",
  "rawValues" : {
    "key" : [ "", "" ]
  },
  "domain" : "domain",
  "objectGuid" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "name" : "name",
  "objectSid" : "objectSid",
  "attributes" : [ {
    "isClass" : true,
    "displayValue" : "displayValue",
    "linkId" : 1,

```

```
"systemOnly" : true,
"displayName" : "displayName",
"schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"values" : [ "", "" ],
"name" : "name",
"aDsType" : 6,
"id" : 0,
"isOID" : true,
"syntaxOID" : "syntaxOID"
}, {
  "isClass" : true,
  "displayValue" : "displayValue",
  "linkId" : 1,
  "systemOnly" : true,
  "displayName" : "displayName",
  "schemaID" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "values" : [ "", "" ],
  "name" : "name",
  "aDsType" : 6,
  "id" : 0,
  "isOID" : true,
  "syntaxOID" : "syntaxOID"
} ],
"userPrincipalName" : "userPrincipalName",
"userAccountControl" : 0,
"pwdLastSet" : 6
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

get /api/v{version}/user/search

(apiVversionUserSearchGet)

## Path parameters

version (required)

Path Parameter –

## Query parameters

searchText (optional)

Query Parameter –

maxMatches (optional)

Query Parameter – default: 100 format: int32

includeLiveSearch (optional)

Query Parameter – default: true

## Return type

array[[IUserSearchMatch](#)]

## Example data

Content-Type: application/json

```
[ {
  "accountId" : 0,
  "presentationName" : "presentationName",
  "origin" : 6,
  "matchedElements" : [ {
    "name" : "name",
    "value" : "value"
  }, {
    "name" : "name",
    "value" : "value"
  } ]
}, {
  "accountId" : 0,
  "presentationName" : "presentationName",
  "origin" : 6,
  "matchedElements" : [ {
    "name" : "name",
    "value" : "value"
  }, {
    "name" : "name",
    "value" : "value"
  } ]
} ]
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

# UserConfiguration

[Up](#)

```
delete /api/v{version}/user/config
```

(apiVversionUserConfigDelete)

## Path parameters

version (required)

Path Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [CygApiResponseBase](#)

---

[Up](#)

```
post /api/v{version}/user/config/delete
```

(apiVversionUserConfigDeletePost)

## Path parameters

version (required)  
Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [AccountCredentials](#) (optional)  
Body Parameter –

## Query parameters

deleteUserSid (optional)  
Query Parameter –

## Return type

[CygApiResponseBase](#)

## Example data

Content-Type: application/json

```
{
  "isSuccessful" : true,
  "message" : "message",
  "status" : 0
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`

- `text/json`

## Responses

200

Success [CygApiResultBase](#)

---

### [Up](#)

`get /api/v{version}/user/config`

(`apiVversionUserConfigGet`)

## Path parameters

version (required)

Path Parameter –

## Return type

[UserConfiguration](#)

## Example data

Content-Type: `application/json`

```
{
  "applicationTheme" : "applicationTheme",
  "consoleOptions" : "consoleOptions",
  "applicationSettings" : {
    "enableAutoSearch" : true,
    "reportEventLimit" : 9,
    "enableAuditPaging" : true,
    "rollbackLayout" : [ null, null ],
    "auditEventLimit" : 7,
    "auditingLayout" : [ {
      "isIntersecting" : true,
      "hover" : {
        "addAction" : 5,
        "removeAction" : 2,
        "field" : "field",
        "position" : "position"
      },
      "visible" : true,
      "sources" : [ 0, 0 ],
      "isMetaEventColumn" : true,
      "name" : "name",
```

```
    "width" : {
      "default" : 1,
      "value" : 6,
      "minimum" : 5
    },
    "header" : "header",
    "position" : "position",
    "type" : "type"
  }, {
    "isIntersecting" : true,
    "hover" : {
      "addAction" : 5,
      "removeAction" : 2,
      "field" : "field",
      "position" : "position"
    },
    "visible" : true,
    "sources" : [ 0, 0 ],
    "isMetaEventColumn" : true,
    "name" : "name",
    "width" : {
      "default" : 1,
      "value" : 6,
      "minimum" : 5
    },
    "header" : "header",
    "position" : "position",
    "type" : "type"
  } ],
  "isSideMenuExpanded" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [UserConfiguration](#)

---

## Up

```
post /api/v{version}/user/config
```

(apiVversionUserConfigPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [UserConfiguration](#) (optional)

Body Parameter –

## Return type

[UserConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "applicationTheme" : "applicationTheme",
  "consoleOptions" : "consoleOptions",
  "applicationSettings" : {
    "enableAutoSearch" : true,
    "reportEventLimit" : 9,
    "enableAuditPaging" : true,
    "rollbackLayout" : [ null, null ],
    "auditEventLimit" : 7,
    "auditingLayout" : [ {
      "isIntersecting" : true,
      "hover" : {
        "addAction" : 5,
        "removeAction" : 2,
        "field" : "field",
```

```
    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
}, {
  "isIntersecting" : true,
  "hover" : {
    "addAction" : 5,
    "removeAction" : 2,
    "field" : "field",
    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
} ],
"isSideMenuExpanded" : true
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [UserConfiguration](#)

---

[Up](#)

```
put /api/v{version}/user/config
```

(apiVversionUserConfigPut)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [UserConfiguration](#) (optional)

Body Parameter –

## Return type

[UserConfiguration](#)

## Example data

Content-Type: application/json

```
{
  "applicationTheme" : "applicationTheme",
  "consoleOptions" : "consoleOptions",
  "applicationSettings" : {
    "enableAutoSearch" : true,
    "reportEventLimit" : 9,
    "enableAuditPaging" : true,
```

```

"rollbackLayout" : [ null, null ],
"auditEventLimit" : 7,
"auditingLayout" : [ {
  "isIntersecting" : true,
  "hover" : {
    "addAction" : 5,
    "removeAction" : 2,
    "field" : "field",
    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
}, {
  "isIntersecting" : true,
  "hover" : {
    "addAction" : 5,
    "removeAction" : 2,
    "field" : "field",
    "position" : "position"
  },
  "visible" : true,
  "sources" : [ 0, 0 ],
  "isMetaEventColumn" : true,
  "name" : "name",
  "width" : {
    "default" : 1,
    "value" : 6,
    "minimum" : 5
  },
  "header" : "header",
  "position" : "position",
  "type" : "type"
} ],
"isSideMenuExpanded" : true
}
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [UserConfiguration](#)

---

# VMWare

## [Up](#)

```
get /api/v{version}/collectors/vmware/servers
```

(apiVversionCollectorsVmwareServersGet)

## Path parameters

version (required)

Path Parameter –

## Return type

array[[VMWareServer](#)]

## Example data

Content-Type: application/json

```
[ {
  "lastActiveTime" : "2000-01-23T04:56:07.000+00:00",
  "isCertToBeIgnored" : true,
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isSsoToBeDisabled" : true,
  "backupCollectionInterval" : 1,
  "lastCollectionTime" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "message" : "message",
  "vCenterName" : "vCenterName",
  "collectionInterval" : 6,
  "status" : 5
}, {
  "lastActiveTime" : "2000-01-23T04:56:07.000+00:00",
  "isCertToBeIgnored" : true,
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isSsoToBeDisabled" : true,
  "backupCollectionInterval" : 1,
  "lastCollectionTime" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "message" : "message",
  "vCenterName" : "vCenterName",
```

```
"collectionInterval" : 6,  
"status" : 5  
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success

---

### [Up](#)

```
delete /api/v{version}/collectors/vmware/servers/{id}
```

(`apiVversionCollectorsVmwareServersIdDelete`)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

[CygApiResultBase](#)

## Example data

Content-Type: application/json

```
{  
  "isSuccessful" : true,  
  "message" : "message",  
  "status" : 0  
}
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [CygApiResponseBase](#)

---

### [Up](#)

```
get /api/v{version}/collectors/vmware/servers/{id}
```

(apiVversionCollectorsVmwareServersIdGet)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Return type

### [VMWareServer](#)

## Example data

Content-Type: application/json

```
{
  "lastActiveTime" : "2000-01-23T04:56:07.000+00:00",
  "isCertToBeIgnored" : true,
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isSsoToBeDisabled" : true,
  "backupCollectionInterval" : 1,
  "lastCollectionTime" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "message" : "message",
  "vCenterName" : "vCenterName",
```

```
"collectionInterval" : 6,  
"status" : 5  
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [VMWareServer](#)

---

## Up

```
put /api/v{version}/collectors/vmware/servers/{id}
```

(`apiVversionCollectorsVmwareServersIdPut`)

## Path parameters

id (required)

Path Parameter – format: int32

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [VMWareServer](#) (optional)

Body Parameter –

## Return type

[VMWareServer](#)

## Example data

Content-Type: application/json

```
{
  "lastActiveTime" : "2000-01-23T04:56:07.000+00:00",
  "isCertToBeIgnored" : true,
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isSsoToBeDisabled" : true,
  "backupCollectionInterval" : 1,
  "lastCollectionTime" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "message" : "message",
  "vCenterName" : "vCenterName",
  "collectionInterval" : 6,
  "status" : 5
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json
- text/json

## Responses

200

Success [VMWareServer](#)

---

[Up](#)

post /api/v{version}/collectors/vmware/servers

(apiVversionCollectorsVmwareServersPost)

## Path parameters

version (required)

Path Parameter –

## Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json-patch+json`
- `application/json`
- `text/json`
- `application/*+json`

## Request body

body [VMWareServer](#) (optional)

Body Parameter –

## Return type

[VMWareServer](#)

## Example data

Content-Type: application/json

```
{
  "lastActiveTime" : "2000-01-23T04:56:07.000+00:00",
  "isCertToBeIgnored" : true,
  "credentials" : {
    "password" : "password",
    "username" : "username"
  },
  "isSsoToBeDisabled" : true,
  "backupCollectionInterval" : 1,
  "lastCollectionTime" : "2000-01-23T04:56:07.000+00:00",
  "id" : 0,
  "message" : "message",
  "vCenterName" : "vCenterName",
  "collectionInterval" : 6,
  "status" : 5
}
```

## Produces

This API call produces the following media types according to the Accept request header;

the media type will be conveyed by the Content-Type response header.

- `text/plain`
- `application/json`
- `text/json`

## Responses

200

Success [VMWareServer](#)

---

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## ADBackupConfiguration [Up](#)

id (optional)

[Integer](#) format: int32

name (optional)

[String](#)

description (optional)

[String](#)

backupCollectionInterval (optional)

[Integer](#) format: int32

dnsName (optional)

[String](#)

domainController (optional)

[String](#)

namingContext (optional)

[NamingContext](#)

scope (optional)

[LdapScope](#)

customDN (optional)

[String](#)

backupCredentials (optional)

[AccountCredentials](#)

backupAccountName (optional)

[String](#)

backupPassword (optional)

[String](#)

fullBackup (optional)

[Boolean](#)

enabled (optional)

[Boolean](#)

objectGuid (optional)

[UUID](#) format: uuid

## AboutInformation [Up](#)

about (optional)

[ProductInformation](#)

systemInformation (optional)

[SystemInformation](#)

databaseStatistics (optional)

[DatabaseStatistics](#)

## AccountCredentials [Up](#)

username (optional)

[String](#)

password (optional)

[String](#)

AccountRoleWeb [Up](#)

The object describes a role assignment.

id (optional)

[Integer](#) format: int32

roleId (optional)

[UUID](#) format: uuid

delegationAccount (optional)

[DelegationAccount](#)

scopes (optional)

[array\[Scope\]](#)

ActionConfiguration [Up](#)

type (optional)

[String](#)

configuration (optional)

[String](#)

credentials (optional)

[AccountCredentials](#)

isEnabled (optional)

[Boolean](#)

ActiveDirectoryAce [Up](#)

type (optional)

[String](#)

sid (optional)

[SecurityIdentifier](#)

accessMask (optional)

[Integer](#) format: int32

objectAce (optional)

[Boolean](#)

objectTypeGuid (optional)

[UUID](#) format: uuid

inheritedTypeGuid (optional)

[UUID](#) format: uuid

objectType (optional)

[String](#)

inheritedType (optional)

[String](#)

account (optional)

[String](#)

aceMask (optional)

[String](#)

aceFlags (optional)

[String](#)

ActiveDirectoryAttribute [Up](#)

id (optional)

[Integer](#) format: int32

name (optional)

[String](#)

displayName (optional)

[String](#)

isClass (optional)

[Boolean](#)

aDsType (optional)

[Integer](#) format: int32

schemaID (optional)

[UUID](#) format: uuid

systemOnly (optional)

[Boolean](#)

linkId (optional)

[Integer](#) format: int32

isOID (optional)

[Boolean](#)

syntaxOID (optional)

[String](#)

displayValue (optional)

[String](#)

values (optional)

[array\[null\]](#)

ActiveDirectoryAttributeData [Up](#)

name (optional)

[String](#)

value (optional)

ActiveDirectoryDomain [Up](#)

id (optional)

[Integer](#) format: int32

dnsName (optional)

[String](#)

ncName (optional)

[String](#)

netBiosName (optional)

[String](#)

objectGuid (optional)

[String](#)

ActiveDirectoryObject [Up](#)

cn (optional)

[String](#)

objectGuid (optional)

[UUID](#) format: uuid

objectSid (optional)

[String](#)

objectClass (optional)

[String](#)

dn (optional)

[String](#)

displayName (optional)

[String](#)

name (optional)

[String](#)

domain (optional)

[String](#)

dnsName (optional)

[String](#)

ldapName (optional)

[String](#)

samAccountName (optional)

[String](#)

userPrincipalName (optional)

[String](#)

presentationName (optional)

[String](#)

description (optional)

[String](#)

msdsPrincipalName (optional)

[String](#)

userAccountControl (optional)

[Long](#) format: int64

managerEmail (optional)

[String](#)

pwdLastSet (optional)

[Long](#) format: int64

accountExpires (optional)

[Long](#) format: int64

attributes (optional)

[array\[ActiveDirectoryAttribute\]](#)

rawValues (optional)  
[map\[String, array\[null\]\]](#)

ActiveDirectoryObject2 [Up](#)

cn (optional)  
[String](#)

objectGuid (optional)  
[String](#)

objectSid (optional)  
[String](#)

objectClass (optional)  
[String](#)

dn (optional)  
[String](#)

displayName (optional)  
[String](#)

name (optional)  
[String](#)

domain (optional)  
[String](#)

dnsName (optional)  
[String](#)

ldapName (optional)  
[String](#)

samAccountName (optional)  
[String](#)

userPrincipalName (optional)  
[String](#)

presentationName (optional)  
[String](#)

description (optional)  
[String](#)

msdsPrincipalName (optional)  
[String](#)

userAccountControl (optional)  
[Long](#) format: int64

managerEmail (optional)  
[String](#)

pwdLastSet (optional)  
[Long](#) format: int64

accountExpires (optional)  
[Long](#) format: int64

attributes (optional)  
[array\[ActiveDirectoryAttribute\]](#)

## ActiveDirectoryObjectRecord [Up](#)

id (optional)

[Integer](#) format: int32

distinguishedName (optional)

[String](#)

objectGuid (optional)

[UUID](#) format: uuid

objectSid (optional)

[String](#)

displayName (optional)

[String](#)

objectClass (optional)

[String](#)

## ActiveDirectoryProfile [Up](#)

systemAttributes (optional)

[array\[String\]](#)

## ActiveDirectorySecurityDescriptor [Up](#)

discretionaryAccessControlList (optional)

[array\[ActiveDirectoryAce\]](#)

systemAccessControlList (optional)

[array\[ActiveDirectoryAce\]](#)

daclPresent (optional)

[Boolean](#)

saclPresent (optional)

[Boolean](#)

## ApplicationPool [Up](#)

name (optional)

[String](#)

managedPipelineMode (optional)

[ManagedPipelineMode](#)

state (optional)

[State](#)

managedRuntimeVersion (optional)

[String](#)

identity (optional)

[ApplicationPoolIdentity](#)

## ApplicationPoolIdentity [Up](#)

identityType (optional)

[IdentityType](#)

credentials (optional)

[AccountCredentials](#)

## ApplicationSettings [Up](#)

isSideMenuExpanded (optional)

[Boolean](#)

auditingLayout (optional)

[array\[AuditEventColumn\]](#)

rollbackLayout (optional)

[array\[AuditEventColumn\]](#)

enableAutoSearch (optional)

[Boolean](#)

auditEventLimit (optional)

[Integer](#) format: int32

reportEventLimit (optional)

[Integer](#) format: int32

enableAuditPaging (optional)

[Boolean](#)

## Assembly [Up](#)

definedTypes (optional)

[array\[TypeInfo\]](#)

exportedTypes (optional)

[array\[Type\]](#)

codeBase (optional)

[String](#)

entryPoint (optional)

[MethodInfo](#)

fullName (optional)

[String](#)

imageRuntimeVersion (optional)

[String](#)

isDynamic (optional)

[Boolean](#)

location (optional)

[String](#)

reflectionOnly (optional)

[Boolean](#)

isCollectible (optional)

[Boolean](#)

isFullyTrusted (optional)

[Boolean](#)

customAttributes (optional)

[array\[CustomAttributeData\]](#)

escapedCodeBase (optional)

[String](#)

manifestModule (optional)

[Module](#)

modules (optional)

[array\[Module\]](#)

globalAssemblyCache (optional)

[Boolean](#)

hostContext (optional)

[Long](#) format: int64

securityRuleSet (optional)

[SecurityRuleSet](#)

AttributeValue [Up](#)

name (optional)

[String](#)

value (optional)

displayValue (optional)

[String](#)

AuditEvent [Up](#)

An audit event record.

id (optional)

[Long](#) format: int64

module (optional)

[Integer](#) format: int32

when (optional)

[Date](#) format: date-time

user (optional)

[String](#)

server (optional)

[String](#)

eventName (optional)

[String](#)

objectName (optional)

[String](#)

success (optional)

[Integer](#) format: int32

fromAgent (optional)

[Boolean](#)

workstationId (optional)  
[Integer](#) format: int32  
nativeEventId (optional)  
[Integer](#) format: int32  
databaseId (optional)  
[String](#)  
databaseName (optional)  
[String](#)  
attribute (optional)  
[String](#)  
attributeValue (optional)  
[String](#)  
attributePreviousValue (optional)  
[String](#)  
objectDN (optional)  
[String](#)  
objectClass (optional)  
[String](#)  
location (optional)  
[String](#)  
isRisky (optional)  
[Boolean](#)  
client (optional)  
[String](#)  
crossMailboxOperations (optional)  
[Boolean](#)  
mailboxUPN (optional)  
[String](#)  
mailboxFolder (optional)  
[String](#)  
sourceFileName (optional)  
[String](#)  
path (optional)  
[String](#)  
itemType (optional)  
[Integer](#) format: int32  
workload (optional)  
[String](#)  
valueAdded (optional)  
[String](#)  
valueAddedDisplay (optional)  
[String](#)  
valueRemoved (optional)  
[String](#)  
vmHost (optional)  
[String](#)  
vmType (optional)

[String](#)

dataCenter (optional)

[String](#)

dataStore (optional)

[String](#)

vm (optional)

[String](#)

vmCategory (optional)

[String](#)

teamName (optional)

[String](#)

teamRole (optional)

[String](#)

teamMember (optional)

[String](#)

tenant (optional)

[String](#)

external (optional)

[Boolean](#)

identityName (optional)

[String](#)

resourceGroup (optional)

[String](#)

eventCategory (optional)

[String](#)

status (optional)

[String](#)

operation (optional)

[String](#)

resourceType (optional)

[String](#)

level (optional)

[String](#)

subscription (optional)

[String](#)

accountSid (optional)

[String](#)

workstation (optional)

[String](#)

samAccountName (optional)

[String](#)

aDsType (optional)

[Integer](#) format: int32

opn (optional)

[Integer](#) format: int32

## AuditEventColumn [Up](#)

Defines the data to retrieve and display.

name (optional)

[String](#)

header (optional)

[String](#)

sources (optional)

[array\[Integer\]](#) format: int32

type (optional)

[String](#)

position (optional)

[String](#)

visible (optional)

[Boolean](#)

width (optional)

[AuditEventColumnWidth](#)

hover (optional)

[AuditEventColumnHover](#)

isIntersecting (optional)

[Boolean](#)

isMetaEventColumn (optional)

[Boolean](#)

## AuditEventColumnHover [Up](#)

field (optional)

[String](#)

addAction (optional)

[Integer](#) format: int32

removeAction (optional)

[Integer](#) format: int32

position (optional)

[String](#)

## AuditEventColumnWidth [Up](#)

value (optional)

[Integer](#) format: int32

default (optional)

[Integer](#) format: int32

minimum (optional)

[Integer](#) format: int32

## AuditEventDetailBase [Up](#)

Contains detailed information about the audit event.

id (optional)

[Integer](#) format: int32

source (optional)

[Integer](#) format: int32

organizationId (optional)

[Integer](#) format: int32

success (optional)

[Boolean](#)

eventTime (optional)

[Date](#) format: date-time

statusMessage (optional)

[String](#)

userCategory (optional)

[Integer](#) format: int32

displayMessage (optional)

[String](#)

## AzureSnapshot [Up](#)

id (optional)

[Long](#) format: int64

backupId (optional)

[Long](#) format: int64

objectId (optional)

[UUID](#) format: uuid

snapshot (optional)

[String](#)

snapshotBinary (optional)

[byte\[\]](#) format: byte

## BooleanCygTResultBase [Up](#)

status (optional)

[CygStatus](#)

message (optional)

[String](#)

auditDetails (optional)

[String](#)

exception (optional)

[Exception](#)

isException (optional)

[Boolean](#)

items (optional)

[array\[Boolean\]](#)

item (optional)

[Boolean](#)

count (optional)

[Integer](#) format: int32

CallingConventions [Up](#)

1 = Standard, 2 = Var Args, 3 = Any, 32 = Has This, 64 = Explicit This

Chart [Up](#)

id (optional)

[UUID](#) format: uuid

instanceId (optional)

[Integer](#) format: int32

name (optional)

[String](#)

description (optional)

[String](#)

subTitleFormat (optional)

[String](#)

chartType (optional)

[String](#)

parameters (optional)

[array\[ChartParameter\]](#)

data (optional)

ChartParameter [Up](#)

name (optional)

[String](#)

description (optional)

[String](#)

type (optional)

[String](#)

value (optional)

[String](#)

defaultValue (optional)

[String](#)

hidden (optional)

[Boolean](#)

## ChartType [Up](#)

0 = Undefined, 1 = Events by Source, 2 = Top Users, 3 = Top Events, 4 = Events collected per day, 5 = Events per Minute, 6 = Top events per field

## Clause [Up](#)

Defines the data to search for.

type (optional)

[ClauseType](#)

fieldName (optional)

[String](#) The name of the field.

comparison (optional)

[DataComparison](#)

childClauses (optional)

[array\[Clause\]](#) The list of sub-clauses.

values (optional)

[array\[ClauseValue\]](#) The list of values.

## ClauseType [Up](#)

The enum type of the clause.<br><br>0 = Or, 1 = And, -1 = Undefined

## ClauseValue [Up](#)

The values.

value (optional)

[String](#)

value2 (optional)

[String](#)

## CollectionConfiguration [Up](#)

combineEventsDelay (optional)

[Integer](#) format: int32

combineEventsEnabled (optional)

[Boolean](#)

excludedAttributes (optional)

[String](#)

ignoreLogonEvents (optional)

[Boolean](#)

ldapTimeout (optional)

[Integer](#) format: int32

workstationResolution (optional)

[Boolean](#)

workstationReverseLookup (optional)

[Boolean](#)

processNestedGroups (optional)

[Boolean](#)

processNestedGroupUsers (optional)

[Boolean](#)

processNestedGroupMembers (optional)

[Boolean](#)

processNestedGroupUserMembers (optional)

[Boolean](#)

suppressNestedGroupEventBacklinks (optional)

[Boolean](#)

suppressNestedGroupEventData (optional)

[Boolean](#)

nestedGroups (optional)

[array\[ActiveDirectoryObject2\]](#)

enableGPOBackup (optional)

[Boolean](#)

enableMissingGPOBackup (optional)

[Boolean](#)

logLevel (optional)

[Integer](#) format: int32`CollectorBackup` [Up](#)

id (optional)

[Integer](#) format: int32

when (optional)

[Date](#) format: date-time

source (optional)

[String](#)

objectCount (optional)

[Integer](#) format: int32`CollectorStatusCheckCollector` [Up](#)

configurationId (optional)

[Integer](#) format: int32

type (optional)

[String](#)`CollectorStatusCheckConfiguration` [Up](#)

directive (optional)

[CollectorStatusCheckDirective](#)

interval (optional)

[Integer](#) format: int32

excludedCollectors (optional)  
[array\[CollectorStatusCheckCollector\]](#)  
 excludedStatuses (optional)  
[array\[String\]](#)  
 state (optional)  
[CollectorStatusCheckConfigurationState](#)  
 version (optional)  
[Integer](#) format: int32

CollectorStatusCheckConfigurationState [Up](#)

0 = Undefined, 1 = Ready, 2 = Disabled

CollectorStatusCheckDirective [Up](#)

0 = Undefined, 1 = No Action, 2 = Change With Enable, 3 = Change With Disable

Configuration [Up](#)

companyName (optional)  
[String](#)  
 xml (optional)  
[String](#)

ConfigurationStatus [Up](#)

item (optional)  
[SysConfigItem](#)  
 displayName (optional)  
[String](#)  
 isConfigured (optional)  
[Boolean](#)

ConnectionString [Up](#)

dataSource (optional)  
[String](#)  
 initialCatalog (optional)  
[String](#)  
 credentials (optional)  
[AccountCredentials](#)  
 connectionTimeout (optional)  
[Integer](#) format: int32  
 connectRetryCount (optional)  
[Integer](#) format: int32  
 connectRetryInterval (optional)

[Integer](#) format: int32  
useWindowsAuth (optional)  
[Boolean](#)

ConstructorInfo [Up](#)

name (optional)  
[String](#)  
declaringType (optional)  
[Type](#)  
reflectedType (optional)  
[Type](#)  
module (optional)  
[Module](#)  
customAttributes (optional)  
[array\[CustomAttributeData\]](#)  
isCollectible (optional)  
[Boolean](#)  
metadataToken (optional)  
[Integer](#) format: int32  
attributes (optional)  
[MethodAttributes](#)  
methodImplementationFlags (optional)  
[MethodImplAttributes](#)  
callingConvention (optional)  
[CallingConventions](#)  
isAbstract (optional)  
[Boolean](#)  
isConstructor (optional)  
[Boolean](#)  
isFinal (optional)  
[Boolean](#)  
isHideBySig (optional)  
[Boolean](#)  
isSpecialName (optional)  
[Boolean](#)  
isStatic (optional)  
[Boolean](#)  
isVirtual (optional)  
[Boolean](#)  
isAssembly (optional)  
[Boolean](#)  
isFamily (optional)  
[Boolean](#)  
isFamilyAndAssembly (optional)  
[Boolean](#)  
isFamilyOrAssembly (optional)

[Boolean](#)

isPrivate (optional)

[Boolean](#)

isPublic (optional)

[Boolean](#)

isConstructedGenericMethod (optional)

[Boolean](#)

isGenericMethod (optional)

[Boolean](#)

isGenericMethodDefinition (optional)

[Boolean](#)

containsGenericParameters (optional)

[Boolean](#)

methodHandle (optional)

[RuntimeMethodHandle](#)

isSecurityCritical (optional)

[Boolean](#)

isSecuritySafeCritical (optional)

[Boolean](#)

isSecurityTransparent (optional)

[Boolean](#)

memberType (optional)

[MemberTypes](#)[ContainerOption](#) [Up](#)

0 = Do Not Restore Child Objects, 1 = Restore Immediate Children Only, 2 = Restore Entire Sub Tree, 3 = Max Value

[ContextualTag](#) [Up](#)

id (optional)

[UUID](#) format: uuid

name (optional)

[String](#)

origin (optional)

[TagOrigin](#)

contexts (optional)

[array\[TagContext\]](#)

[CreateTarget](#) [Up](#)

target (optional)

[Target](#)

state (optional)

[String](#)

`CustomAttributeData` [Up](#)`attributeType` (optional)[Type](#)`constructor` (optional)[ConstructorInfo](#)`constructorArguments` (optional)[array\[CustomAttributeTypedArgument\]](#)`namedArguments` (optional)[array\[CustomAttributeNamedArgument\]](#)`CustomAttributeNamedArgument` [Up](#)`memberInfo` (optional)[MemberInfo](#)`typedValue` (optional)[CustomAttributeTypedArgument](#)`memberName` (optional)[String](#)`isField` (optional)[Boolean](#)`CustomAttributeTypedArgument` [Up](#)`argumentType` (optional)[Type](#)`value` (optional)`CygApiResultBase` [Up](#)`isSuccessful` (optional)[Boolean](#)`status` (optional)[CygStatus](#)`message` (optional)[String](#)`CygStatus` [Up](#)

0 = Undefined, 1 = Created, 2 = Found, 3 = Updated, 4 = Deleted, 5 = Set, 6 = Passed, 7 = In Progress, 10 = Success, 20 = Already Exists, 22 = Not Found, 25 = Not Set, 26 = Failed, 27 = Transaction Failed, 50 = Insufficient Permission, 100 = Exception, 101 = Assert Exception, 102 = Migration Exception, 103 = Skipped, 104 = Partial

## CygnaAuditorService [Up](#)

id (optional)

[UUID](#) format: uuid

serviceName (optional)

[String](#)

serviceDisplayName (optional)

[String](#)

status (optional)

[ServiceControllerStatus](#)

## DataComparison [Up](#)

Defines the condition for the search. Each value stands for a specific condition, such as doesn't contain or is. <br><br>0 = None, 1 = Equal, 2 = Not Equal, 3 = Less Than, 4 = Greater Than, 5 = Contains, 6 = Does Not Contain, 7 = Starts With, 8 = Does Not Start With, 9 = Ends With, 10 = Does Not End With, 11 = Between Dates, 12 = Not Between Dates, 13 = In, 14 = Not In, 15 = Like, 16 = Not Like, 17 = Since, 18 = In The Last, 19 = Today, 20 = Between Date Times, 21 = Not Between Date Times, 22 = Older Than

## DataSource [Up](#)

Defines the data source. Each value stands for a specific data source, such as Active Directory or File System. <br><br>0 = Unknown, 1 = Active Directory, 2 = File System, 3 = Azure AD, 4 = Azure AD Sign-In, 5 = Exchange Online, 6 = SharePoint Online, 7 = VMWare, 8 = Active Directory Rollback, 9 = Microsoft Teams, 10 = Cygna Auditor, 11 = OneDrive, 12 = Azure, 14 = Security & Compliance Center, 101 = Active Directory (Blackbird)

## DatabaseConnectorDesignation [Up](#)

0 = Undefined, 1 = Cygna Auditor Core Configuration, 2 = Cygna Auditor Event Provider, 4 = Cygna Auditor Archive Event Provider

## DatabaseConnectorType [Up](#)

0 = Undefined, 1 = Cygna Auditor, 2 = PBMS, 3 = Cygna Auditor Archive

## DatabaseInfo [Up](#)

connectionString (optional)

[ConnectionString](#)

versionComparison (optional)

[DatabaseVersionCompare](#)

## DatabaseList [Up](#)

databases (optional)

[array\[String\]](#)

## DatabaseSetup [Up](#)

credentials (optional)

[AccountCredentials](#)

connectionString (optional)

[ConnectionString](#)

forest (optional)

[String](#)

## DatabaseStatistics [Up](#)

adEventCount (optional)

[Integer](#) format: int32

fsEventCount (optional)

[Integer](#) format: int32

azureAdEventCount (optional)

[Integer](#) format: int32

azureLogonEventCount (optional)

[Integer](#) format: int32

azureEventCount (optional)

[Integer](#) format: int32

securityComplianceCenterEventCount (optional)

[Integer](#) format: int32

sharePointOnlineEventCount (optional)

[Integer](#) format: int32

microsoftTeamsEventCount (optional)

[Integer](#) format: int32

exchangeOnlineEventCount (optional)

[Integer](#) format: int32

vmwareEventCount (optional)

[Integer](#) format: int32

totalEventCount (optional)

[Integer](#) format: int32

databaseSize (optional)

[Integer](#) format: int32

eventsPerGb (optional)

[Integer](#) format: int32

## DatabaseVersion [Up](#)

build (optional)

[String](#)

sqlSchema (optional)

[String](#)

appliedTime (optional)

[Date](#) format: date-time

DatabaseVersionCompare [Up](#)

requiredVersion (optional)

[DatabaseVersion](#)

databaseVersion (optional)

[DatabaseVersion](#)

DelegatedAccount [Up](#)

dn (optional)

[String](#)

displayName (optional)

[String](#)

domain (optional)

[String](#)

objectClass (optional)

[ObjectClassType](#)

sid (optional)

[String](#)

isReadOnly (optional)

[Boolean](#)

DelegatedDatabaseConnector [Up](#)

id (optional)

[UUID](#) format: uuid

name (optional)

[String](#)

description (optional)

[String](#)

type (optional)

[DatabaseConnectorType](#)

designation (optional)

[DatabaseConnectorDesignation](#)

isEnabled (optional)

[Boolean](#)

connectionString (optional)

[String](#)

isReadOnly (optional)

[Boolean](#)

configuration (optional)

[ConnectionString](#)

delegatedResources (optional)

[array\[DelegatedResourceX\]](#)

DelegatedResourceType [Up](#)

0 = Undefined, 1 = Report, 2 = Report Tag, 3 = Report Type, 4 = Scheduled Job, 5 = Scheduled Job Tag, 6 = Scheduled Job Type, 7 = Database Connector

DelegatedResourceX [Up](#)

id (optional)

[Integer](#) format: int32

type (optional)

[DelegatedResourceType](#)

resourceId (optional)

[String](#)

accounts (optional)

[array\[DelegatedAccount\]](#)

DelegationAccount [Up](#)

The object contains information about the Cygna user and assigned roles.

id (optional)

[Integer](#) format: int32

lastLogon (optional)

[Date](#) format: date-time

name (optional)

[String](#)

displayName (optional)

[String](#)

identifier (optional)

[String](#)

roles (optional)

[array\[Role\]](#)

type (optional)

[String](#)

enabled (optional)

[Boolean](#)

DeletedObject [Up](#)

cn (optional)

[String](#)

objectGuid (optional)

[UUID](#) format: uuid  
objectSid (optional)  
[String](#)  
objectClass (optional)  
[String](#)  
dn (optional)  
[String](#)  
displayName (optional)  
[String](#)  
name (optional)  
[String](#)  
domain (optional)  
[String](#)  
dnsName (optional)  
[String](#)  
ldapName (optional)  
[String](#)  
samAccountName (optional)  
[String](#)  
userPrincipalName (optional)  
[String](#)  
presentationName (optional)  
[String](#)  
description (optional)  
[String](#)  
msdsPrincipalName (optional)  
[String](#)  
userAccountControl (optional)  
[Long](#) format: int64  
managerEmail (optional)  
[String](#)  
pwdLastSet (optional)  
[Long](#) format: int64  
accountExpires (optional)  
[Long](#) format: int64  
attributes (optional)  
[array\[ActiveDirectoryAttribute\]](#)  
rawValues (optional)  
[map\[String, array\[null\]\]](#)  
showInAdvancedViewOnly (optional)  
[Boolean](#)  
hasInferiors (optional)  
[Boolean](#)  
lastKnownParent (optional)  
[String](#)  
deletedOn (optional)  
[Date](#) format: date-time

distinguishedName (optional)

[String](#)

timeLeftBeforePurge (optional)

[String](#)

DomainConfiguration [Up](#)

id (optional)

[Integer](#) format: int32

dnsName (optional)

[String](#)

ncName (optional)

[String](#)

netBiosName (optional)

[String](#)

objectGuid (optional)

[UUID](#) format: uuid

accountName (optional)

[String](#)

password (optional)

[String](#)

collectionInterval (optional)

[Integer](#) format: int32

dcAccountName (optional)

[String](#)

dcPassword (optional)

[String](#)

backupAccountName (optional)

[String](#)

backupPassword (optional)

[String](#)

flags (optional)

[Integer](#) format: int32

status (optional)

[Integer](#) format: int32

statusDescription (optional)

[String](#)

localDcCollection (optional)

[Boolean](#)

parentDomain (optional)

[String](#)

domainControllers (optional)

[array\[DomainController\]](#)

agentConfiguration (optional)

[CollectionConfiguration](#)

enabled (optional)

[Boolean](#)

## DomainControllerUp

domain (optional)

[String](#)

name (optional)

[String](#)

netBiosName (optional)

[String](#)

status (optional)

[Integer](#) format: int32

statusMessage (optional)

[String](#)

osVersion (optional)

[String](#)

agentVersion (optional)

[String](#)

upgradeRequired (optional)

[Boolean](#)

id (optional)

[Integer](#) format: int32

sid (optional)

[String](#)

lastActive (optional)

[Date](#) format: date-time

hasAgent (optional)

[Boolean](#)

enabled (optional)

[Boolean](#)

## DomainControllerSearchUp

searchString (optional)

[String](#)

credentials (optional)

[AccountCredentials](#)

excludeConfiguredDomains (optional)

[Boolean](#)

collectorId (optional)

[Integer](#) format: int32

## DomainProtectionPolicyUp

id (optional)

[Integer](#) format: int32

domainId (optional)

[Integer](#) format: int32

ruleId (optional)  
[Integer](#) format: int32  
enabled (optional)  
[Boolean](#)  
actionMask (optional)  
[Integer](#) format: int32  
rule (optional)  
[ProtectionRule](#)

DomainSearch [Up](#)

searchString (optional)  
[String](#)  
credentials (optional)  
[AccountCredentials](#)  
excludeConfiguredDomains (optional)  
[Boolean](#)

EventAttributes [Up](#)

0 = None, 512 = Special Name, 1024 = R T Special Name

EventInfo [Up](#)

name (optional)  
[String](#)  
declaringType (optional)  
[Type](#)  
reflectedType (optional)  
[Type](#)  
module (optional)  
[Module](#)  
customAttributes (optional)  
[array\[CustomAttributeData\]](#)  
isCollectible (optional)  
[Boolean](#)  
metadataToken (optional)  
[Integer](#) format: int32  
memberType (optional)  
[MemberTypes](#)  
attributes (optional)  
[EventAttributes](#)  
isSpecialName (optional)  
[Boolean](#)  
addMethod (optional)  
[MethodInfo](#)

removeMethod (optional)

[MethodInfo](#)

raiseMethod (optional)

[MethodInfo](#)

isMulticast (optional)

[Boolean](#)

eventHandlerType (optional)

[Type](#)

EventsRequest [Up](#)

Defines the way returned data should be organized.

clauses (optional)

[array\[Clause\]](#)

columns (optional)

[array\[AuditEventColumn\]](#)

Exception [Up](#)

targetSite (optional)

[MethodBase](#)

stackTrace (optional)

[String](#)

message (optional)

[String](#)

data (optional)

[map\[String, null\]](#)

innerException (optional)

[Exception](#)

helpLink (optional)

[String](#)

source (optional)

[String](#)

hResult (optional)

[Integer](#) format: int32

FieldAttributes [Up](#)

0 = Private Scope, 1 = Private, 2 = Fam AND Assem, 3 = Assembly, 4 = Family, 5 = Fam OR Assem, 6 = Public, 7 = Field Access Mask, 16 = Static, 32 = Init Only, 64 = Literal, 128 = Not Serialized, 256 = Has FieldRVA, 512 = Special Name, 1024 = R T Special Name, 4096 = Has Field Marshal, 8192 = Pinvoke Impl, 32768 = Has Default, 38144 = Reserved Mask

## FieldInfo [Up](#)

name (optional)

[String](#)

declaringType (optional)

[Type](#)

reflectedType (optional)

[Type](#)

module (optional)

[Module](#)

customAttributes (optional)

[array\[CustomAttributeData\]](#)

isCollectible (optional)

[Boolean](#)

metadataToken (optional)

[Integer](#) format: int32

memberType (optional)

[MemberTypes](#)

attributes (optional)

[FieldAttributes](#)

fieldType (optional)

[Type](#)

isInitOnly (optional)

[Boolean](#)

isLiteral (optional)

[Boolean](#)

isNotSerialized (optional)

[Boolean](#)

isPinvokelImpl (optional)

[Boolean](#)

isSpecialName (optional)

[Boolean](#)

isStatic (optional)

[Boolean](#)

isAssembly (optional)

[Boolean](#)

isFamily (optional)

[Boolean](#)

isFamilyAndAssembly (optional)

[Boolean](#)

isFamilyOrAssembly (optional)

[Boolean](#)

isPrivate (optional)

[Boolean](#)

isPublic (optional)

[Boolean](#)

isSecurityCritical (optional)

[Boolean](#)

isSecuritySafeCritical (optional)

[Boolean](#)

isSecurityTransparent (optional)

[Boolean](#)

fieldHandle (optional)

[RuntimeFieldHandle](#)

## FileServer [Up](#)

id (optional)

[Integer](#) format: int32

serverId (optional)

[Integer](#) format: int32

serverName (optional)

[String](#)

serverDnsName (optional)

[String](#)

serverSid (optional)

[String](#)

version (optional)

[String](#)

status (optional)

[Integer](#) format: int32

isDriver (optional)

[Boolean](#)

lastUpdate (optional)

[Date](#) format: date-time

workItemId (optional)

[UUID](#) format: uuid

lastCollection (optional)

[Date](#) format: date-time

collectionInterval (optional)

[Integer](#) format: int32

alertCount (optional)

[Integer](#) format: int32

upgradeRequired (optional)

[Boolean](#)

## FileSystemConfiguration [Up](#)

credentials (optional)

[AccountCredentials](#)

servers (optional)

[array\[FileServer\]](#)

## FilterAction [Up](#)

type (optional)

[String](#)

data (optional)

[String](#)

## FilterClause [Up](#)

type (optional)

[String](#)

field (optional)

[String](#)

comparison (optional)

[String](#)

values (optional)

[array\[FilterValue\]](#)

## FilterReport [Up](#)

description (optional)

[String](#)

isAlert (optional)

[Boolean](#)

name (optional)

[String](#)

reportType (optional)

[String](#)

sortAscending (optional)

[Boolean](#)

tags (optional)

[String](#)

id (optional)

[UUID](#) format: uuid

enabled (optional)

[Boolean](#)

maxRecordCount (optional)

[Integer](#) format: int32

actions (optional)

[array\[FilterAction\]](#)

clauses (optional)

[array\[FilterClause\]](#)

baseQuery (optional)

[String](#)

## FilterValue [Up](#)

value1 (optional)

[String](#)

value2 (optional)

[String](#)

## GenericParameterAttributes [Up](#)

0 = None, 1 = Covariant, 2 = Contravariant, 3 = Variance Mask, 4 = Reference Type Constraint, 8 = Not Nullable Value Type Constraint, 16 = Default Constructor Constraint, 28 = Special Constraint Mask

## GpoChange [Up](#)

name (optional)

[String](#)

attributeName (optional)

[String](#)

state (optional)

[String](#)

explain (optional)

[String](#)

supported (optional)

[String](#)

category (optional)

[String](#)

oldValue (optional)

[String](#)

newValue (optional)

[String](#)

## HealthCheck [Up](#)

id (optional)

[UUID](#) format: uuid

name (optional)

[String](#)

description (optional)

[String](#)

status (optional)

[HealthStatus](#)

statusDetail (optional)

[String](#)

## HealthStatus [Up](#)

1 = Success, 2 = Failure, 3 = Unavailable

## ICustomAttributeProvider [Up](#)

## IMatchedElement [Up](#)

name (optional)

[String](#)

value (optional)

[String](#)

## IUserSearchMatch [Up](#)

accountId (optional)

[Integer](#) format: int32

presentationName (optional)

[String](#)

origin (optional)

[UserProvenance](#)

matchedElements (optional)

[array\[IMatchedElement\]](#)

## Identity [Up](#)

The object describes Cygna identity and enables you to manage events created by several accounts as events created by a single entity.

id (optional)

[Integer](#) format: int32

name (optional)

[String](#)

description (optional)

[String](#)

modifiedOn (optional)

[Date](#) format: date-time

accounts (optional)

[array\[IdentityAccount\]](#)

## IdentityAccount [Up](#)

The object contains information about the account linked to a Cygna identity.

id (optional)

[Integer](#) format: int32

identityId (optional)

[Integer](#) format: int32  
 accountId (optional)  
[Integer](#) format: int32  
 source (optional)  
[Source](#)  
 state (optional)  
[IdentityAccountState](#)  
 displayName (optional)  
[String](#)  
 accountName (optional)  
[String](#)  
 securityIdentifier (optional)  
[String](#)

IdentityAccountState [Up](#)

Defines the account status in the identity configuration.<br><br>0 = Undefined, 1 = Ready, 2 = Pending Approval, 3 = Disabled, 4 = Delete Pending

IdentityType [Up](#)

0 = Local System, 1 = Local Service, 2 = Network Service, 3 = Specific User, 4 = Application Pool Identity

InheritanceType [Up](#)

0 = e This Object Only, 1 = e Child Objects Only, 2 = e This Object And Child Objects

IntPtr [Up](#)

JobInfoBase [Up](#)

type (optional)  
[ScheduledJobType](#)

LayoutKind [Up](#)

0 = Sequential, 2 = Explicit, 3 = Auto

LdapScope [Up](#)

0 = This Object Only, 1 = Child Object Only, 2 = This Object And Children

## License [Up](#)

company (optional)  
[UUID](#) format: uuid  
modules (optional)  
[array\[LicenseDetail\]](#)  
generatedOn (optional)  
[Date](#) format: date-time  
maintenanceExpiry (optional)  
[Date](#) format: date-time  
version (optional)  
[Integer](#) format: int32  
configuration (optional)  
[Configuration](#)

## LicenseDetail [Up](#)

id (optional)  
[UUID](#) format: uuid  
name (optional)  
[String](#)  
count (optional)  
[Integer](#) format: int32  
endDate (optional)  
[Date](#) format: date-time  
licenseType (optional)  
[Integer](#) format: int32

## LogConfiguration [Up](#)

level (optional)  
[LogLevel](#)

## LogLevel [Up](#)

0 = Undefined, 10 = Verbose, 11 = Debug, 12 = Info, 13 = Warn, 14 = Error, 15 = Fatal, 20 = Audit Verbose, 21 = Audit Debug, 22 = Audit Info, 23 = Audit Warn, 24 = Audit Error, 25 = Audit Fatal, 30 = Audit Exception

## LogMessage [Up](#)

level (optional)  
[LogLevel](#)  
message (optional)  
[String](#)  
auditDetails (optional)

## [String](#)

LoggingConfiguration [Up](#)

isApiLoggingEnabled (optional)

[Boolean](#)

isStatusEventsLoggingEnabled (optional)

[Boolean](#)

ManagedPipelineMode [Up](#)

0 = Integrated, 1 = Classic

MemberInfo [Up](#)

memberType (optional)

[MemberTypes](#)

declaringType (optional)

[Type](#)

reflectedType (optional)

[Type](#)

name (optional)

[String](#)

module (optional)

[Module](#)

customAttributes (optional)

[array\[CustomAttributeData\]](#)

isCollectible (optional)

[Boolean](#)

metadataToken (optional)

[Integer](#) format: int32

MemberTypes [Up](#)

1 = Constructor, 2 = Event, 4 = Field, 8 = Method, 16 = Property, 32 = Type Info, 64 = Custom, 128 = Nested Type, 191 = All

MethodAttributes [Up](#)

0 = Reuse Slot, 1 = Private, 2 = Fam AND Assem, 3 = Assembly, 4 = Family, 5 = Fam OR Assem, 6 = Public, 7 = Member Access Mask, 8 = Unmanaged Export, 16 = Static, 32 = Final, 64 = Virtual, 128 = Hide By Sig, 256 = New Slot, 512 = Check Access On Override, 1024 = Abstract, 2048 = Special Name, 4096 = R T Special Name, 8192 = Pinvoke Impl, 16384 = Has Security, 32768 = Require Sec Object, 53248 = Reserved Mask

---

## MethodBase [Up](#)

memberType (optional)

[MemberTypes](#)

name (optional)

[String](#)

declaringType (optional)

[Type](#)

reflectedType (optional)

[Type](#)

module (optional)

[Module](#)

customAttributes (optional)

[array\[CustomAttributeData\]](#)

isCollectible (optional)

[Boolean](#)

metadataToken (optional)

[Integer](#) format: int32

attributes (optional)

[MethodAttributes](#)

methodImplementationFlags (optional)

[MethodImplAttributes](#)

callingConvention (optional)

[CallingConventions](#)

isAbstract (optional)

[Boolean](#)

isConstructor (optional)

[Boolean](#)

isFinal (optional)

[Boolean](#)

isHideBySig (optional)

[Boolean](#)

isSpecialName (optional)

[Boolean](#)

isStatic (optional)

[Boolean](#)

isVirtual (optional)

[Boolean](#)

isAssembly (optional)

[Boolean](#)

isFamily (optional)

[Boolean](#)

isFamilyAndAssembly (optional)

[Boolean](#)

isFamilyOrAssembly (optional)

[Boolean](#)

isPrivate (optional)

[Boolean](#)

isPublic (optional)

[Boolean](#)

isConstructedGenericMethod (optional)

[Boolean](#)

isGenericMethod (optional)

[Boolean](#)

isGenericMethodDefinition (optional)

[Boolean](#)

containsGenericParameters (optional)

[Boolean](#)

methodHandle (optional)

[RuntimeMethodHandle](#)

isSecurityCritical (optional)

[Boolean](#)

isSecuritySafeCritical (optional)

[Boolean](#)

isSecurityTransparent (optional)

[Boolean](#)

MethodImplAttributes [Up](#)

0 = Managed, 1 = Native, 2 = OPTIL, 3 = Code Type Mask, 4 = Unmanaged, 8 = No Inlining, 16 = Forward Ref, 32 = Synchronized, 64 = No Optimization, 128 = Preserve Sig, 256 = Aggressive Inlining, 512 = Aggressive Optimization, 4096 = Internal Call, 65535 = Max Method Impl Val

MethodInfo [Up](#)

name (optional)

[String](#)

declaringType (optional)

[Type](#)

reflectedType (optional)

[Type](#)

module (optional)

[Module](#)

customAttributes (optional)

[array\[CustomAttributeData\]](#)

isCollectible (optional)

[Boolean](#)

metadataToken (optional)

[Integer](#) format: int32

attributes (optional)

[MethodAttributes](#)

methodImplementationFlags (optional)

[MethodImplAttributes](#)

callingConvention (optional)

[CallingConventions](#)

isAbstract (optional)

[Boolean](#)

isConstructor (optional)

[Boolean](#)

isFinal (optional)

[Boolean](#)

isHideBySig (optional)

[Boolean](#)

isSpecialName (optional)

[Boolean](#)

isStatic (optional)

[Boolean](#)

isVirtual (optional)

[Boolean](#)

isAssembly (optional)

[Boolean](#)

isFamily (optional)

[Boolean](#)

isFamilyAndAssembly (optional)

[Boolean](#)

isFamilyOrAssembly (optional)

[Boolean](#)

isPrivate (optional)

[Boolean](#)

isPublic (optional)

[Boolean](#)

isConstructedGenericMethod (optional)

[Boolean](#)

isGenericMethod (optional)

[Boolean](#)

isGenericMethodDefinition (optional)

[Boolean](#)

containsGenericParameters (optional)

[Boolean](#)

methodHandle (optional)

[RuntimeMethodHandle](#)

isSecurityCritical (optional)

[Boolean](#)

isSecuritySafeCritical (optional)

[Boolean](#)

isSecurityTransparent (optional)

[Boolean](#)

memberType (optional)

[MemberTypes](#)

returnParameter (optional)

[ParameterInfo](#)

returnType (optional)

[Type](#)

returnTypeCustomAttributes (optional)

[ICustomAttributeProvider](#)`MisfireRule` [Up](#)

0 = Undefined, 1 = Do Nothing, 2 = Fire And Proceed

`Module` [Up](#)

assembly (optional)

[Assembly](#)

fullyQualifiedName (optional)

[String](#)

name (optional)

[String](#)

mdStreamVersion (optional)

[Integer](#) format: int32

moduleVersionId (optional)

[UUID](#) format: uuid

scopeName (optional)

[String](#)

moduleHandle (optional)

[ModuleHandle](#)

customAttributes (optional)

[array\[CustomAttributeData\]](#)

metadataToken (optional)

[Integer](#) format: int32`ModuleHandle` [Up](#)

mdStreamVersion (optional)

[Integer](#) format: int32`NamingConflictOption` [Up](#)

0 = Skip the object, 1 = Prompt for new values, 2 = Automatically choose new values, 3 = Max Value

`NamingContext` [Up](#)

0 = Default, 1 = Configuration, 2 = Schema, 3 = RootDSE, 4 = Custom

## Object [Up](#)

tenantId (optional)

[UUID](#) format: uuid

id (optional)

[UUID](#) format: uuid

name (optional)

[String](#)

type (optional)

[String](#)

createdOn (optional)

[Date](#) format: date-time

deletedOn (optional)

[Date](#) format: date-time

userPrincipalName (optional)

[String](#)

## ObjectClassType [Up](#)

0 = Undefined, 1 = User, 2 = Group

## ObjectSnapshot [Up](#)

id (optional)

[Integer](#) format: int32

objectGuid (optional)

[UUID](#) format: uuid

domain (optional)

[String](#)

encodedAttributeCount (optional)

[Integer](#) format: int32

encodedData (optional)

[String](#)

attributes (optional)

[array\[AttributeValue\]](#)

eventTime (optional)

[Date](#) format: date-time

samType (optional)

[Integer](#) format: int32

adObject (optional)

[ActiveDirectoryObjectRecord](#)

storageType (optional)

[Integer](#) format: int32

## Option [Up](#)

0 = Starts With, 1 = Ends With, 2 = Contains

## Order [Up](#)

0 = Asc, 1 = Desc

## ParameterAttributes [Up](#)

0 = None, 1 = In, 2 = Out, 4 = Lcid, 8 = Retval, 16 = Optional, 4096 = Has Default, 8192 = Has Field Marshal, 16384 = Reserved3, 32768 = Reserved4, 61440 = Reserved Mask

## ParameterInfo [Up](#)

attributes (optional)

[ParameterAttributes](#)

member (optional)

[MemberInfo](#)

name (optional)

[String](#)

parameterType (optional)

[Type](#)

position (optional)

[Integer](#) format: int32

isIn (optional)

[Boolean](#)

isLcid (optional)

[Boolean](#)

isOptional (optional)

[Boolean](#)

isOut (optional)

[Boolean](#)

isRetval (optional)

[Boolean](#)

defaultValue (optional)

rawDefaultValue (optional)

hasDefaultValue (optional)

[Boolean](#)

customAttributes (optional)

[array\[CustomAttributeData\]](#)

metadataToken (optional)

[Integer](#) format: int32

## Permission [Up](#)

A permission record.

id (optional)

[UUID](#) format: uuid

code (optional)

[Integer](#) format: int32

category (optional)

[String](#)

displayPermission (optional)

[String](#)

name (optional)

[String](#)

shortName (optional)

[String](#)

description (optional)

[String](#)

type (optional)

[String](#)

configuration (optional)

[String](#)

visible (optional)

[Boolean](#)

## PostRunActionBase [Up](#)

type (optional)

[PostRunActionType](#)

isEnabled (optional)

[Boolean](#)

## PostRunActionType [Up](#)

0 = Undefined, 1 = Email Report, 2 = Archive Report, 3 = Export Report, 4 = SMS

## ProductInformation [Up](#)

company (optional)

[String](#)

copyright (optional)

[String](#)

productName (optional)

[String](#)

## PropertyAttributes [Up](#)

0 = None, 512 = Special Name, 1024 = R T Special Name, 4096 = Has Default, 8192 = Reserved2, 16384 = Reserved3, 32768 = Reserved4, 62464 = Reserved Mask

## PropertyInfo [Up](#)

name (optional)

[String](#)

declaringType (optional)

[Type](#)

reflectedType (optional)

[Type](#)

module (optional)

[Module](#)

customAttributes (optional)

[array\[CustomAttributeData\]](#)

isCollectible (optional)

[Boolean](#)

metadataToken (optional)

[Integer](#) format: int32

memberType (optional)

[MemberTypes](#)

propertyType (optional)

[Type](#)

attributes (optional)

[PropertyAttributes](#)

isSpecialName (optional)

[Boolean](#)

canRead (optional)

[Boolean](#)

canWrite (optional)

[Boolean](#)

getMethod (optional)

[MethodInfo](#)

setMethod (optional)

[MethodInfo](#)

## ProtectedAccount [Up](#)

id (optional)

[Integer](#) format: int32

dn (optional)

[String](#)

displayName (optional)

[String](#)

domain (optional)

[String](#)

sid (optional)

[String](#)

excluded (optional)

[Boolean](#)

ProtectedObject [Up](#)

id (optional)

[Integer](#) format: int32

dn (optional)

[String](#)

objectClass (optional)

[String](#)

displayName (optional)

[String](#)

guid (optional)

[UUID](#) format: uuid

inheritance (optional)

[InheritanceType](#)

excluded (optional)

[Boolean](#)

domainId (optional)

[Integer](#) format: int32

ProtectionFilter [Up](#)

id (optional)

[Integer](#) format: int32

eventMask (optional)

[Integer](#) format: int32

accounts (optional)

[array\[ProtectedAccount\]](#)

attributes (optional)

[array\[String\]](#)

objects (optional)

[array\[ProtectedObject\]](#)

objectClasses (optional)

[array\[String\]](#)

ProtectionRule [Up](#)

id (optional)

[Integer](#) format: int32

name (optional)

[String](#)

description (optional)

[String](#)

defaultAllow (optional)

[Boolean](#)

builtIn (optional)

[Boolean](#)

filters (optional)

[array\[ProtectionFilter\]](#)ProxyConfigurationWeb [Up](#)

isProxyToBeUsed (optional)

[Boolean](#)

server (optional)

[String](#)

port (optional)

[Integer](#) format: int32

isSpecificUserToBeUsed (optional)

[Boolean](#)

userCredentials (optional)

[AccountCredentials](#)

adminCredentials (optional)

[AccountCredentials](#)RecoveryRequest [Up](#)

objectId (optional)

[UUID](#) format: uuid

domainId (optional)

[Integer](#) format: int32

clearUserMustChangePasswordFlag (optional)

[Boolean](#)

newPassword (optional)

[String](#)

containerOption (optional)

[ContainerOption](#)

namingConflictOption (optional)

[NamingConflictOption](#)

forceReplication (optional)

[Boolean](#)

snapshotId (optional)

[Integer](#) format: int32

credentials (optional)

[AccountCredentials](#)

storageType (optional)

[StorageType](#)

objectClass (optional)

[String](#)

enableAccount (optional)

[Boolean](#)

domainController (optional)

[String](#)[RemoteLoggerConfigurationInfoBase](#) **Up**

type (optional)

[RemoteLoggerType](#)[RemoteLoggerConfigurationX](#) **Up**

type (optional)

[RemoteLoggerType](#)

configInfo (optional)

[RemoteLoggerConfigurationInfoBase](#)[RemoteLoggerType](#) **Up**

0 = Undefined, 1 = Splunk, 2 = Syslog

[ReportAccess](#) **Up**

id (optional)

[Integer](#) format: int32

reportId (optional)

[UUID](#) format: uuid

createdByUserType (optional)

[UserIdType](#)

createdById (optional)

[String](#)

createdByUsername (optional)

[String](#)

createdOn (optional)

[Date](#) format: date-time

modifiedByUserType (optional)

[UserIdType](#)

modifiedById (optional)

[String](#)

modifiedByUsername (optional)

[String](#)

modifiedOn (optional)

[Date](#) format: date-time

isPrivate (optional)

[Boolean](#)

ReportRunnerJobInfo [Up](#)

type (optional)

[ScheduledJobType](#)

runInfo (optional)

[RunReportInfo](#)

postRunActions (optional)

[array\[PostRunActionBase\]](#)

ReportStylingX [Up](#)

elementName (optional)

[String](#)

textColour (optional)

[String](#)

isBold (optional)

[Boolean](#)

isItalic (optional)

[Boolean](#)

mappings (optional)

[map\[String, Integer\]](#) format: int32

ReportWeb [Up](#)

id (optional)

[UUID](#) format: uuid

name (optional)

[String](#)

description (optional)

[String](#)

filter (optional)

[array\[Clause\]](#)

type (optional)

[String](#)

tags (optional)

[array\[Tag\]](#)

actions (optional)

[array\[ActionConfiguration\]](#)

eventColumns (optional)

[array\[AuditEventColumn\]](#)

access (optional)

[ReportAccess](#)

delegatedResources (optional)

[array\[DelegatedResourceX\]](#)

isReadOnly (optional)

[Boolean](#)

RequestLock [Up](#)

enabled (optional)

[Boolean](#)

maxLocks (optional)

[Integer](#) format: int32

Role [Up](#)

The role object contains delegation settings including a role name and included permissions.

id (optional)

[UUID](#) format: uuid

name (optional)

[String](#)

description (optional)

[String](#)

type (optional)

[Integer](#) format: int32

permissions (optional)

[array\[Permission\]](#)

RunReportInfo [Up](#)

id (optional)

[UUID](#) format: uuid

name (optional)

[String](#)

description (optional)

[String](#)

request (optional)

[EventsRequest](#)

RuntimeFieldHandle [Up](#)

value (optional)

[IntPtr](#)

RuntimeMethodHandle [Up](#)

value (optional)

[IntPtr](#)

RuntimeTypeHandle [Up](#)

value (optional)

[IntPtr](#)

ScheduledJobState [Up](#)

0 = Undefined, 1 = Ready, 2 = Currently Active, 3 = Disabled, 4 = Delete Pending

ScheduledJobType [Up](#)

0 = Undefined, 2 = Report Runner, 3 = System Summary, 4 = Identity Searcher, 5 = Data Purge, 6 = WorkItem

ScheduledJobWeb [Up](#)

id (optional)

[UUID](#) format: uuid

name (optional)

[String](#)

description (optional)

[String](#)

type (optional)

[ScheduledJobType](#)

jobInfo (optional)

[JobInfoBase](#)

timingInfo (optional)

[TimingInfoBase](#)

modifiedOn (optional)

[Date](#) format: date-time

lastRunOn (optional)

[Date](#) format: date-time

nextRunOn (optional)

[Date](#) format: date-time

state (optional)

[ScheduledJobState](#)

isEnabled (optional)

[Boolean](#)

ScheduledTimingType [Up](#)

0 = Undefined, 1 = Custom Interval, 2 = Simple Repeat, 3 = Explicit Cron

SchedulerConfiguration [Up](#)

directive (optional)

## [SchedulerControlDirective](#)

status (optional)

### [SchedulerStatus](#)

SchedulerControlDirective [Up](#)

0 = Undefined, 1 = No Action, 2 = Pause All, 3 = Resume All, 11 = Audit Per ScheduledJobs table

SchedulerStatus [Up](#)

0 = Undefined, 1 = Active, 2 = Paused

Scope [Up](#)

The object limits the role assignment to certain settings.

id (optional)

[Integer](#) format: int32

accountRoleId (optional)

[Integer](#) format: int32

displayName (optional)

[String](#)

configurationObject (optional)

[String](#)

type (optional)

[Integer](#) format: int32

SearchObjectType [Up](#)

1 = Local Users, 2 = Local Groups, 4 = Domain Users, 8 = Domain Groups, 16 = Computers, 32 = Domain Controllers, 64 = Exchange Servers, 128 = Sql Servers, 256 = Containers, 512 = Organizational Units

SearchType [Up](#)

0 = None, 1 = Active Directory, 2 = Azure, 3 = O365, 4 = Teams, 5 = V M Ware, 6 = AzureARM

SecurityIdentifier [Up](#)

binaryLength (optional)

[Integer](#) format: int32

accountDomainSid (optional)

[SecurityIdentifier](#)

value (optional)

[String](#)

SecurityRuleSet [Up](#)

0 = None, 1 = Level1, 2 = Level2

ServerList [Up](#)

servers (optional)  
[array\[String\]](#)

ServiceCommand [Up](#)

targetGuid (optional)  
[UUID](#) format: uuid  
dateTime (optional)  
[String](#)  
commandId (optional)  
[ServiceCommandId](#)  
commandData (optional)  
[String](#)

ServiceCommandId [Up](#)

0 = Undefined, 1 = Collect, 2 = Status, 3 = Stop, 4 = Restart

ServiceConfigurationWeb [Up](#)

isRunAsLocalSystem (optional)  
[Boolean](#)  
userCredentials (optional)  
[AccountCredentials](#)  
adminCredentials (optional)  
[AccountCredentials](#)  
serviceSocket (optional)  
[SocketConfiguration](#)

ServiceControllerStatus [Up](#)

1 = Stopped, 2 = Start Pending, 3 = Stop Pending, 4 = Running, 5 = Continue Pending, 6 = Pause Pending, 7 = Paused

SmtConfiguration [Up](#)

server (optional)  
[String](#)  
port (optional)  
[Integer](#) format: int32

userCredentials (optional)

[AccountCredentials](#)

fromName (optional)

[String](#)

fromAddress (optional)

[String](#)

toAddress (optional)

[String](#)

isSslToBeUsed (optional)

[Boolean](#)

SocketConfiguration [Up](#)

type (optional)

[SocketType](#)

port (optional)

[Integer](#) format: int32

serverAddress (optional)

[String](#)

encrypted (optional)

[Boolean](#)

SocketType [Up](#)

0 = 0, 1 = Stream, 2 = Dgram, 3 = Raw, 4 = Rdm

Source [Up](#)

Defines the data source the account authenticates in.<br><br>0 = Undefined, 1 = Active Directory, 2 = File System, 3 = Azure AD, 7 = vCenter

State [Up](#)

0 = Escaped, 1 = Not Escaped, 2 = Start Of Token, 3 = End Of Line, 4 = 4

StorageType [Up](#)

0 = Unknown, 1 = Active Directory, 2 = Group Policy Container, 3 = Max Value

StructLayoutAttribute [Up](#)

typeld (optional)

value (optional)

[LayoutKind](#)

## SysConfigItem [Up](#)

0 = License, 1 = Proxy, 2 = Cygna Auditor Service, 3 = SMTP, 4 = Scheduler

## SystemConfiguration [Up](#)

id (optional)

[UUID](#) format: uuid

data (optional)

[String](#)

adminCredentials (optional)

[AccountCredentials](#)

## SystemConfigurationBase [Up](#)

## SystemInformation [Up](#)

productVersion (optional)

[String](#)

adDriverVersion (optional)

[String](#)

rsatExtensionVersion (optional)

[String](#)

fsDriverVersion (optional)

[String](#)

buildDate (optional)

[String](#)

licensedTo (optional)

[String](#)

maintenanceExpiry (optional)

[String](#)

machineName (optional)

[String](#)

operatingSystem (optional)

[String](#)

processorCount (optional)

[String](#)

databaseServer (optional)

[String](#)

databaseName (optional)

[String](#)

## SystemStatus [Up](#)

id (optional)

[Integer](#) format: int32  
 configurationId (optional)  
[Integer](#) format: int32  
 type (optional)  
[String](#)  
 name (optional)  
[String](#)  
 parentItem (optional)  
[String](#)  
 statusCode (optional)  
[Integer](#) format: int32  
 statusCodeDisplay (optional)  
[String](#)  
 statusMessage (optional)  
[String](#)  
 errorCode (optional)  
[Integer](#) format: int32  
 interval (optional)  
[Integer](#) format: int32  
 lastActiveTime (optional)  
[Date](#) format: date-time  
 lastEventTime (optional)  
[Date](#) format: date-time  
 enabled (optional)  
[Boolean](#)  
 isAgent (optional)  
[Boolean](#)  
 appVersion (optional)  
[String](#)  
 isInactive (optional)  
[Boolean](#)  
 isStale (optional)  
[Boolean](#)  
 applicationGuid (optional)  
[UUID](#) format: uuid  
 statusId (optional)  
[Integer](#) format: int32  
 statusCodeDisplayEnhanced (optional)  
[String](#)

## Tag **Up**

id (optional)  
[UUID](#) format: uuid  
 name (optional)  
[String](#)  
 origin (optional)

## [TagOrigin](#)

TagContext [Up](#)

0 = Reports, 1 = Alerts, 1111 = All

TagOrigin [Up](#)

0 = Built In, 1 = User, 1111 = All

Target [Up](#)

id (optional)

[Integer](#) format: int32

status (optional)

[Integer](#) format: int32

config (optional)

[TargetConfig](#)

lastCollection (optional)

[Date](#) format: date-time

lastActive (optional)

[Date](#) format: date-time

collectionInterval (optional)

[Integer](#) format: int32

tenantCode (optional)

[String](#)

displayName (optional)

[String](#)

enabled (optional)

[Boolean](#)

TargetConfig [Up](#)

tenantActivityCollection (optional)

[Boolean](#)

collectAllSubscriptions (optional)

[Boolean](#)

collectResourceData (optional)

[Boolean](#)

dataCollectionTimeout (optional)

[Integer](#) format: int32

activityLogCollectionTimeout (optional)

[Integer](#) format: int32

activityLogCollectionSkew (optional)

[Integer](#) format: int32

parallelResourceResolutionRequests (optional)

[Integer](#) format: int32  
 resolveConfigurationObjects (optional)  
[Boolean](#)  
 initialCollectionOffset (optional)  
[Integer](#) format: int32  
 ignoredStatuses (optional)  
[array\[String\]](#)  
 ignoredItems (optional)  
[array\[String\]](#)  
 ignoredOperations (optional)  
[array\[String\]](#)  
 subscriptions (optional)  
[array\[String\]](#)  
 tenantResourceTypes (optional)  
[array\[String\]](#)  
 subscriptionResourceTypes (optional)  
[array\[String\]](#)

#### TeamsChannel [Up](#)

id (optional)  
[Integer](#) format: int32  
 channelName (optional)  
[String](#)  
 channelType (optional)  
[String](#)  
 channelGuid (optional)  
[String](#)  
 teamGuid (optional)  
[String](#)  
 mailboxUpn (optional)  
[String](#)  
 teamName (optional)  
[String](#)

#### Tenant [Up](#)

id (optional)  
[Integer](#) format: int32  
 tenantId (optional)  
[UUID](#) format: uuid  
 displayName (optional)  
[String](#)  
 enabled (optional)  
[Boolean](#)  
 interval (optional)

[Integer](#) format: int32  
 tenantCode (optional)  
[String](#)

TenantPrecursor [Up](#)

authorizationUrl (optional)  
[String](#)  
 state (optional)  
[TenantState](#)

TenantState [Up](#)

state (optional)  
[String](#)

Timeframe [Up](#)

startAt (optional)  
[Date](#) format: date-time  
 endAt (optional)  
[Date](#) format: date-time

TimingInfoBase [Up](#)

type (optional)  
[ScheduledTimingType](#)  
 effectiveDates (optional)  
[Timeframe](#)  
 misfireRule (optional)  
[MisfireRule](#)  
 priority (optional)  
[TimingPriority](#)

TimingPriority [Up](#)

No other "Schedule" should be given a TimingPriority of SchedulerOverseer or higher  
 0 = Undefined, 10 = Low, 20 = Medium, 30 = Default, 40 = High, 50 = Priority, 60 = Critical, 100 = Scheduler Overseer

Type [Up](#)

name (optional)  
[String](#)  
 customAttributes (optional)  
[array\[CustomAttributeData\]](#)

isCollectible (optional)  
[Boolean](#)

metadataToken (optional)  
[Integer](#) format: int32

isInterface (optional)  
[Boolean](#)

memberType (optional)  
[MemberTypes](#)

namespace (optional)  
[String](#)

assemblyQualifiedName (optional)  
[String](#)

fullName (optional)  
[String](#)

assembly (optional)  
[Assembly](#)

module (optional)  
[Module](#)

isNested (optional)  
[Boolean](#)

declaringType (optional)  
[Type](#)

declaringMethod (optional)  
[MethodBase](#)

reflectedType (optional)  
[Type](#)

underlyingSystemType (optional)  
[Type](#)

isTypeDefinition (optional)  
[Boolean](#)

isArray (optional)  
[Boolean](#)

isByRef (optional)  
[Boolean](#)

isPointer (optional)  
[Boolean](#)

isConstructedGenericType (optional)  
[Boolean](#)

isGenericParameter (optional)  
[Boolean](#)

isGenericTypeParameter (optional)  
[Boolean](#)

isGenericMethodParameter (optional)  
[Boolean](#)

isGenericType (optional)  
[Boolean](#)

isGenericTypeDefinition (optional)

[Boolean](#)

isSZArray (optional)

[Boolean](#)

isVariableBoundArray (optional)

[Boolean](#)

isByRefLike (optional)

[Boolean](#)

hasElementType (optional)

[Boolean](#)

genericTypeArguments (optional)

[array\[Type\]](#)

genericParameterPosition (optional)

[Integer](#) format: int32

genericParameterAttributes (optional)

[GenericParameterAttributes](#)

attributes (optional)

[TypeAttributes](#)

isAbstract (optional)

[Boolean](#)

isImport (optional)

[Boolean](#)

isSealed (optional)

[Boolean](#)

isSpecialName (optional)

[Boolean](#)

isClass (optional)

[Boolean](#)

isNestedAssembly (optional)

[Boolean](#)

isNestedFamANDAssem (optional)

[Boolean](#)

isNestedFamily (optional)

[Boolean](#)

isNestedFamORAssem (optional)

[Boolean](#)

isNestedPrivate (optional)

[Boolean](#)

isNestedPublic (optional)

[Boolean](#)

isNotPublic (optional)

[Boolean](#)

isPublic (optional)

[Boolean](#)

isAutoLayout (optional)

[Boolean](#)

isExplicitLayout (optional)

[Boolean](#)

`isLayoutSequential` (optional)  
[Boolean](#)

`isAnsiClass` (optional)  
[Boolean](#)

`isAutoClass` (optional)  
[Boolean](#)

`isUnicodeClass` (optional)  
[Boolean](#)

`isCOMObject` (optional)  
[Boolean](#)

`isContextful` (optional)  
[Boolean](#)

`isEnum` (optional)  
[Boolean](#)

`isMarshalByRef` (optional)  
[Boolean](#)

`isPrimitive` (optional)  
[Boolean](#)

`isValueType` (optional)  
[Boolean](#)

`isSignatureType` (optional)  
[Boolean](#)

`isSecurityCritical` (optional)  
[Boolean](#)

`isSecuritySafeCritical` (optional)  
[Boolean](#)

`isSecurityTransparent` (optional)  
[Boolean](#)

`structLayoutAttribute` (optional)  
[StructLayoutAttribute](#)

`typeInitializer` (optional)  
[ConstructorInfo](#)

`typeHandle` (optional)  
[RuntimeTypeHandle](#)

`guid` (optional)  
[UUID](#) format: uuid

`baseType` (optional)  
[Type](#)

`isSerializable` (optional)  
[Boolean](#)

`containsGenericParameters` (optional)  
[Boolean](#)

`isVisible` (optional)  
[Boolean](#)

## TypeAttributes [Up](#)

0 = Class, 1 = Public, 2 = Nested Public, 3 = Nested Private, 4 = Nested Family, 5 = Nested Assembly, 6 = Nested Fam AND Assem, 7 = Visibility Mask, 8 = Sequential Layout, 16 = Explicit Layout, 24 = Layout Mask, 32 = Interface, 128 = Abstract, 256 = Sealed, 1024 = Special Name, 2048 = R T Special Name, 4096 = Import, 8192 = Serializable, 16384 = Windows Runtime, 65536 = Unicode Class, 131072 = Auto Class, 196608 = String Format Mask, 262144 = Has Security, 264192 = Reserved Mask, 1048576 = Before Field Init, 12582912 = Custom Format Mask

## TypeInfo [Up](#)

name (optional)

[String](#)

customAttributes (optional)

[array\[CustomAttributeData\]](#)

isCollectible (optional)

[Boolean](#)

metadataToken (optional)

[Integer](#) format: int32

isInterface (optional)

[Boolean](#)

memberType (optional)

[MemberTypes](#)

namespace (optional)

[String](#)

assemblyQualifiedName (optional)

[String](#)

fullName (optional)

[String](#)

assembly (optional)

[Assembly](#)

module (optional)

[Module](#)

isNested (optional)

[Boolean](#)

declaringType (optional)

[Type](#)

declaringMethod (optional)

[MethodBase](#)

reflectedType (optional)

[Type](#)

underlyingSystemType (optional)

[Type](#)

isTypeDefinition (optional)

[Boolean](#)

isArray (optional)  
[Boolean](#)

isByRef (optional)  
[Boolean](#)

isPointer (optional)  
[Boolean](#)

isConstructedGenericType (optional)  
[Boolean](#)

isGenericParameter (optional)  
[Boolean](#)

isGenericTypeParameter (optional)  
[Boolean](#)

isGenericMethodParameter (optional)  
[Boolean](#)

isGenericType (optional)  
[Boolean](#)

isGenericTypeDefinition (optional)  
[Boolean](#)

isSZArray (optional)  
[Boolean](#)

isVariableBoundArray (optional)  
[Boolean](#)

isByRefLike (optional)  
[Boolean](#)

hasElementType (optional)  
[Boolean](#)

genericTypeArguments (optional)  
[array\[Type\]](#)

genericParameterPosition (optional)  
[Integer](#) format: int32

genericParameterAttributes (optional)  
[GenericParameterAttributes](#)

attributes (optional)  
[TypeAttributes](#)

isAbstract (optional)  
[Boolean](#)

isImport (optional)  
[Boolean](#)

isSealed (optional)  
[Boolean](#)

isSpecialName (optional)  
[Boolean](#)

isClass (optional)  
[Boolean](#)

isNestedAssembly (optional)  
[Boolean](#)

isNestedFamANDAssem (optional)

[Boolean](#)

isNestedFamily (optional)

[Boolean](#)

isNestedFamORAssem (optional)

[Boolean](#)

isNestedPrivate (optional)

[Boolean](#)

isNestedPublic (optional)

[Boolean](#)

isNotPublic (optional)

[Boolean](#)

isPublic (optional)

[Boolean](#)

isAutoLayout (optional)

[Boolean](#)

isExplicitLayout (optional)

[Boolean](#)

isLayoutSequential (optional)

[Boolean](#)

isAnsiClass (optional)

[Boolean](#)

isAutoClass (optional)

[Boolean](#)

isUnicodeClass (optional)

[Boolean](#)

isCOMObject (optional)

[Boolean](#)

isContextful (optional)

[Boolean](#)

isEnum (optional)

[Boolean](#)

isMarshalByRef (optional)

[Boolean](#)

isPrimitive (optional)

[Boolean](#)

isValueType (optional)

[Boolean](#)

isSignatureType (optional)

[Boolean](#)

isSecurityCritical (optional)

[Boolean](#)

isSecuritySafeCritical (optional)

[Boolean](#)

isSecurityTransparent (optional)

[Boolean](#)

structLayoutAttribute (optional)

[StructLayoutAttribute](#)

[typeInitializer](#) (optional)  
[ConstructorInfo](#)  
[typeHandle](#) (optional)  
[RuntimeTypeHandle](#)  
[guid](#) (optional)  
[UUID](#) format: uuid  
[baseType](#) (optional)  
[Type](#)  
[isSerializable](#) (optional)  
[Boolean](#)  
[containsGenericParameters](#) (optional)  
[Boolean](#)  
[isVisible](#) (optional)  
[Boolean](#)  
[genericTypeParameters](#) (optional)  
[array\[Type\]](#)  
[declaredConstructors](#) (optional)  
[array\[ConstructorInfo\]](#)  
[declaredEvents](#) (optional)  
[array\[EventInfo\]](#)  
[declaredFields](#) (optional)  
[array\[FieldInfo\]](#)  
[declaredMembers](#) (optional)  
[array\[MemberInfo\]](#)  
[declaredMethods](#) (optional)  
[array\[MethodInfo\]](#)  
[declaredNestedTypes](#) (optional)  
[array\[TypeInfo\]](#)  
[declaredProperties](#) (optional)  
[array\[PropertyInfo\]](#)  
[implementedInterfaces](#) (optional)  
[array\[Type\]](#)

## `UserConfiguration` [Up](#)

[applicationTheme](#) (optional)  
[String](#)  
[applicationSettings](#) (optional)  
[ApplicationSettings](#)  
[consoleOptions](#) (optional)  
[String](#)

## `UserIdType` [Up](#)

0 = Undefined, 1 = Security Identifier, 2 = Email, 3 = Cygna Auditor (Internal)

## UserProfile [Up](#)

user (optional)

[String](#)

password (optional)

[String](#)

displayName (optional)

[String](#)

userDomain (optional)

[String](#)

userAccount (optional)

[String](#)

userSid (optional)

[String](#)

userGuid (optional)

[UUID](#) format: uuid

userCid (optional)

[UUID](#) format: uuid

token (optional)

[String](#)

config (optional)

[UserConfiguration](#)

handle (optional)

[Long](#) format: int64

groupSids (optional)

[array\[String\]](#)

## UserProvenance [Up](#)

0 = Undefined, 1 = Active Directory Live, 2 = Active Directory Table, 3 = Office365 Table, 4 = V Mware Table, 5 = File System Table, 6 = Legacy PBMS Table, 7 = Azure Table

## VMWareServer [Up](#)

id (optional)

[Integer](#) format: int32

vCenterName (optional)

[String](#)

credentials (optional)

[AccountCredentials](#)

collectionInterval (optional)

[Integer](#) format: int32

backupCollectionInterval (optional)

[Integer](#) format: int32

status (optional)

[Integer](#) format: int32

message (optional)

[String](#)

lastActiveTime (optional)

[Date](#) format: date-time

isSsoToBeDisabled (optional)

[Boolean](#)

isCertToBeIgnored (optional)

[Boolean](#)

lastCollectionTime (optional)

[Date](#) format: date-time