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About the Firepower Management Center REST API

The Firepower Management Center REST API provides a lightweight API to manage a Firepower Management Center.

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About the Firepower Management Center REST API

With the release of Cisco’s Firepower Management Center REST API, you now have light-weight, easy-to-use option for managing Firepower Threat Defense and legacy Firepower devices through a Firepower Management Center.

The REST API is an application programming interface (API), based on “RESTful” principles, which you can quickly enable on any Firepower Management Center running version 6.1 or higher, and use with a REST client.

After installing a REST client, you can contact the specific Firepower Management Center's REST agent and use standard HTTP methods to access current configuration information, and issue additional configuration parameters.

Enabling the REST API

In Firepower Management Center, the REST API is enabled by default. However, if you are intending to use the REST API, you should confirm that it is enabled.

Note

If you are using UCAPL mode, check that the REST API is not enabled.

Step 1

Navigate to System>Configuration>REST API Preferences>Enable REST API
Best Practices

Cisco recommends the following best practices for optimal results with the REST API:

• Keep UI users and script users separate. Especially do not use the admin account as an API user.
• Do not give script users more privilege than needed.
• Always validate the content coming from the server.
• Validate/sanitize JSON content, as it may include embedded executable code.
• If you are using CC or UCAPL mode you should disable REST API access to the Firepower Management Center and managed devices.

Additional Resources

Additional resources for the Firepower Management Center REST API can be found on Cisco DevNet at https://developer.cisco.com/firepower/.
About the API Explorer

The API Explorer provides a limited interface for the REST API as well as giving a view of the abilities of the REST API.

The API Explorer resides on the Firepower Management Center, and can be accessed via the Firepower Management Center at:

https://<management_center_IP_or_name>:<https_port>/api/api-explorer

This explorer provides the list of APIs available on the Firepower Management Center, and their details.

Authentication to the API Explorer

The REST API relies on the same authentication as the Firepower Management Center. Each function in the REST API maps to permissions in the Firepower Management Center.

You can log into the API Explorer using any account on the Firepower Management Center, but you will only be able to perform the functions for which the account has permissions. For more information on setting permissions for user roles, see the Firepower Management Center Configuration Guide.

The first time you connect to the API Explorer you may receive an error that the connection is not secure due to an invalid certificate. You will need to add an exception in your browser to use the certificate and accept the connection.

Logging into API Explorer

The REST API uses the same authentication and permission model as the Firepower Management Center. See the Firepower Management Center Configuration Guide for more information.
Before you begin

Make sure you have an account on your Firepower Management Center with the required permissions to perform the tasks you want to perform using the REST API.

---

**Step 1**

Navigate to the following URL: https://<management_center_IP_or_name>:<https_port>/api/api-explorer

If you experience an extended load time for the logon screen when using a Firefox browser, enter `about: support` in the search bar and click the **Refresh Firefox** option, then view the Firepower Management Center interface with self-signed certificates in the same Firefox browser. For more information, see https://support.mozilla.org/en-US/kb/refresh-firefox-reset-add-ons-and-settings.

**Step 2**

Log in with your username and password and click "Sign In"

---

**What to do next**

Locate the desired resource and request.

---

### Setting the Domain

The REST API can perform functions globally, in the default domain, or in specific domains.

**Before you begin**

You must have a configured Firepower Management Center, an account with permissions to access the REST API in one or more domains configured on your FMC.

In the upper right, drop down the **Domains** menu and select the desired domain.

---

**What to do next**

Locate the desired resource and request type.

---

### Obtaining Sample Code

You can use the Export Operation button in API Explorer to save the displayed method example as a Python or Perl script file to your local host. This script can be used to make that REST call, and can be integrated into your application. This is meant primarily as an educational and bootstrapping tool.

- **Python**: The Python scripts require you to install Python, available from https://www.python.org/. Once you’ve installed Python, you can run your script with `python script.py username password`.

- **Perl**: Using the Perl scripts requires some additional set-up—you need five components:
  - Perl package, found at http://www.perl.org/
  - Bundle::CPAN, found at http://search.cpan.org/~andk/Bundle-CPAN-1.861/CPAN.pm
Obtaining Sample Code

The API Explorer can create sample code in Python and Perl to aid in creating a REST API client.

Before you begin

You must have a configured Firepower Management Center and an account on that center with the permissions required to use the desired REST API functions.

Step 1
Select the resource where you want to obtain sample code from the API INFO menu.

Step 2
Locate the desired function and select DELETE, PUT, POST, or GET.

Step 3
Select and input all other parameters for the desired function. This will vary depending on the function.

Step 4
On the right, drop down the menu for "Export operation in" and select "Python script" or "Perl script".

Step 5
The sample code will pop up in a new window. Cut and paste this code to use in your REST API client.

What to do next

Use this sample code to implement your own REST API client.

Viewing API Parameters

Each resource has a set of parameters and fields associated with it. You can view the parameters and fields by performing any of the supported operations for that resource within API Explorer.

Before you begin

You must have a configured Firepower Management Center and an account on that center with the permissions required to use the desired REST API functions.

Step 1
Select the desired resource.

Step 2
Select one of the supported operations for that resource.
CHAPTER 3

Connecting with a Client

You can access the REST API using any REST API client. Typically REST API clients are available as browser plugins, but any REST API client is allowed.

Note

If connecting to the REST API for the first time, you will receive a certificate warning. You need to accept the certificate in order to use the REST API.

• Authentication from a REST API Client, on page 7

Authentication from a REST API Client

Cisco recommends that you use different accounts for interfacing with the API and the Firepower User Interface. Credentials cannot be used for both interfaces simultaneously, and will be logged out without warning if used for both.

The first time you connect to the REST API you may receive an error that the connection is not secure due to an invalid certificate. Add an exception in your browser to use the certificate and accept the connection.

With Token Based Authentication you obtain a token by providing your username and password. You use this token to access an HTTP service for a limited time period without the need for the username and password with every request. In other words, to eliminate the need for authenticating with your username and password with each request, you replace user credentials with a uniquely generated access token, which you use for accessing resources for up to 30 minutes and can refresh up to three times.

The diagram below illustrates the concept of token-based authentication:
Requesting an Authentication Token

The Token Generation Utility provides an authentication token which can be used in your REST API client.

Before you begin
You must have a configured Firepower Management Center and an account on that center with credentials to use the REST API. You must also have a REST API Client which can perform basic authentication.
Step 1: Open your REST API Client.
Step 2: Set the client to make a POST command to the following URL:
   https://<management_center_IP_or_name>/api/fmc_platform/v1/auth/generatetoken.
Step 3: Include the username and password as a basic authentication header. The POST body should be blank.

What to do next

Add the header `X-auth-access-token:<authentication token value>` in requests to the API.
Add the headers `X-auth-access-token:<authentication token value>` and  
`X-auth-refresh-token:<refresh token value>` in requests to refresh the token as described in Authentication from a REST API Client, on page 7
Use the Domain_UUID from the authentication token in all REST requests to the server.

Refreshing an Authentication Token

Firepower Management Center REST API authentication tokens are valid for 30 minutes, and can be refreshed up to three times.

Before you begin

Obtain valid authentication and refresh tokens from the Firepower Management Center REST API. Ensure these tokens have been refreshed less than three times.

Step 1: Open your REST API Client.
Step 2: Set the client to make a POST command to the following URL:
   https://<management_center_IP_or_name>/api/fmc_platform/v1/auth/refreshtoken with the headers  
   `X-auth-access-token:<authentication token value>` and `X-auth-refresh-token:<refresh token value>`.

What to do next

Add the header `X-auth-access-token:<new authentication token value>` in requests to the API.
Add the header `X-auth-refresh-token:<new refresh token value>` in requests to refresh the token.
Objects in the REST API

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Request Structure

Request Structure:

Requests are sent to the Firepower Management Center as HTTPS requests with the Uniform Resource Identifier (URI) of the form described below:

https://<management_center_IP_or_name>:<https_port>/<object_URL>/object_UUIDoptions

Where:

- `<management_center_IP_or_name>`
  is the IP address or Fully Qualified Domain Name of the Firepower Management Center

- `<https_port>`
  is the port number used by the Firepower Management Center for HTTPS connections. This port is always 443.

- `<object_URL>`
  is the specific URL for the desired resource. These URLs are unique for each resource and are given below.
• options

are the options given with the request. Options can be used to modify the output and filter results.

• {UUID}

Many URLs contain one or more UUIDs which must be specified. Most URIs include the domain UUID, which can be found in the Authentication Token. When deleting or modifying an object, or requesting information about a specific object, the URI will end with the object UUID.

Available request methods are:

• GET

  – Retrieves data from the specified object. GET is a read-only operation.

• PUT

  – Adds the supplied information to the specified object; returns a 404 Resource Not Found error if the object does not exist.

  __Note__

  Currently PUT may be used to create a new object, but this ability may be removed in later releases. Use POST to create new objects and PUT to modify existing objects.

• POST

  – Creates the object with the supplied information. POST operations should be followed with a payload consisting of the JSON object to be created, enclosed in braces:

  `{object}`

  __Note__

  The maximum number of rules you can use depends on memory of the device. There is no set limit, because complex rules use more memory. For rule performance and optimization guidelines, see the Firepower Management Center Configuration Guide.

• DELETE

  – Deletes the specified object.

• PATCH

  – Not supported.

The API supports query parameters for almost all requests. For GET requests, the following query parameters can be used to control the number of returned objects and the pagination:

• expanded

  - This is a True/False value which indicates whether you get a full listing of an item in a list or only a reference. Some fields will only show if this flag is set to true.

• offset

  - Indicates the position in the list where you want to start.
• limit
  - Indicates the number of items you want to retrieve in a page.

The API supports filtering on the basis of query parameters passed with a request. Filtering can be done based on specific attributes in a model. The parameters available for filtering vary by object, and are listed with the request below.

Response Structure

The REST API will serve only 25 results per page. This can be increased up to 1000 using the limit query parameter.

The response structure can be:

• LOCATION – Newly created resource ID; for POST only—holds the new resource ID (as a URI representation).

• CONTENT-TYPE – Media type describing the response message body; describes the representation and syntax of the response message body.

• Each response includes an HTTP status or error code. Available codes fall into these categories:

  • 20x - A two-hundred series code indicates successful operation, including:

    • 200 OK
      – Standard response for successful requests.

    • 201 Created
      – Request completed; new resource created.

    • 202 Accepted
      – Request accepted, but processing not complete.

    • 204 No Content
      – Server successfully processed request; no content is being returned.

  • 4xx - A four-hundred series code indicates a client-side error, including:

    • 400 Bad Request
      – Invalid query parameters, including unrecognized parameters, missing parameters, or invalid values.

    • 404 Not Found
      – The provided URL does not match an existing resource. For example, an HTTP DELETE may fail because the resource is unavailable.

    • 405 Method not Allowed
      – An HTTP request was presented that is not allowed on the resource; for example, a POST on a read-only resource.
• **422 Unprocessable Entity**
  – The payload is too large. This will occur when you send a payload greater than 20480 bytes.

• **429 Too Many Requests**
  – Too many requests were sent to the API. This error will occur if you send more than 120 requests per minute.

• **5xx - A five-hundred series code indicates a server-side error.**
  This can indicate that the object was edited or deleted via REST API such that the corresponding policy is invalidated.

In the case of an error, in addition to the error code, the return response may include an error object containing more details about the error. The JSON error/warning response schema is as follows:

```json
{
  "error": {
    "category": "FRAMEWORK",
    "messages": [ {
      "description": "Action is mandatory to be specified."
    } ],
    "severity": "ERROR"
  }
}
```

where the object properties are:

**Table 1: Object Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>messages</td>
<td>List of Dictionaries</td>
<td>List of error or warning messages</td>
</tr>
<tr>
<td>code</td>
<td>String</td>
<td>Error/Warning/Info code</td>
</tr>
<tr>
<td>details</td>
<td>String</td>
<td>Detailed message corresponding to Error/Warning/Info</td>
</tr>
</tbody>
</table>

**Rate Limiting**

The Firepower Management Center REST API implements rate limiting to reduce network load.

The API will accept no more than 120 messages per minute from an individual IP address. It will only allow 10 simultaneous connections per IP address. These are not configurable parameters.

If a client exceeds these limits, the API will give an HTTP 429 error.
**Payload Limiting**

The API cannot accept a message with a payload greater than 20480 bytes. This applies to both the REST API and to API Explorer. This is not a configurable parameter.

If a message exceeds this limit, the API will give an HTTP 422 error.

**Audit Services**

**GET auditrecords**

Request Type: GET

Description: Retrieves audit records.

URL: /api/fmc_config/v1/domain/{domain_UUID}/audit/auditrecords

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/audit/auditrecords/{objectID}

Permissions: System > Monitoring > Audit

Parameters available for filtering: username, subsystem, source, starttime, endtime

**Deployment Services**

**GET deployabledevices**

Request Type: GET

Description: Retrieves list of all devices with configuration changes, ready to be deployed.

URL: /api/fmc_config/v1/domain/{domain_UUID}/deployment/deployabledevices

Permissions: Deploy Configuration to Devices

Parameters available for filtering: name

**POST deploymentrequests**

Request Type: POST

Description: Creates a request for deploying configuration changes to the specified device.

URL: /api/fmc_config/v1/domain/{domain_UUID}/deployment/deploymentrequests/{object_UUID}

Permissions: Deploy Configuration to Devices
Device Group Services

DELETE devicegrouprecords

Request Type: DELETE
Description: Deletes a device group with the specified object ID.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devicegroups/devicegrouprecords/{object_UUID}
Permissions: Devices > Device Management > Modify Devices

PUT devicegrouprecords

Request Type: PUT
Description: Modifies a device group with the specified object ID.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devicegroups/devicegrouprecords/{object_UUID}
Permissions: Devices > Device Management > Modify Devices

POST devicegrouprecords

Request Type: POST
Description: Creates a device group with the specified object ID.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devicegroups/devicegrouprecords
Permissions: Devices > Device Management > Modify Devices

GET devicegrouprecords

Request Type: GET
Description: Retrieves the device group associated with the specified ID. If no ID is specified, retrieves list of all device groups.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devicegroups/devicegrouprecords
URL for GET by ID:
/api/fmc_config/v1/domain/{domain_UUID}/devicegroups/devicegrouprecords/{object_UUID}
Permissions: Devices > Device Management > View Devices

Device Services

DELETE devicerecords

Request Type: DELETE
PUT devicerecords

Request Type: PUT

Description: Unregisters the specified device.

URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{object_UUID}

Permissions: Devices > Device Management > Modify Devices

POST devicerecords

Request Type: POST

Description: Registers the specified device to the Firepower Management Center.

URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords

Permissions: Devices > Device Management > Modify Devices

GET devicerecords

Request Type: GET

Description: Retrieves device information. If a device ID is specified, the information for the specified device is retrieved. If no ID is specified, retrieves information for all devices.

URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{object_UUID}

Permissions: Devices > Device Management

Parameters available for filtering: hostName

PUT fpphysicalinterfaces

Request Type: PUT

Description: Modifies a physical interface on the specified device.

URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{containerUUID}/fpphysicalinterfaces/{object_UUID}

Permissions: Devices > Device Management > Modify Device

GET fpphysicalinterfaces

Request Type: GET
DELETE fplogicalinterfaces

Request Type: DELETE
Description: Deletes logical interfaces on the specified device.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/fplogicalinterfaces/{object_UUID}
Permissions: Devices > Device Management > Modify Device

PUT fplogicalinterfaces

Request Type: PUT
Description: Modifies a logical interface on the specified device.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/fplogicalinterfaces/{object_UUID}
Permissions: Devices > Device Management > Modify Device

POST fplogicalinterfaces

Request Type: POST
Description: Creates logical interfaces on the specified device.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/fplogicalinterfaces
Permissions: Devices > Device Management > Modify Device

GET fplogicalinterfaces

Request Type: GET
Description: Retrieves the logical interface associated with the specified NGIPS device ID and interface ID. If no ID is specified, retrieves list of all logical interfaces associated with the specified NGIPS device ID.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/fplogicalinterfaces
DELETE inlinesets

Request Type: DELETE
Description: Deletes inline sets on the specified device.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/inlinesets/{object_UUID}
Permissions: Devices > Device Management > Modify Device

PUT inlinesets

Request Type: PUT
Description: Modifies an inline set on the specified device.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/inlinesets/{object_UUID}
Permissions: Devices > Device Management > Modify Device

POST inlinesets

Request Type: POST
Description: Creates inline sets on the specified device.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/inlinesets
Permissions: Devices > Device Management > Modify Device

GET inlinesets

Request Type: GET
Description: Retrieves information on the inline set associated with the specified NGIPS device ID and inline set ID. If no inline set ID is specified, retrieves list of all inline sets associated with the specified NGIPS device ID.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/inlinesets
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/inlinesets/{object_UUID}
Permissions: Devices > Device Management
Parameters available for filtering: name
DELETE virtualswitches

Request Type: DELETE
Description: Deletes a virtual switch on the specified device.
This method is only available on a Firepower 1010 device.
URL:
/api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{containerUUID}/virtualswitches/{object_UUID}
Permissions: Devices > Device Management > Modify Device

PUT virtualswitches

Request Type: PUT
Description: Modifies a virtual switch on the specified device.
This method is only available on a Firepower 1010 device.
URL:
/api/fmc_config/v1/domain/{UUID}/devices/devicerecords/{containerUUID}/virtualswitches/{object_UUID}
Permissions: Devices > Device Management > Modify Device

POST virtualswitches

Request Type: POST
Description: Creates a virtual switch on the specified device.
This method is only available on a Firepower 1010 device.
URL:
/api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/virtualswitches
Permissions: Devices > Device Management > Modify Device

GET virtualswitches

Request Type: GET
Description: Retrieves virtual switch associated with the specified NGIPS device ID and virtual switch ID. If no virtual switch ID is specified, retrieves list of all virtual switches associated with the specified NGIPS device ID.
This method is only available on a Firepower 1010 device.
URL: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{containerUID}/virtualswitches
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{containerUID}/virtualswitches/{object_UUID}
Permissions: Devices > Device Management
Parameters available for filtering: name

**PUT fpphysicalinterfaces**

Request Type: **PUT**

Description: Modifies a physical interface on the specified device.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{containerUUID}/fpphysicalinterfaces/{object_UUID}`

Permissions: Devices > Device Management > Modify Device

**GET fpphysicalinterfaces**

Request Type: **GET**

Description: Retrieves information on the physical interface associated with the specified NGIPS device ID and interface ID. If no ID is specified, retrieves list of all physical interfaces associated with the specified NGIPS device ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/fpphysicalinterfaces`

URL for GET by ID: `/api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/fpphysicalinterfaces/{object_UUID}`

Permissions: Devices > Device Management

Parameters available for filtering: name

**GET fpinterfacestatistics**

Request Type: **GET**

Description: Retrieves list of statistics for all interfaces associated with the specified NGIPS device ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/devices/devicerecords/{container_UUID}/fpinterfacestatistics`

Permissions: Devices > Device Management

Parameters available for filtering: name

**Intelligence Services**

**Object Services**

**GET anyprotocolportobjects**

Request Type: **GET**
GET applicationcategories

Request Type: GET
Description: Retrieves the application category object associated with the specified ID. If no ID is specified, retrieves list of all application category objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/applicationcategories
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/applicationcategories/{object_UUID}
Permissions: Object Manager

GET applicationfilters

Request Type: GET
Description: Retrieves the application filter object associated with the specified ID. If no ID is specified, retrieves list of all application filter objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/applicationfilters
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/applicationfilters/{object_UUID}
Permissions: Object Manager

GET applicationproductivities

Request Type: GET
Description: Retrieves the application productivity object associated with the specified ID. If no ID is specified, retrieves list of all application productivity objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/applicationproductivities
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/applicationproductivities/{object_UUID}
Permissions: Object Manager

GET applicationrisks

Request Type: GET
GET applications

Request Type: GET

Description: Retrieves the application object associated with the specified ID. If no ID is specified, retrieves list of all application objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/object/applications

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/applications/{object_UUID}

Permissions: Object Manager

GET applicationtags

Request Type: GET

Description: Retrieves the application tag object associated with the specified ID. If no ID is specified, retrieves list of all application tag objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/object/applicationtags

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/applicationtags/{object_UUID}

Permissions: Object Manager

GET applicationtypes

Request Type: GET

Description: Retrieves the application type object associated with the specified ID. If no ID is specified, retrieves list of all application type objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/object/applicationtypes

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/applicationtypes/{object_UUID}

Permissions: Object Manager

GET continents

Request Type: GET

Description: Retrieves the continent object associated with the specified ID. If no ID is specified, retrieves list of all continent objects.
## GET countries

**Request Type:** GET  
**Description:** Retrieves the country object associated with the specified ID. If no ID is specified, retrieves list of all country objects.

**URL:** /api/fmc_config/v1/domain/{domain_UUID}/object/countries  
**URL for GET by ID:** /api/fmc_config/v1/domain/{domain_UUID}/object/countries/{object_UUID}  
**Permissions:** Object Manager

## GET endpointdevicetypes

**Request Type:** GET  
**Description:** Retrieves the endpoint device type object associated with the specified ID. If no ID is specified, retrieves list of all endpoint device type objects.

**URL:** /api/fmc_config/v1/domain/{domain_UUID}/object/endpointdevicetypes  
**URL for GET by ID:** /api/fmc_config/v1/domain/{domain_UUID}/object/endpointdevicetypes/{object_UUID}  
**Permissions:** Object Manager

## GET geolocation

**Request Type:** GET  
**Description:** Retrieves the geolocation object associated with the specified ID. If no ID is specified, retrieves list of all geolocation objects.

**URL:** /api/fmc_config/v1/domain/{domain_UUID}/object/geolocations  
**URL for GET by ID:** /api/fmc_config/v1/domain/{domain_UUID}/object/geolocations/{object_UUID}  
**Permissions:** Object Manager

## DELETE hosts

**Request Type:** DELETE  
**Description:** Deletes the specified host object.

**URL:** /api/fmc_config/v1/domain/{domain_UUID}/object/hosts/{object_UUID}  
**Permissions:** Object Manager > Modify Object Manager
PUT hosts

Request Type: PUT
Description: Modifies a host object.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/hosts/{object_UUID}
Permissions: Object Manager > Modify Object Manager

POST hosts

Request Type: POST
Description: Creates or overrides the host objects with the specified parameters.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/hosts
URL for Bulk Post: /api/fmc_config/v1/domain/{domain_UUID}/object/hosts?bulk=true
Permissions: Object Manager > Modify Object Manager

GET hosts

Request Type: GET
Description: Retrieves the host object associated with the specified ID. If no ID is specified, retrieves list of all host objects.
URL for listing: /api/fmc_config/v1/domain/{domain_UUID}/object/hosts
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/hosts/{object_UUID}
Permissions: Object Manager

DELETE icmpv4objects

Request Type: DELETE
Description: Deletes the specified ICMPv4 port.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/icmpv4objects/{object_UUID}
Permissions: Object Manager > Modify Object Manager

PUT icmpv4objects

Request Type: PUT
Description: Modifies ICMPv4 port objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/icmpv4objects/{object_UUID}
Permissions: Object Manager > Modify Object Manager
POST icmpv4objects

Request Type: POST
Description: Creates or overrides the ICMPv4 port objects with the specified parameters.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/icmpv4objects
Permissions: Object Manager > Modify Object Manager

GET icmpv4objects

Request Type: GET
Description: Retrieves the ICMPv4 object associated with the specified ID. If no ID, retrieves list of all ICMPv4 objects.
URL for listing: /api/fmc_config/v1/domain/{domain_UUID}/object/icmpv4objects
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/icmpv4objects/{object_UUID}
Permissions: Object Manager

DELETE icmpv6objects

Request Type: DELETE
Description: Deletes the specified ICMPv6 port objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/icmpv6objects/{object_UUID}
Permissions: Object Manager > Modify Object Manager

PUT icmpv6objects

Request Type: PUT
Description: Modifies ICMPv6 port objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/icmpv6objects/{object_UUID}
Permissions: Object Manager > Modify Object Manager

POST icmpv6objects

Request Type: POST
Description: Creates or overrides the ICMPv6 port objects with the specified parameters.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/icmpv6objects
Permissions: Object Manager > Modify Object Manager

GET icmpv6objects

Request Type: GET
Objects in the REST API

GET isesecuritygrouptags

Request Type: GET

Description: Retrieves the ISE security group tag object with the specified ID. If no ID is specified, retrieves list of all ISE security group tag objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/object/isesecuritygrouptags

Permissions: Object Manager

GET networkaddresses

Request Type: GET

Description: Retrieves list of all network and host objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/object/networkaddresses

Permissions: Object Manager

DELETE networkgroups

Request Type: DELETE

Description: Deletes the specified Network Group.

URL: /api/fmc_config/v1/domain/{domain_UUID}/object/networkgroups/{object_UUID}

URL to DELETE overrides on a particular object:
/api/fmc_config/v1/domain/{domain_UUID}/object/networkgroups/{object_UUID}?overrideTargetId={target_UUID}

Permissions: Object Manager > Modify Object Manager

PUT networkgroups

Request Type: PUT

Description: Modifies a Network Group.

URL: /api/fmc_config/v1/domain/{domain_UUID}/object/networkgroups/{object_UUID}

Permissions: Object Manager > Modify Object Manager
POST networkgroups

Request Type: POST
Description: Creates or overrides the network group with the specified parameters.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/networkgroups
Permissions: Object Manager > Modify Object Manager

GET networkgroups

Request Type: GET
Description: Retrieves the network group object associated with the specified ID. If no ID is specified, retrieves list of all network group objects.
URL for listing: /api/fmc_config/v1/domain/{domain_UUID}/object/networkgroups
URL for all the overrides on a particular domain or device:
/api/fmc_config/v1/domain/{domain_UUID}/object/networkgroups?overrideTargetId={target_UUID}
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/networkgroups/{object_UUID}
Permissions: Object Manager

DELETE networks

Request Type: DELETE
Description: Deletes the specified network objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/networks/{object_UUID}
URL to DELETE overrides on a particular object:
/api/fmc_config/v1/domain/{domain_UUID}/object/networks/{object_UUID}?overrideTargetId={target_UUID}
Permissions: Object Manager > Modify Object Manager

PUT networks

Request Type: PUT
Description: Modifies network objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/networks/{object_UUID}
Permissions: Object Manager > Modify Object Manager

POST networks

Request Type: POST
Description: Creates or overrides the network objects with the specified parameters.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/networks
URL for Bulk Post: /api/fmc_config/v1/domain/{domain_UUID}/object/networks?bulk=true
GET networks

Request Type: GET
Description: Retrieves the network objects associated with the specified ID. If no ID is specified, retrieves list of all network objects.
URL for listing: /api/fmc_config/v1/domain/{domain_UUID}/object/networks
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/networks/{object_UUID}
Permissions: Object Manager

DELETE portobjectgroups

Request Type: DELETE
Description: Deletes the specified port object groups.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/portobjectgroups/{object_UUID}
URL to DELETE overrides on a particular object:
/api/fmc_config/v1/domain/{domain_UUID}/object/portobjectgroups/{object_UUID}?overrideTargetId={target_UUID}
Permissions: Object Manager

PUT portobjectgroups

Request Type: PUT
Description: Modifies port object groups.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/portobjectgroups/{object_UUID}
Permissions: Object Manager

POST portobjectgroups

Request Type: POST
Description: Creates or overrides the port object groups with the specified parameters.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/portobjectgroups
Permissions: Object Manager

GET portobjectgroups

Request Type: GET
Description: Retrieves the port object group object associated with the specified ID. If no ID is specified, retrieves list of all port object group objects.
URL for listing: /api/fmc_config/v1/domain/{domain_UUID}/object/portobjectgroups
GET ports

Request Type: GET
Description: Retrieves list of all port objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/ports
Permissions: Object Manager

DELETE protocolportobjects

Request Type: DELETE
Description: Deletes the specified protocol port objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/protocolportobjects/{object_UUID}
URL to DELETE overrides on a particular object:
/api/fmc_config/v1/domain/{domain_UUID}/object/protocolportobjects/{object_UUID}?overrideTargetId={target_UUID}
Permissions: Object Manager > Modify Object Manager

PUT protocolportobjects

Request Type: PUT
Description: Modifies protocol port objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/protocolportobjects/{object_UUID}
Permissions: Object Manager > Modify Object Manager

POST protocolportobjects

Request Type: POST
Description: Creates or overrides the protocol port objects with the specified parameters.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/protocolportobjects
Permissions: Object Manager > Modify Object Manager

GET protocolportobjects

Request Type: GET
Description: Retrieves the protocol port object associated with the specified ID. If no ID is specified, retrieves list of all protocol port objects.

URL for listing: /api/fmc_config/v1/domain/{domain_UUID}/object/protocolportobjects

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/protocolportobjects/{object_UUID}

Permissions: Object Manager

DELETE ranges

Request Type: DELETE
Description: Deletes the specified address range.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/ranges/{object_UUID}

URL to DELETE overrides on a particular object: /api/fmc_config/v1/domain/{domain_UUID}/object/ranges/{object_UUID}?overrideTargetId={target_UUID}

Permissions: Object Manager > Modify Object Manager

PUT ranges

Request Type: PUT
Description: Modifies an address range.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/ranges/{object_UUID}

Permissions: Object Manager > Modify Object Manager

POST ranges

Request Type: POST
Description: Creates or overrides an address range with the specified parameters.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/ranges

Permissions: Object Manager > Modify Object Manager

GET ranges

Request Type: GET
Description: Retrieves the address range object associated with the specified ID. If no ID is specified, retrieves list of all address range objects.

URL for listing: /api/fmc_config/v1/domain/{domain_UUID}/object/ranges

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/ranges/{object_UUID}

Permissions: Object Manager
GET realms

Request Type: GET

Description: Retrieves the realm object associated with the specified ID. If no ID is specified, retrieves list of all realm objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/object/realms

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/realms/{object_UUID}

Permissions: Object Manager

GET realmusergroups

Request Type: GET

Description: Retrieves the realm user group object associated with the specified ID. If no ID is specified, retrieves list of all realm user group objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/objectrealmusergroups

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/objectrealmusergroups/{object_UUID}

Permissions: Object Manager

Parameters available for filtering: realmUuid

Note: This is a required parameter.

GET realmusers

Request Type: GET

Description: Retrieves the realm user object associated with the specified ID. If no ID is specified, retrieves list of all realm user objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/objectrealmusers

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/objectrealmusers/{object_UUID}

Permissions: Object Manager

Parameters available for filtering: realmUuid

Note: This is a required parameter.

GET securitygrouptags

Request Type: GET
Description: Retrieves the custom security group tag object associated with the specified ID. If no ID is specified, retrieves list of all custom security group tag objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/securitygrouptags
URL for GET by ID:
/api/fmc_config/v1/domain/{domain_UUID}/object/securitygrouptags/{object_UUID}
Permissions: Object Manager
Parameters available for filtering: name

DELETE securityzones

Request Type: DELETE
Description: Deletes the specified securityzone objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/securityzones/{object_UUID}
Permissions: Object Manager>Modify Object Manager

PUT securityzones

Request Type: PUT
Description: Modifies a securityzone object.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/securityzones/{object_UUID}
Permissions: Object Manager>Modify Object Manager

POST securityzones

Request Type: POST
Description: Creates or overrides the securityzone objects with the specified parameters.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/securityzones
Permissions: Object Manager > Modify Object Manager

GET securityzones

Request Type: GET
Description: Retrieves the security zone objects associated with the specified ID. If no ID is specified, retrieves list of all security zone objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/securityzones
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/securityzones/{object_UUID}
Permissions: Object Manager
Parameters available for filtering: name
GET siurlfeeds

Request Type: GET

Description: Retrieves the Security Intelligence url feed object associated with the specified ID. If no ID is specified, retrieves list of all Security Intelligence url feed objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/object/siurlfeeds

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/siurlfeeds/{object_UUID}

Permissions: Object Manager

GET siurllists

Request Type: GET

Description: Retrieves the Security Intelligence url list object associated with the specified ID. If no ID is specified, retrieves list of all Security Intelligence url list objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/object/siurllists

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/siurllists/{object_UUID}

Permissions: Object Manager

GET tunnelltags

Request Type: GET

Description: Retrieves the tunnel tag object associated with the specified ID. If no ID is specified, retrieves list of all tunnel tag objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/object/tunneltags

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/tunneltags/{object_UUID}

Permissions: Object Manager

GET urlcategories

Request Type: GET

Description: Retrieves the url category object associated with the specified ID. If no ID is specified, retrieves list of all url category objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/object/urlcategories

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/urlcategories/{object_UUID}

Permissions: Object Manager

DELETE urlgroups

Request Type: DELETE

Description: Deletes the specified urlgroup objects.
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**PUT urlgroups**

Request Type: **PUT**
Description: Modifies urlgroup objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/urlgroups/{object_UUID}
Permissions: Object Manager > Modify Object Manager

**POST urlgroups**

Request Type: **POST**
Description: Creates or overrides the urlgroup objects with the specified parameters.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/urlgroups
Permissions: Object Manager > Modify Object Manager

**GET urlgroups**

Request Type: **GET**
Description: Retrieves the url group objects associated with the specified ID. If no ID is specified, retrieves list of all url group objects.
URL for listing: /api/fmc_config/v1/domain/{domain_UUID}/object/urlgroups
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/urlgroups/{object_UUID}
Permissions: Object Manager > Modify Object Manager

**DELETE urls**

**PUT urls**

Request Type: **PUT**
Description: Modifies a URL.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/urls/{object_UUID}
Permissions: Object Manager

**POST urls**

Request Type: **POST**
GET urls

Description: Creates or overrides the URLs with the specified parameters.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/urls
Permissions: Object Manager > Modify Object Manager

GET urls

Request Type: GET
Description: Retrieves the url objects associated with the specified ID. If no ID is specified, retrieves list of all url objects.
URL for listing: /api/fmc_config/v1/domain/{domain_UUID}/object/urls
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/urls/{object_UUID}
Permissions: Object Manager

GET variablesets

Request Type: GET
Description: Retrieves the variable set object associated with the specified ID. If no ID is specified, retrieves list of all variable set objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/variablessets
URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/variablessets/{object_UUID}
Permissions: Object Manager

DELETE vlangrouptags

Request Type: DELETE
Description: Deletes the specified vlangrouptag objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags/{object_UUID}
URL to DELETE overrides on a particular object:
/api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags/{object_UUID}?overrideTargetId={target_UUID}
Permissions: Object Manager > Modify Object Manager

PUT vlangrouptags

Request Type: PUT
Description: Modifies vlangrouptag objects.
URL: /api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags/{object_UUID}
Permissions: Object Manager > Modify Object Manager
**POST vlangrouptags**

Request Type: **POST**

Description: Creates or overrides the VLAN group tags with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags`

Permissions: Object Manager > Modify Object Managers

**GET vlangrouptags**

Request Type: **GET**

Description: Retrieves the vlan group tag objects associated with the specified ID. If no ID is specified, retrieves list of all vlan group tag objects.

URL for listing: `/api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags`

URL for GET by ID: `/api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags/{object_UUID}`

Permissions: Object Manager > Modify Object Manager

**DELETE vlantags**

Request Type: **DELETE**

Description: Deletes the specified VLAN tag objects.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/vlantags/{object_UUID}`

URL to DELETE overrides on a particular object: `/api/fmc_config/v1/domain/{domain_UUID}/object/vlantags/{object_UUID}?overrideTargetId={target_UUID}`

Permissions: Object Manager > Modify Object Manager

**PUT vlantags**

Request Type: **PUT**

Description: Modifies VLAN tag objects.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/vlantags/{object_UUID}`

Permissions: Object Manager > Modify Object Manager

**POST vlantags**

Request Type: **POST**

Description: Creates or overrides the VLAN tags with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/vlantags`

Permissions: Object Manager > Modify Object Manager
GET vlantags

Request Type: GET

Description: Retrieves the vlantag objects associated with the specified ID. If no ID is specified, retrieves list of all vlantag objects.

URL for listing: /api/fmc_config/v1/domain/{domain_UUID}/object/vlantags

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/object/vlantags/{object_UUID}

Permissions: Object Manager

Policy Services

DELETE accesspolicies

Request Type: DELETE

Description: Deletes the access control policy with the specified ID.

URL: /api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{object_UUID}

Permissions: Policies>Access Control Policy>Modify Access Control Policy

PUT accesspolicies

Request Type: PUT

Description: Modifies an access control policy.

URL: /api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{object_UUID}

Permissions: Policies>Access Control Policy>Modify Access Control Policy

POST accesspolicies

Request Type: POST

Description: Creates an access control policy with the specified parameters.

URL: /api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies

Permissions: Policies>Access Control Policy>Modify Access Control Policy

GET accesspolicies

Request Type: GET

Description: Retrieves the access control policy associated with the specified ID. If no ID is specified, retrieves a list of all access control policies.

URL: /api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{object_UUID}
DELETE accessrules

Request Type: **DELETE**

Description: Deletes an access control rule in the specified access control policy.

URL:

/api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{container_UUID}/accessrules/{object_UUID}

Permissions: Policies>Access Control>Access Control Policy>Modify Access Control Policy

PUT accessrules

Request Type: **PUT**

Description: Modifies an access control rule in the specified access control policy.

URL:

/api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{container_UUID}/accessrules/{object_UUID}

Permissions: Policies>Access Control>Access Control Policy>Modify Access Control Policy

POST accessrules

Request Type: **POST**

Description: Creates an access control rule in the specified access control policy.

URL:

/api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{container_UUID}/accessrules

Permissions: Policies>Access Control>Access Control Policy>Modify Access Control Policy

GET accessrules

Request Type: **GET**

Description: Retrieves the access control rule associated with the specified policy ID and rule ID. If no rule ID is specified, retrieves list of all access rules associated with the specified policy ID.

URL:

/api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{container_UUID}/accessrules

URL for GET by ID:

/api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{container_UUID}/accessrules/{object_UUID}

Permissions: Policies>Access Control>Access Control Policy

PUT defaultactions

Request Type: **PUT**
GET defaultactions

Description: Modifies the default action associated with the specified access control policy ID and default action ID.

URL:
/api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{container_UUID}/defaultactions/{object_UUID}

Permissions: Policies>Access Control>Access Control Policy>Modify Access Control Policy

GET filepolicies

Request Type: GET

Description: Retrieves the file policy object associated with the specified ID. If no ID is specified, retrieves list of all file policy objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/policy/filepolicies

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/policy/filepolicies/{object_UUID}

Permissions: Policies>Access Control>Access Control Policy

GET intrusionpolicies

Request Type: GET

Description: Retrieves the intrusion policy associated with the specified ID. If no ID is specified, retrieves list of all intrusion policies.

URL: /api/fmc_config/v1/domain/{domain_UUID}/policy/intrusionpolicies

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/policy/intrusionpolicies/{object_UUID}

Permissions: Policies>Access Control>Intrusion Policy

GET snmpalerts

Request Type: GET
GET syslogalerts

Request Type: GET

Description: Retrieves the syslog alert object associated with the specified ID. If no ID is specified, retrieves a list of all syslog alert objects.

URL: /api/fmc_config/v1/domain/{domain_UUID}/policy/syslogalerts

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/policy/syslogalerts/{object_UUID}

Permissions: Policies > Actions > Alerts

Policy Assignment Services

PUT policyassignments

Request Type: PUT

Description: Modifies an assigned access policy to add a new device or a new device group.

URL: /api/fmc_config/v1/domain/{domain_UUID}/assignment/policyassignments/{object_UUID}

Permissions:

POST policyassignments

Request Type: POST

Description: Assigns an unassigned access policy to devices or device groups.

URL: /api/fmc_config/v1/domain/{domain_UUID}/assignment/policyassignments

Permissions:

GET policyassignments

Request Type: GET

Description: Retrieves the policy assignment associated with the specified ID. If no ID is specified, retrieves a list of all policy assignments to target devices.

URL: /api/fmc_config/v1/domain/{domain_UUID}/assignment/policyassignments

URL for GET by ID: /api/fmc_config/v1/domain/{domain_UUID}/assignment/policyassignments/{object_UUID}
Permissions:
Parameters available for filtering: name

**Status Services**

**GET taskstatuses**

Description: Retrieves information about a previously submitted pending job/task with the specified ID. This is currently supported for device registration and deployment jobs.

URL for GET by ID: `/api/fmc_config/v1/domain/{domain_UUID}/job/taskstatuses/{object_UUID}`

Permissions: Modify Devices/Deployment

**System Information**

**GET serverversion**

Request Type: GET

Description: Requests version information for the server. If no ID is specified, retrieves a list of all servers.

URL: `/api/fmc_platform/v1/info/serverversion`

URL for GET by ID: `/api/fmc_platform/v1/info/serverversion/{objectID}`

Permissions: