# **Beyond Trust**

# Privilege Management Cloud 21.8 API Guide

# **Table of Contents**

Privilege Management Cloud API11
Authenticate to the PM Cloud API
Privilege Management Cloud Management API12
Methods12
Table of Contents
Computers12
File
Groups
Policies
Computers
Path parameters
Consumes
Request body13
Produces
Responses14
200
202
400
401
404
409
423
Path parameters14
Produces
Responses15
404
409
Path parameters15
Consumes
Request body15
Produces

Responses15
200
202
400
401
404
409
423
Path parameters
Consumes
Request body
Produces
Responses
200
202
404
409
423
Path parameters
Query parameters
Return type
Example data
Produces
Responses
200
400
401
Path parameters
Produces
Responses
200
404
Path parameters

Return type
Example data21
Produces
Responses
200
400
401
Path parameters
Return type
Example data23
Produces
Responses
200
400
401
Path parameters
Consumes
Request body
Produces
Responses
200
202
404
409
423
Path parameters
Consumes
Request body
Produces
Responses
202
400
404

409
Path parameters
Consumes
Request body
Return type
Example data
Produces
Responses
202
400
401
404
409
423
Path parameters
Consumes
Request body
Return type
Example data
Produces
Responses
202
400
401
404
409
423
File
Path parameters
Return type
Example data
Produces
Responses

200	
401	
404	
Groups	29
Path parameters	
Consumes	
Request body	
Return type	
Example data	
Produces	
Responses	
202	30
404	30
409	
423	
Path parameters	
Query parameters	
Return type	
Example data	
Produces	
Responses	
200	33
400	33
401	33
500	33
Path parameters	
Consumes	
Request body	34
Return type	34
Example data	
Produces	
Responses	34
202	

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404
409
423
Path parameters
Consumes
Request body
Return type
Example data
Produces
Responses
202
404
423
Path parameters
Return type
Example data
Produces
Responses
202
404
423
Path parameters
Produces
Responses
200
401
404
Path parameters
Return type
Example data
Produces
Responses
202

	404	. 38
	423	. 38
	Path parameters	. 38
	Consumes	38
	Request body	38
	Return type	38
	Example data	39
	Produces	. 39
	Responses	39
	202	. 39
	409	. 39
	Path parameters	. 39
	Consumes	39
	Request body	39
	Return type	40
	Example data	40
	Produces	.40
	Responses	40
	202	. 40
	404	. 40
	423	. 40
Ρ	olicies	40
	Path parameters	.40
	Query parameters	.40
	Return type	41
	Example data	41
	Produces	.42
	Responses	43
	200	. 43
	400	. 43
	401	. 43
	500	. 43
	Path parameters	43

	Produces	.43
	Responses	.43
	200	43
	401	43
	404	43
Mod	els	.44
	Table of Contents	.44
	AgentHostType	. 45
	AssignComputersToGroupRequest	.45
	AssignPolicyRevisionToGroupRequest	. 45
	CertificateInformationModel	.45
	ComputerDetailModel	. 46
	ComputerFilterModel	. 47
	ComputerListItemModel	47
	ComputerListItemModelPagedResponse	.48
	ComputerLogModel	.49
	ComputerRenewCertificateRequest	49
	ComputerRetrieveLogsRequest	.49
	ComputerRetrieveStatusInfoRequest	.49
	ComputersAuthoriseRequest	.50
	ComputersDeactivateRequest	50
	ComputersRejectRequest	. 50
	ComputersRemoveRequest	50
	CountRange	. 51
	CreateGroupRequest	.51
	DateFilterModel	.51
	DateSelectionMode	.51
	EndpointInformationModel	. 52
	GroupListItemModel	. 53
	GroupListItemModelPagedResponse	.54
	ListItemErrorInfoModel	.54
	ModifyGroupRequest	.54
	OS	. 54

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Operator	
PolicyListItemModel	55
PolicyListItemModelPagedResponse	
PolicyRevisionState	56
ProblemDetails	57
RemoveGroupRequest	57
SortDirection	
SortModel	

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# **Privilege Management Cloud API**

## Authenticate to the PM Cloud API

API requests are executed by sending an HTTP request to PM Cloud. Send the request using any HTTPS-capable socket library or scripting language module, URL fetcher such as cURL, or an OAuth library specific to your platform. BeyondTrust's web APIs use OAuth as the authentication method.

To authenticate to the API, you must create an API account on the **Configuration > Settings > API Settings** page. The account must have permission to access the necessary APIs. API requests require a token to be first created and then submitted with each API request.

For more information about creating an API account, please see <u>Configure Access to the Management API</u> in the Privilege Management Cloud Administration Guide.

### Create a Token

Create a token by POSTing to the URL of your BeyondTrust site followed by /oauth/connect/token:

https://example-services.pm.beyondtrustcloud.com/oauth/connect/token

Replace "example" with your production sub-domain name, as shown:

https://[yourProductionSub-domainName]-services.pm.beyondtrustcloud.com/oauth/connect/token

The OAuth client ID and client secret associated with the API account should be included in the POST body:

grant type=client credentials&client id=[yourClientId]&client secret=[yourGeneratedClientSecret]

If the request is processed without error, you will get an access token JSON response:

```
"access_token":"<token>",
"token_type":"Bearer",
"expires_in":3600,
"scope":"urn:management:api"
```

**Note:** The client secret cannot be modified, but it can be regenerated on the **Configuration > Settings > API Settings** page. Regenerating a client secret and then saving the account immediately invalidates any OAuth tokens associated with the account. Any API calls using those tokens will be unable to access the API. A new token must be generated using the new client secret.

### **Request an API Resource**

Now that you have an access token, you can make GET/POST requests via HTTPS to the web API:

https://example-services.pm.beyondtrustcloud.com/management-api/v1/Groups

The obtained token is used for HTTP authentication and must be included in an HTTP authorization header with each request:

Authorization: Bearer <token>

If the token is valid, you gain access to the requested URL.

### **Authentication Errors**

Requests made to the web API with expired or invalid tokens result in a "HTTP 401 Unauthorized" response.

### Privilege Management Cloud Management API

### **Methods**

[Jump to Models]

#### **Table of Contents**

#### **Computers**

- post /v{version}/Computers/Authorise
- get /v{version}/Computers/Computerlog/{id}/Content
- post /v{version}/Computers/Deactivate
- delete /v{version}/Computers
- get /v{version}/Computers
- get /v{version}/Computers/{id}/CommandLog
- get /v{version}/Computers/{id}
- get /v{version}/Computers/{id}/Logs
- post /v{version}/Computers/Reject
- post /v{version}/Computers/RenewCertificate
- post /v{version}/Computers/RetrieveLogs
- post /v{version}/Computers/RetrieveStatusInfo

#### <u>File</u>

• get /v{version}/File/download/GetYamlApiDefinitionFile

#### Groups

- delete /v{version}/Groups
- get /v{version}/Groups
- put /v{version}/Groups/{groupId}/assigncomputers
- put /v{version}/Groups/{id}/assignpolicyrevision
- put /v{version}/Groups/{id}/clearpolicy
- get /v{version}/Groups/{id}
- put /v{version}/Groups/{id}/markasdefault
- post /v{version}/Groups
- put /v{version}/Groups

#### **Policies**

- get /v{version}/Policies
- get /v{version}/Policies/{id}

#### Computers



post /v{version}/Computers/Authorise

Authorises Computers (vversionComputersAuthorisePost)

#### **Path parameters**

version (required) Path Parameter —

#### Consumes

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

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

#### **Request body**

body <u>ComputersAuthoriseRequest</u> (optional) Body Parameter —

#### 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

#### 202

Success UUID

#### 400

Bad Request ProblemDetails

#### 401

Unauthorized ProblemDetails

#### 404

Not Found ProblemDetails

#### 409

Conflict ProblemDetails

#### 423

Client Error ProblemDetails



get /v{version}/Computers/Computerlog/{id}/Content

Downloads Computer Log (vversionComputersComputerlogIdContentGet)

#### **Path parameters**

id (required) **Path Parameter** — format: uuid version (required) **Path Parameter** —

#### 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

404 Not Found ProblemDetails

#### 409

Conflict ProblemDetails



post /v{version}/Computers/Deactivate

Deactivates Computers (vversionComputersDeactivatePost)

#### **Path parameters**

version (required) Path Parameter —

#### Consumes

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

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

#### **Request body**

body <u>ComputersDeactivateRequest</u> (optional) Body Parameter —

#### **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

#### 202

Success UUID

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#### 400

Bad Request ProblemDetails

#### 401

Unauthorized **ProblemDetails** 

#### 404

Not Found ProblemDetails

#### 409

Conflict ProblemDetails

#### 423

Client Error ProblemDetails



delete /v{version}/Computers

Deletes Computers (vversionComputersDelete)

#### **Path parameters**

version (required) **Path Parameter** —

#### Consumes

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

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

#### **Request body**

body <u>ComputersRemoveRequest</u> (optional) Body Parameter — Request containing data to filter Computers to be removed

#### 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 202 Success UUID 404 Not Found ProblemDetails 409 **Conflict ProblemDetails** 423 **Client Error ProblemDetails** ~ get /v{version}/Computers Retrieves the list of Computers with pagination (sorting and filtering) (vversionComputersGet) Path parameters version (required) Path Parameter — **Query parameters** Sorts (optional) Query Parameter — Pagination.PageSize (optional) Query Parameter — The number of records per page, for example 1 format: int32 Pagination.PageNumber (optional) Query Parameter — The page number to retrieve from results, for example 1 format: int32 Filter.ComputerId (optional) Query Parameter — The Id of the Computer(Guid format), for example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid Filter.Host (optional) Query Parameter — The host name of the Computer, for example - Computer1 Filter.HostType (optional)

Query Parameter — The host type of the Computer, for example - MicrosoftWindows, Linux

Filter.AgentVersion (optional)

**Query Parameter** — The agent version of the Computer, example - 5.6.126.0 Filter.AdapterVersion (optional)

**Query Parameter** — The adapter version of the Computer, example - 20.5.195.0 Filter.AuthorisationState (optional)

**Query Parameter** — The state of the Computer, example - Authorised, Pending Filter.LastConnected.Dates (optional)

Query Parameter — Valid date formats for filter - 2020-12-24, 2020-12-24 19:09:47, 2020-12-24 19:09:47.6816562, 2020-12-24 19:09:47.6816562 +00:00 format: date-time Filter.LastConnected.SelectionMode (optional) Query Parameter — The selection mode of date criteria e.g single, multiple, range Filter.PolicyRevisionStatus (optional) Query Parameter — Policy Revision Status, example - AwaitingLatestPolicy Filter.PolicyId (optional) Query Parameter — Policy Id, example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid Filter.PolicyName (optional) Query Parameter - Policy Name, example - Policy1 Filter.GroupId (optional) Query Parameter — Group Id, example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid Filter.GroupName (optional) Query Parameter — Group Name, example - Group1 Filter.OS (optional) Query Parameter - OS Name, example - Windows Filter.Domain (optional) Query Parameter — Domain Name, example - BeyondTrust Filter.Created.Dates (optional) Query Parameter — Valid date formats for filter - 2020-12-24, 2020-12-24 19:09:47, 2020-12-24 19:09:47, 6816562, 2020-12-24 19:09:47.6816562 +00:00 format: date-time Filter.Created.SelectionMode (optional) Query Parameter — The selection mode of date criteria e.g single, multiple, range Filter.DuplicateCount.Min (optional) Query Parameter — Min Value of CountRange, example - 1,2,3 format: int32 Filter.DuplicateCount.Max (optional) Query Parameter — Max Value of CountRange, example - 1,2,3 format: int32

#### **Return type**

ComputerListItemModelPagedResponse

#### **Example data**

Content-Type: application/json

```
"pageCount" : 5,
"pageNumber" : 0,
"data" : [ {
  "rejected" : true,
  "deactivatedOn" : "2000-01-23T04:56:07.000+00:00",
  "groupId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "errorInfo" : {
    "userAccountName" : "userAccountName",
    "parentTaskName" : "parentTaskName",
    "initiated" : "2000-01-23T04:56:07.000+00:00",
    "errorCode" : 2,
    "userId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
  },
  "error" : true,
  "deactivated" : true,
  "authorisationState" : "authorisationState",
```

```
"lastConnected" : "2000-01-23T04:56:07.000+00:00",
  "hostType" : "Undefined",
  "host" : "host",
  "adapterVersion" : "adapterVersion",
 "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
 "locked" : true,
  "os" : "os",
 "policyName" : "policyName",
  "created" : "2000-01-23T04:56:07.000+00:00",
 "pendingDeactivation" : true,
  "duplicate" : true,
  "policyRevisionId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "groupName" : "groupName",
  "policyId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "duplicateCount" : 5,
  "domain" : "domain",
  "agentVersion" : "agentVersion",
  "policyRevisionStatus" : "policyRevisionStatus"
}, {
  "rejected" : true,
  "deactivatedOn" : "2000-01-23T04:56:07.000+00:00",
  "groupId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "errorInfo" : {
   "userAccountName" : "userAccountName",
    "parentTaskName" : "parentTaskName",
    "initiated" : "2000-01-23T04:56:07.000+00:00",
    "errorCode" : 2,
    "userId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
  },
  "error" : true,
  "deactivated" : true,
  "authorisationState" : "authorisationState",
  "lastConnected" : "2000-01-23T04:56:07.000+00:00",
 "hostType" : "Undefined",
  "host" : "host",
  "adapterVersion" : "adapterVersion",
 "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "locked" : true,
 "os" : "os",
 "policyName" : "policyName",
  "created" : "2000-01-23T04:56:07.000+00:00",
  "pendingDeactivation" : true,
 "duplicate" : true,
  "policyRevisionId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "groupName" : "groupName",
  "policyId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
 "duplicateCount" : 5,
 "domain" : "domain",
  "agentVersion" : "agentVersion",
  "policyRevisionStatus" : "policyRevisionStatus"
}],
"pageSize" : 6,
"totalRecordCount" : 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 ComputerListItemModelPagedResponse

#### 400

Bad Request ProblemDetails

#### 401

Unauthorized **ProblemDetails** 



get /v{version}/Computers/{id}/CommandLog

Gets Computer Command Logs List (vversionComputersIdCommandLogGet)

#### Path parameters

id (required) **Path Parameter** — format: uuid version (required) **Path Parameter** —

#### **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

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#### Not Found ProblemDetails

$\mathbf{i}$
~

get /v{version}/Computers/{id}

Retrieves a detail of the Computer (vversionComputersIdGet)

#### Path parameters

id (required) Path Parameter ---- format: uuid version (required) Path Parameter —

#### **Return type**

**ComputerDetailModel** 

#### **Example data**

Content-Type: application/json

```
"deactivatedOn" : "2000-01-23T04:56:07.000+00:00",
"groupId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
"hostPolicyName" : "hostPolicyName",
"policyRevision" : 0,
"autoDeactivated" : true,
"agentLogs" : [ {
  "created" : "2000-01-23T04:56:07.000+00:00",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "returned" : "2000-01-23T04:56:07.000+00:00"
}, {
  "created" : "2000-01-23T04:56:07.000+00:00",
  "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "returned" : "2000-01-23T04:56:07.000+00:00"
}],
"deactivated" : true,
"authorisationState" : "authorisationState",
"certificateInformation" : {
  "lastIssued" : "2000-01-23T04:56:07.000+00:00",
  "validFrom" : "2000-01-23T04:56:07.000+00:00",
  "validTo" : "2000-01-23T04:56:07.000+00:00"
},
"lastConnected" : "2000-01-23T04:56:07.000+00:00",
"hostType" : "hostType",
"authorised" : "2000-01-23T04:56:07.000+00:00",
"adapterVersion" : "adapterVersion",
```

```
"hostLastUpdated" : "2000-01-23T04:56:07.000+00:00",
 "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
 "policyName" : "policyName",
 "created" : "2000-01-23T04:56:07.000+00:00",
 "pendingDeactivation" : true,
  "endpointInformation" : {
    "systemModel" : "systemModel",
    "systemPrimaryOwnerName" : "systemPrimaryOwnerName",
    "osArchitecture" : "osArchitecture",
    "systemSystemType" : "systemSystemType",
    "systemDomain" : "systemDomain",
    "processorManufacturer" : "processorManufacturer",
    "osVersion" : "osVersion",
    "systemName" : "systemName",
    "osVersionString" : "osVersionString",
    "osCaption" : "osCaption",
    "systemManufacturer" : "systemManufacturer",
    "processorName" : "processorName",
    "osCodeSet" : "osCodeSet",
    "osSystemDrive" : "osSystemDrive",
    "osOrganization" : "osOrganization",
    "processorDescription" : "processorDescription",
    "osCountryCode" : "osCountryCode",
    "osInstallDate" : "2000-01-23T04:56:07.000+00:00",
    "osSystemDirectory" : "osSystemDirectory",
    "osComputerDescription" : "osComputerDescription",
    "osSerialNumber" : "osSerialNumber",
    "macAddress" : "macAddress",
   "processorCaption" : "processorCaption",
   "systemDnsHostName" : "systemDnsHostName",
    "osManufacturer" : "osManufacturer",
    "systemWorkgroup" : "systemWorkgroup"
  },
  "connected" : true,
  "groupName" : "groupName",
  "policyId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
 "duplicateCount" : 1,
"agentVersion" : "agentVersion",
 "hostPolicyId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
 "policyRevisionStatus" : "policyRevisionStatus",
 "hostPolicyRevision" : 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

# BeyondTrust

23

#### Responses

200

Success ComputerDetailModel

#### 400

Bad Request ProblemDetails

#### 401

Unauthorized **ProblemDetails** 



get /v{version}/Computers/{id}/Logs

Gets Computer Logs (vversionComputersIdLogsGet)

#### Path parameters

id (required) **Path Parameter** — format: uuid version (required) **Path Parameter** —

#### **Return type**

array[ComputerLogModel]

#### **Example data**

Content-Type: application/json

```
[ {
   "created" : "2000-01-23T04:56:07.000+00:00",
   "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
   "returned" : "2000-01-23T04:56:07.000+00:00"
}, {
   "created" : "2000-01-23T04:56:07.000+00:00",
   "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
   "returned" : "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

#### 400

Bad Request ProblemDetails

#### 401

Unauthorized **ProblemDetails** 



post /v{version}/Computers/Reject

Rejects Computers (vversionComputersRejectPost)

#### **Path parameters**

version (required) **Path Parameter** —

#### Consumes

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

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

#### **Request body**

body <u>ComputersRejectRequest</u> (optional) Body Parameter — Request containing data to filter Computers to be rejected

#### **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

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#### 202

Success UUID

#### 404

Not Found ProblemDetails

#### 409

Conflict ProblemDetails

#### 423

Client Error ProblemDetails



post /v{version}/Computers/RenewCertificate

Request to Renew Computer Certificate (vversionComputersRenewCertificatePost)

#### **Path parameters**

version (required) Path Parameter —

#### Consumes

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

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

#### **Request body**

body ComputerRenewCertificateRequest (optional) Body Parameter —

#### **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

202

Success

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#### 400

Bad Request ProblemDetails

404 Not Found ProblemDetails

409 Conflict ProblemDetails



post /v{version}/Computers/RetrieveLogs

Retrieves Computer Logs (vversionComputersRetrieveLogsPost)

#### **Path parameters**

version (required) Path Parameter —

#### Consumes

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

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

**Request body** 

body <u>ComputerRetrieveLogsRequest</u> (optional) Body Parameter —

**Return type** 

UUID

#### Example data

Content-Type: application/json

"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

#### 202

Success UUID

#### 400

Bad Request ProblemDetails

#### 401

Unauthorized ProblemDetails

#### 404

Not Found ProblemDetails

#### 409

Conflict ProblemDetails

#### 423

Client Error ProblemDetails



post /v{version}/Computers/RetrieveStatusInfo

Retrieves Computer Status Info (vversionComputersRetrieveStatusInfoPost)

#### **Path parameters**

version (required) Path Parameter —

#### Consumes

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

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

#### **Request body**

body <u>ComputerRetrieveStatusInfoRequest</u> (optional) Body Parameter —

#### **Return type**

UUID

#### **Example data**

Content-Type: application/json

"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

#### 202

Success UUID

#### 400

Bad Request ProblemDetails

#### 401

Unauthorized **ProblemDetails** 

#### 404

Not Found ProblemDetails

#### 409

Conflict ProblemDetails

#### 423

Client Error ProblemDetails

#### File

# BeyondTrust

29

#### get /v{version}/File/download/GetYamlApiDefinitionFile

Get the API definition file in YAML format (vversionFileDownloadGetYamlApiDefinitionFileGet)

#### Path parameters

version (required) Path Parameter —

#### Return type

String

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#### 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

401

Unauthorized ProblemDetails

#### 404

Not Found ProblemDetails

#### Groups

# BeyondTrust

30



#### delete /v{version}/Groups

Deletes group (vversionGroupsDelete)

#### **Path parameters**

version (required) **Path Parameter** —

#### Consumes

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

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

#### **Request body**

body <u>RemoveGroupRequest</u> (optional) Body Parameter —

#### **Return type**

UUID

#### **Example data**

Content-Type: application/json

"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

#### 202

Success UUID

#### 404

Not Found ProblemDetails

#### 409

Conflict ProblemDetails

423

Client Error ProblemDetails



get /v{version}/Groups

Retrieves the list of Groups with pagination (sorting and filtering) (vversionGroupsGet)

#### Path parameters

version (required) Path Parameter —

#### **Query parameters**

Sorts (optional) Query Parameter — Pagination.PageSize (optional) Query Parameter — The number of records per page, for example 1 format: int32 Pagination.PageNumber (optional) Query Parameter — The page number to retrieve from results, for example 1 format: int32 Filter.Id (optional) Query Parameter — The Id of the group(Guid format), for example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid Filter.Name (optional) Query Parameter — The name of the group Filter.Description (optional) Query Parameter — The description of the group Filter.PolicyName (optional) Query Parameter — The policy name of the group Filter.PolicyRevisionStatus (optional) Query Parameter — The policy revision status of the group Filter.ComputerCount (optional) Query Parameter — Number of computers in a group format: int32 Filter.ActiveComputers.Value (optional) Query Parameter — Integer value for the filter, e.g. 100 format: int32 Filter.ActiveComputers.Operator (optional) Query Parameter -Filter.Created.Dates (optional) Query Parameter — Valid date formats for filter - 2020-12-24, 2020-12-24 19:09:47, 2020-12-24 19:09:47.6816562, 2020-12-24 19:09:47.6816562 +00:00 format: date-time Filter.Created.SelectionMode (optional) Query Parameter — The selection mode of date criteria e.g single, multiple, range

#### Return type

GroupListItemModelPagedResponse



#### Example data

Content-Type: application/json

```
{
  "pageCount" : 5,
 "pageNumber" : 0,
  "data" : [ {
   "policyName" : "policyName",
    "created" : "2000-01-23T04:56:07.000+00:00",
    "description" : "description",
    "errorInfo" : {
      "userAccountName" : "userAccountName",
      "parentTaskName" : "parentTaskName",
     "initiated" : "2000-01-23T04:56:07.000+00:00",
      "errorCode" : 2,
      "userId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
    },
   "error" : true,
    "policyRevisionId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
   "revision" : 7,
   "computerCount" : 5,
    "activeComputers" : 2,
   "default" : true,
    "policyId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "name" : "name",
   "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
   "locked" : true,
    "policyRevisionStatus" : "OnLatestPolicy"
  }, {
   "policyName" : "policyName",
   "created" : "2000-01-23T04:56:07.000+00:00",
    "description" : "description",
    "errorInfo" : {
      "userAccountName" : "userAccountName",
     "parentTaskName" : "parentTaskName",
     "initiated" : "2000-01-23T04:56:07.000+00:00",
     "errorCode" : 2,
     "userId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
    },
   "error" : true,
   "policyRevisionId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
   "revision" : 7,
   "computerCount" : 5,
   "activeComputers" : 2,
   "default" : true,
   "policyId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
   "name" : "name",
   "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
   "locked" : true,
    "policyRevisionStatus" : "OnLatestPolicy"
  }],
  "pageSize" : 6,
```

"totalRecordCount" : 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 GroupListItemModelPagedResponse

#### 400

Bad Request ProblemDetails

#### 401

Unauthorized ProblemDetails

#### 500

Server Error



put /v{version}/Groups/{groupId}/assigncomputers

assigns computers to the group (vversionGroupsGroupIdAssigncomputersPut)

#### **Path parameters**

groupld (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
- text/json
- application/\*+json

#### **Request body**

body <u>AssignComputersToGroupRequest</u> (optional) Body Parameter —

#### **Return type**

UUID

#### Example data

Content-Type: application/json

"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

202

Success UUID

#### 404

Not Found ProblemDetails

409

Conflict ProblemDetails

#### 423

~

Client Error ProblemDetails

put /v{version}/Groups/{id}/assignpolicyrevision

Assigns policy revision to the group (vversionGroupsIdAssignpolicyrevisionPut)

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

#### **Request body**

body <u>AssignPolicyRevisionToGroupRequest</u> (optional) Body Parameter —

#### **Return type**

UUID

#### Example data

Content-Type: application/json

```
"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

#### 202

Success UUID

#### 404

Not Found ProblemDetails

#### 423

Client Error ProblemDetails

# BeyondTrust

36



put /v{version}/Groups/{id}/clearpolicy

Clears policy from group (vversionGroupsIdClearpolicyPut)

#### **Path parameters**

id (required) **Path Parameter** — format: uuid version (required) **Path Parameter** —

**Return type** 

UUID

#### **Example data**

#### Content-Type: application/json

"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

202

Success UUID

404

Not Found ProblemDetails

423 Client Error ProblemDetails



get /v{version}/Groups/{id}

Retrieves a detail of the group (vversionGroupsIdGet)

#### **Path parameters**

id (required) **Path Parameter** — format: uuid version (required) **Path Parameter** —

#### 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

#### 401

Unauthorized **ProblemDetails** 

#### 404

Not Found ProblemDetails



put /v{version}/Groups/{id}/markasdefault

Marks group as default (vversionGroupsIdMarkasdefaultPut)

#### **Path parameters**

id (required) **Path Parameter** — format: uuid version (required) **Path Parameter** —

#### **Return type**

UUID

#### Example data

Content-Type: application/json

"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

#### 202

Success UUID

#### 404

Not Found ProblemDetails

#### 423

Client Error ProblemDetails



post /v{version}/Groups

Creates Group (vversionGroupsPost)

#### **Path parameters**

version (required) Path Parameter —

#### Consumes

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

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

#### **Request body**

body <u>CreateGroupRequest</u> (optional) Body Parameter —

#### **Return type**

UUID

#### Example data

Content-Type: application/json

"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

#### 202

Success UUID

#### 409

Conflict ProblemDetails



put /v{version}/Groups

Modifies Group (vversionGroupsPut)

#### **Path parameters**

version (required) Path Parameter —

#### Consumes

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

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

#### **Request body**

body <u>ModifyGroupRequest</u> (optional) Body Parameter —

#### Return type

UUID

#### **Example data**

Content-Type: application/json

"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

202

Success UUID

404

Not Found ProblemDetails

**423** Client Error ProblemDetails

### Policies



get /v{version}/Policies

Retrieve list of Policies with pagination (sorting and filtering) (vversionPoliciesGet)

Path parameters

version (required) Path Parameter —

**Query parameters** 

Sorts (optional)

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Query Parameter — Pagination.PageSize (optional) Query Parameter — The number of records per page, for example 1 format: int32 Pagination.PageNumber (optional) Query Parameter — The page number to retrieve from results, for example 1 format: int32 Filter.Name (optional) Query Parameter — The Name of the Policy, e.g. - Policy1 Filter.Size (optional) Query Parameter — The Size of the Policy in Kb, e.g. 225 format: int32 Filter.Revision (optional) Query Parameter — The number of revisions for the Policy, e.g. 5 format: int32 Filter.TotalAssignedRevisions (optional) Query Parameter — The total number of Groups with the Policy assigned (any Revision), e.g. 10 format: int32 Filter.Created.Dates (optional) Query Parameter — Valid date formats for filter - 2020-12-24, 2020-12-24 19:09:47, 2020-12-24 19:09:47.6816562, 2020-12-24 19:09:47.6816562 +00:00 format: date-time Filter.Created.SelectionMode (optional) Query Parameter — The selection mode of date criteria e.g single, multiple, range Filter.DraftUser (optional) Query Parameter — The 'Locked By' user, i.e. the user that created the last draft which has locked the Policy, e.g. jbloggs@email.com

#### **Return type**

#### PolicyListItemModelPagedResponse

#### **Example data**

Content-Type: application/json

```
"pageCount" : 5,
"pageNumber" : 0,
"data" : [ {
  "latestAssignedRevisions" : 3,
  "created" : "2000-01-23T04:56:07.000+00:00",
  "errorInfo" : {
    "userAccountName" : "userAccountName",
    "parentTaskName" : "parentTaskName",
    "initiated" : "2000-01-23T04:56:07.000+00:00",
    "errorCode" : 2,
    "userId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
  },
  "description" : "description",
  "error" : true,
  "hasOpenDraft" : true,
  "periodLocked" : "periodLocked",
  "revision" : 2,
  "totalAssignedRevisions" : 9,
  "totalRevisions" : 7,
  "openDraftId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "checkedOutDate" : "2000-01-23T04:56:07.000+00:00",
  "isAssignedToGroup" : true,
```

```
"size" : 5,
   "draftUserId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "name" : "name",
    "lastModifiedUserId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "lastModifiedUser" : "lastModifiedUser",
   "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "lastModified" : "2000-01-23T04:56:07.000+00:00",
    "draftUser" : "draftUser",
   "locked" : true,
    "lastPolicyToGroupAssignment" : "2000-01-23T04:56:07.000+00:00"
  }, {
    "latestAssignedRevisions" : 3,
   "created" : "2000-01-23T04:56:07.000+00:00",
    "errorInfo" : {
      "userAccountName" : "userAccountName",
      "parentTaskName" : "parentTaskName",
      "initiated" : "2000-01-23T04:56:07.000+00:00",
      "errorCode" : 2,
      "userId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91"
   },
    "description" : "description",
    "error" : true,
    "hasOpenDraft" : true,
    "periodLocked" : "periodLocked",
    "revision" : 2,
    "totalAssignedRevisions" : 9,
    "totalRevisions" : 7,
   "openDraftId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "checkedOutDate" : "2000-01-23T04:56:07.000+00:00",
    "isAssignedToGroup" : true,
   "size" : 5,
    "draftUserId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
    "name" : "name",
    "lastModifiedUserId" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
   "lastModifiedUser" : "lastModifiedUser",
   "id" : "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
   "lastModified" : "2000-01-23T04:56:07.000+00:00",
    "draftUser" : "draftUser",
    "locked" : true,
   "lastPolicyToGroupAssignment" : "2000-01-23T04:56:07.000+00:00"
  }],
 "pageSize" : 6,
  "totalRecordCount" : 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

43

#### Responses

#### 200

Success PolicyListItemModelPagedResponse

#### 400

Bad Request ProblemDetails

#### 401

Unauthorized **ProblemDetails** 

#### 500

Server Error



get /v{version}/Policies/{id}

Retrieves a detail of the policy (vversionPoliciesIdGet)

#### Path parameters

id (required) **Path Parameter** — format: uuid version (required) **Path Parameter** —

#### **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

#### 401

Unauthorized ProblemDetails

#### 404

Not Found ProblemDetails

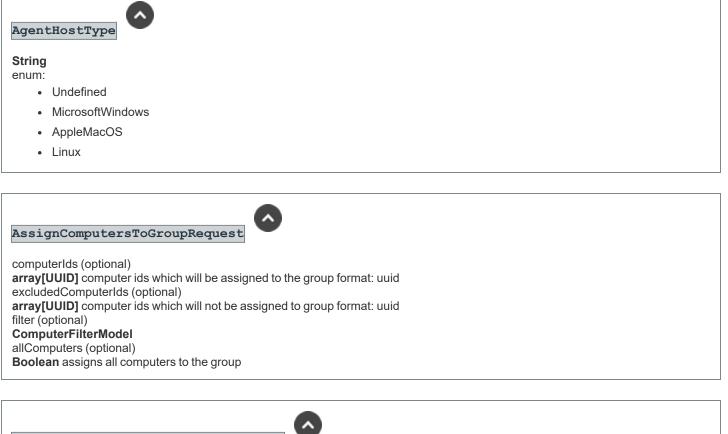


### Models

[ Jump to Methods ]

#### **Table of Contents**

- 1. AgentHostType
- 2. AssignComputersToGroupRequest
- 3. AssignPolicyRevisionToGroupRequest
- 4. CertificateInformationModel
- 5. ComputerDetailModel
- 6. ComputerFilterModel
- 7. ComputerListItemModel
- 8. ComputerListItemModelPagedResponse
- 9. ComputerLogModel
- 10. ComputerRenewCertificateRequest
- 11. ComputerRetrieveLogsRequest
- 12. ComputerRetrieveStatusInfoRequest
- 13. ComputersAuthoriseRequest
- 14. ComputersDeactivateRequest
- 15. ComputersRejectRequest
- 16. ComputersRemoveRequest
- 17. CountRange
- 18. CreateGroupRequest
- 19. DateFilterModel
- 20. DateSelectionMode
- 21. EndpointInformationModel
- 22. GroupListItemModel
- 23. GroupListItemModelPagedResponse
- 24. ListItemErrorInfoModel
- 25. ModifyGroupRequest
- 26. <mark>OS</mark>
- 27. Operator
- 28. PolicyListItemModel
- 29. PolicyListItemModelPagedResponse
- 30. PolicyRevisionState
- 31. ProblemDetails
- 32. RemoveGroupRequest
- 33. SortDirection
- 34. SortModel



AssignPolicyRevisionToGroupRequest

policyRevisionId (optional) **UUID** format: uuid



validFrom (optional) **Date** format: date-time validTo (optional) **Date** format: date-time lastIssued (optional) **Date** format: date-time

46

ComputerDetailModel

id (optional) UUID format: uuid hostType (optional) String created (optional) Date format: date-time adapterVersion (optional) String agentVersion (optional) String authorisationState (optional) String authorised (optional) Date format: date-time connected (optional) Boolean lastConnected (optional) Date format: date-time deactivated (optional) Boolean autoDeactivated (optional) Boolean pendingDeactivation (optional) Boolean deactivatedOn (optional) Date format: date-time groupId (optional) **UUID** format: uuid groupName (optional) String policyId (optional) **UUID** format: uuid policyName (optional) String policyRevision (optional) Integer format: int32 policyRevisionStatus (optional) String endpointInformation (optional) EndpointInformationModel certificateInformation (optional) CertificateInformationModel hostPolicyId (optional) **UUID** format: uuid hostPolicyName (optional) String hostPolicyRevision (optional) Integer format: int32 hostLastUpdated (optional) Date format: date-time agentLogs (optional)

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array[ComputerLogModel] duplicateCount (optional) Integer format: int32

#### ComputerFilterModel

computerId (optional) UUID The Id of the Computer (Guid format), for example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid host (optional) String The host name of the Computer, for example - Computer1 hostType (optional) AgentHostType agentVersion (optional) String The agent version of the Computer, example - 5.6.126.0 adapterVersion (optional) String The adapter version of the Computer, example - 20.5.195.0 authorisationState (optional) String The state of the Computer, example - Authorised, Pending lastConnected (optional) **DateFilterModel** policyRevisionStatus (optional) String Policy Revision Status, example - AwaitingLatestPolicy policyId (optional) UUID Policy Id, example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid policyName (optional) String Policy Name, example - Policy1 groupId (optional) UUID Group Id, example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid groupName (optional) String Group Name, example - Group1 os (optional) OS domain (optional) String Domain Name, example - BeyondTrust created (optional) DateFilterModel duplicateCount (optional) CountRange



id (optional) **UUID** The Id of the Computer(Guid format), for example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid created (optional) **Date** Created Date of the computer, example - 2020-12-24 19:09:47, 2020-12-24 19:09:47.6816562 format: date-time host (optional)

String The host name of the Computer, for example - Computer1 hostType (optional) AgentHostType os (optional) String OS Name, example - Windows domain (optional) String Domain Name, example - BeyondTrust adapterVersion (optional) String The adapter version of the Computer, example - 20.5.195.0 agentVersion (optional) String The agent version of the Computer, example - 5.6.126.0 authorisationState (optional) String The state of the Computer, example - Authorised, Pending lastConnected (optional) Date Date when computer is last connected, example - 2020-12-24 19:09:47, 2020-12-24 19:09:47.6816562 format: date-time deactivated (optional) Boolean if computer is deactivated, example - false deactivatedOn (optional) Date Date when computer turned into deactivation state, example - 2020-12-24 19:09:47, 2020-12-24 19:09:47.6816562 format: date-time pendingDeactivation (optional) Boolean if computer is in PendingDeactivation state, example - false rejected (optional) Boolean if computer is deactivated, example - false duplicate (optional) Boolean if computer has/is duplicate, example - false duplicateCount (optional) Integer Computer duplicate count, Min and Max Ranges, example - 1,2,3 format: int32 policyRevisionId (optional) **UUID** format: uuid policyId (optional) UUID Policy Id, example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid policyName (optional) String Policy Name, example - Policy1 policyRevisionStatus (optional) String groupId (optional) UUID Group Id, example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid groupName (optional) String Group Name, example - Group1 locked (optional) Boolean error (optional) Boolean errorInfo (optional) ListItemErrorInfoModel

ComputerListItemModelPagedResponse

pageNumber (optional)

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Integer format: int32 pageSize (optional) Integer format: int32 totalRecordCount (optional) Integer format: int32 pageCount (optional) Integer format: int32 data (optional) array[ComputerListItemModel]



computerId (optional) **UUID** format: uuid

ComputerRetrieveStatusInfoRequest

computerId (optional) **UUID** format: uuid

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50

#### ComputersAuthoriseRequest

computerIds (optional) array[UUID] format: uuid excludedComputerIds (optional) array[UUID] format: uuid filter (optional) ComputerFilterModel allComputers (optional) Boolean groupId (optional) UUID format: uuid

#### ComputersDeactivateRequest

computerIds (optional) array[UUID] format: uuid excludedComputerIds (optional) array[UUID] format: uuid filter (optional) ComputerFilterModel allComputers (optional) Boolean



Request to reject Computer(s) computerIds (optional) array[UUID] List of Computers identifiers to be rejected format: uuid excludedComputerIds (optional) array[UUID] List of Computers identifiers to be excluded from the rejection list format: uuid filter (optional) ComputerFilterModel allComputers (optional) Boolean Is all Computers matching BT.Common.ManagementApi.Computer.ComputerFilterModel and ExcludedComputerIds should be rejected

ComputersRemoveRequest

Request to remove Computer(s)

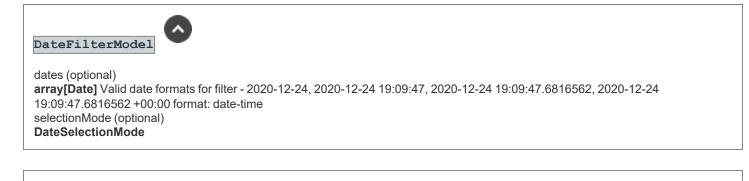
computerIds (optional) array[UUID] List of Computers identifiers to be removed format: uuid excludedComputerIds (optional) array[UUID] List of Computers identifiers to be excluded from the deletion list format: uuid filter (optional) ComputerFilterModel allComputers (optional) Boolean Is all Computers matching BT.Common.ManagementApi.Computer.ComputerFilterModel and ExcludedComputerIds should be removed



min (optional) Integer Min Value of CountRange, example - 1,2,3 format: int32 max (optional) Integer Max Value of CountRange, example - 1,2,3 format: int32



name (optional) **String** name of the group, for example - Alianse Group description (optional) **String** description of the group, for example - Alianse Group Description isDefault (optional) **Boolean** type of the group, for example - true





enum:

- Single
- Multiple
- Range

#### EndpointInformationModel

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macAddress (optional) String osArchitecture (optional) String osCaption (optional) String osCodeSet (optional) String osComputerDescription (optional) String osCountryCode (optional) String osInstallDate (optional) Date format: date-time osManufacturer (optional) String osOrganization (optional) String osSerialNumber (optional) String osSystemDirectory (optional) String osSystemDrive (optional) String osVersion (optional) String osVersionString (optional) String processorCaption (optional) String processorDescription (optional) String processorManufacturer (optional) String processorName (optional) String systemDnsHostName (optional) String systemDomain (optional) String systemManufacturer (optional) String

systemModel (optional) String systemName (optional) String systemPrimaryOwnerName (optional) String systemSystemType (optional) String systemWorkgroup (optional) String



id (optional) UUID The Id of the group(Guid format), for example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid name (optional) String The name of the group description (optional) String The description of the group computerCount (optional) Integer The Computer count of the group format: int32 activeComputers (optional) Integer Active Computers in the Group format: int32 created (optional) Date The created date of resource e.g 2020-12-24 19:09:47, 2020-12-24 19:09:47.6816562, 2020-12-24 19:09:47.6816562 +00:00 format: date-time policyRevisionId (optional) **UUID** format: uuid policyld (optional) UUID format: uuid policyRevisionStatus (optional) PolicyRevisionState policyName (optional) String revision (optional) Integer format: int32 default (optional) Boolean locked (optional) Boolean error (optional) Boolean errorInfo (optional) ListItemErrorInfoModel

54

#### GroupListItemModelPagedResponse

pageNumber (optional) Integer format: int32 pageSize (optional) Integer format: int32 totalRecordCount (optional) Integer format: int32 pageCount (optional) Integer format: int32 data (optional) array[GroupListItemModel]

#### ListItemErrorInfoModel

parentTaskName (optional) String errorCode (optional) Integer format: int32 userId (optional) UUID format: uuid userAccountName (optional) String initiated (optional) Date format: date-time



id (optional) **UUID** id of the group, for example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid name (optional) **String** name of the group, for example - Alianse Group description (optional) **String** description of the group, for example - Alianse Group desc

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enum:

- Windows
- Mac

Operator

### String enum:

- EqualTo
- LessThan
- GreaterThan
- LessThanOrEqualTo
- GreaterThanOrEqualTo

PolicyListItemModel

id (optional) UUID format: uuid name (optional) String size (optional) Integer format: int32 revision (optional) Integer format: int32 totalRevisions (optional) Integer format: int32 totalAssignedRevisions (optional) Integer format: int32 latestAssignedRevisions (optional) Integer format: int32 created (optional) Date format: date-time lastModified (optional) Date format: date-time lastModifiedUserId (optional) UUID format: uuid lastModifiedUser (optional) String hasOpenDraft (optional) Boolean openDraftId (optional) **UUID** format: uuid isAssignedToGroup (optional)



#### Boolean

draftUserId (optional) UUID format: uuid draftUser (optional) String locked (optional) Boolean error (optional) Boolean errorInfo (optional) ListItemErrorInfoModel lastPolicyToGroupAssignment (optional) Date format: date-time checkedOutDate (optional) Date format: date-time description (optional) String periodLocked (optional) String

#### PolicyListItemModelPagedResponse

pageNumber (optional) Integer format: int32 pageSize (optional) Integer format: int32 totalRecordCount (optional) Integer format: int32 pageCount (optional) Integer format: int32 data (optional) array[PolicyListItemModel]

#### PolicyRevisionState

#### String

- enum:OnLatestPolicy

  - OnAnEarlierPolicy
  - NoPolicy
  - AwaitingLatestPolicy
  - AwaitingAnEarlierPolicy

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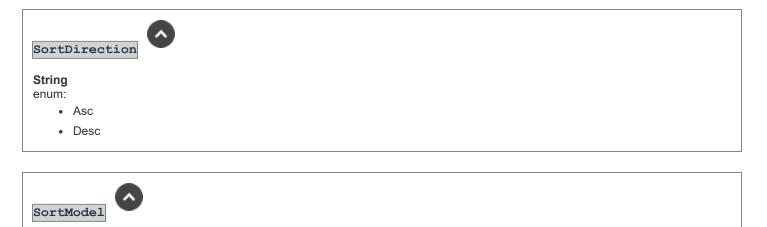
ProblemDetails	•			
type (optional) <b>String</b> title (optional) <b>String</b> status (optional)				
Integer format: int32 detail (optional) String instance (optional)				
String				

#### RemoveGroupRequest

id (optional)

UUID id of the group, for example - 59A00329-87AC-49EC-BC2C-9B9E26F05185 format: uuid

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by (optional) **String** The property on which to sort e.g. name order (optional) **SortDirection** 

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