Firepower Management Center REST API Quick Start Guide, Version 7.0

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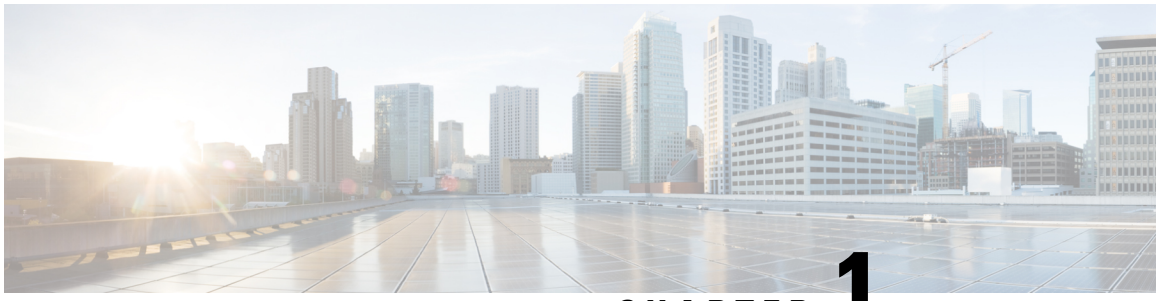

CHAPTER 1

About the FMC REST API

The FMC REST API provides a lightweight API to manage a FMC.

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- Enabling the REST API, on page 1
- Best Practices, on page 2
- Additional Resources, on page 2

About the FMC REST API

With the release of FMC REST API, you now have light-weight, easy-to-use option for managing FTD and legacy devices through a FMC.

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

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

Enabling the REST API

In FMC, 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

Step 2 Check the "Enable REST API" checkbox.

Step 3 Click "Save". A "Save Successful" dialog will display when the REST API is enabled.

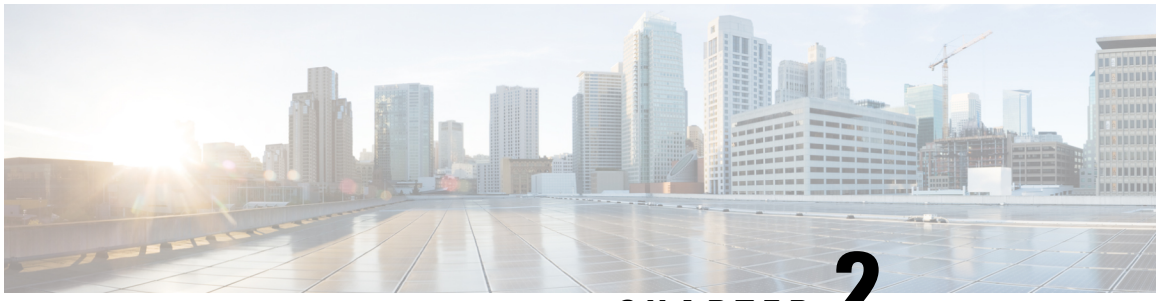
Best Practices

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 FMC and managed devices.

Additional Resources

Additional resources for the FMC REST API can be found on Cisco DevNet at https://developer.cisco.com/firepower/.



CHAPTER 2

About the API Explorer

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- Accessing the Legacy API Explorer, on page 4
- Obtaining Sample Code with CodeGen, on page 5
- Viewing API Parameters, on page 6

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 FMC, and can be accessed via the FMC at:

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

Version 6.4 uses a new API Explorer, based on the OpenAPI Specification (OAS). You can still access the legacy API Explorer if you prefer.

As part of the OAS, you now use CodeGen to generate sample code.

This explorer provides the list of APIs available on the FMC, and their details.

Authentication to the API Explorer

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

You can log into the API Explorer using any account on the FMC, 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 FMC. See the *Firepower Management Center Configuration Guide* for more information.

Before you begin

Make sure you have an account on your FMC 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 FMC 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 FMC, 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.

Accessing the Legacy API Explorer

The API Explorer has changed for 6.4.0. While the newer API Explorer retains nearly all of the previous functionality, some users may prefer the older interface.

Before you begin

Note The Legacy Explorer will be removed in future releases of FMC. Please use the Open API Specification for access to current REST API functionality in the future.

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

Log in to the API Explorer at https://<management_center_IP_or_name>:<https_port>/api/api-explorer.

In the upper right-hand corner click on `Legacy Explorer`.

What to do next

Use the Legacy API Explorer as you would normally.

Obtaining Sample Code with CodeGen

You can use the CodeGen utility on the Open API Spec to generate sample code in a number of different languages. This utility is an open-source tool you can download online. The resultant code is meant primarily as an educational and bootstrapping tool.

The CodeGen utility creates sample code for the entire Open API Spec. As such, it generates sample code for every allowed method and endpoint in the REST API. The sample code can be in a variety of languages, including HTML, Perl, Python, and Java.

For complete documentation of the CodeGen utility go to https://repo1.maven.org/maven2/io/swagger/swagger-codegen-cli/

Downloading the Open API Spec

The Open API Spec is a standardized specification of a REST API. The Open API Spec for the FMC REST API contains details about the endpoints, fields, parameters, and requirements of the API. You can use the API Spec to generate sample code as well as find specific information about API functionality.

The Open API Spec is a JSON file. It can be read by most text editors.

Before you begin

Have an account on the FMC which is able to access the API Explorer.

Make sure that your browser is able to download from sites with self-signed certificates.

Step 1 Navigate to the following URL: https://<management_center_IP_or_name>:<https_port>/api/api-explorer

Step 2 Click on `Download Spec` in the upper right corner. Depending on your browser configuration, you will either be given a prompt to save the file, or be shown the file directly.

Step 3 Save the file. Be sure to note the destination and filename.

What to do next

Run the CodeGen utility on the downloaded file.

Generating Sample Code with the CodeGen Utility

The Swagger CodeGen utility allows you to generate sample code from an Open API Spec. This sample code can be in a variety of languages including Java, HTML, Python, and Perl.

Before you begin

Download the Swagger CodeGen Utility. It can be found at https://repo1.maven.org/maven2/io/swagger/swagger-codegen-cli/

Have a Jave Runtime Environment installed on your computer

Download the FMC REST API Open API Spec

Set environment variables to allow you to run the CodeGen utility

From the command line, run the command `java -jar ./swagger-codegen-cli-<VERSION>.jar generate -o <OUTPUT_PATH> -l <LANGUAGE> -i <OPEN_API_SPEC_FILE>`

Example:

```
java -jar ./swagger-codegen-cli-2.3.1.jar generate -o C:\work\code\api_schema\html -l html -i fmc_swagger.json
```

`<VERSION>` is the specific version of the CodeGen utility you are using. It must match the filename of the CodeGen .jar file.

`<OUTPUT_PATH>` is the path to which you want to output the generated code.

`<LANGUAGE>` is the language which you want CodeGen to generate. Suggested options include `html`, `java`, `perl`, and `python`. Other options are possible, check the CodeGen documentation for the complete list of choices.

`<OPEN_API_SPEC_FILE>` is the Open API Spec file which you downloaded. This is the source from which CodeGen is generating example code. Without it, CodeGen cannot provide output.

What to do next

Find the generated code in the output path and use as desired. Generated code should be considered an example, and may not perform as desired unless modified to meet your needs.

Viewing API Parameters

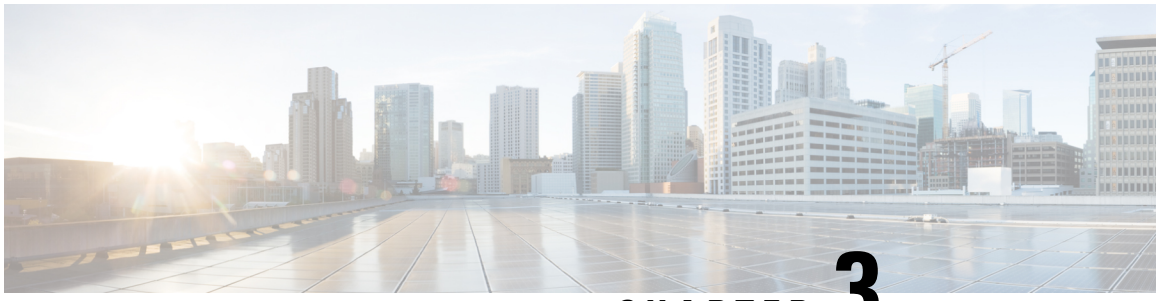
Each resource has a set of parameters and fields associated with it. You can view the parameters and fields by performing any of the supported operations for that resource within API Explorer.

Before you begin

You must have a configured FMC 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 9

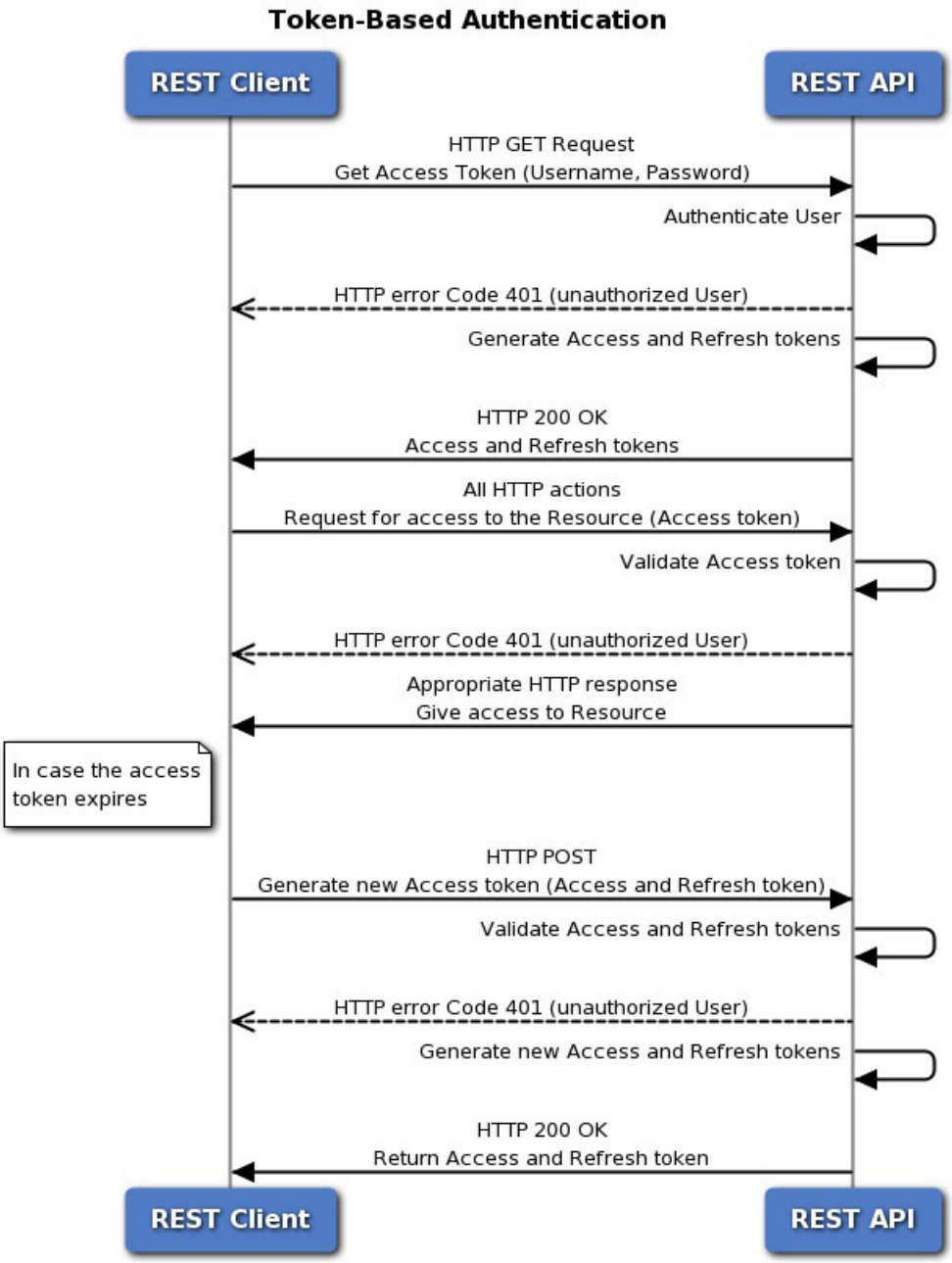
Authentication from a REST API Client

Cisco recommends that you use different accounts for interfacing with the API and the 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 FMC 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 9

Use the `Domain_UUID` from the authentication token in all REST requests to the server.

Refreshing an Authentication Token

FMC 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 FMC REST API. Ensure these tokens have been refreshed less than three times.

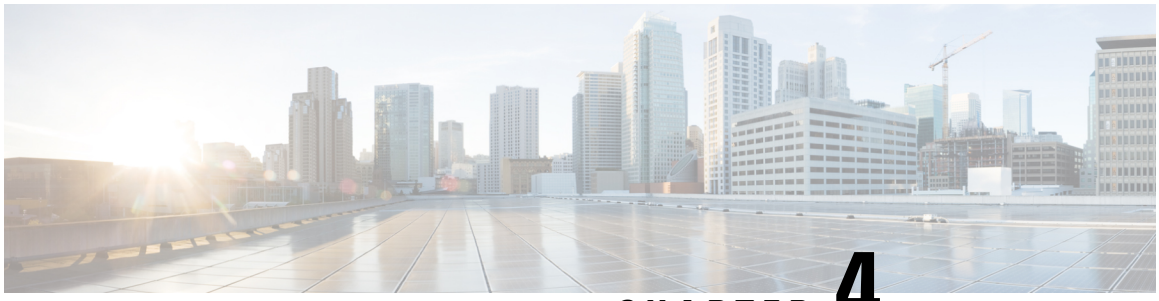
Step 1 Open your REST API Client.

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.



CHAPTER 4

Objects in the REST API

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Request Structure

Request Structure:

Requests are sent to the FMC 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_UUID`*`options`*

Where:

- `<management_center_IP_or_name>`

is the IP address or Fully Qualified Domain Name of the FMC

- `<https_port>`

  is the port number used by the FMC 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 FMC 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 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.

Bulk Rule Posting

Multiple access control rules can be added with a POST command using the bulk insert feature. This feature allows as many as 1,000 rules to be addded at once.

This feature is only available for access rules.

The URL for this feature is:

`https://{fmc_IP_or_name}:{https_port}/api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{policy_UUID}/accessrules?bulk=true`

The option:

`?bulk=true`

indicates that that multiple rules will be used in the payload of this request.

All objects in the payload of the bulk POST request must be of the same type. You cannot mix different objects in the same bulk request.

Unlike a normal POST operation, the bulk POST requires a list of JSON objects. This list may have as many as 1,000 objects or as few as one. The individual JSON objects must be enclosed in braces. Each object must be separated by commas, and the entire list is enclosed in brackets:

```
[{object}]
```

```
[{object1},{object2},{object3},{object4},{object5} …]
```

The following query parameters are supported in bulk POST requests:

- `bulk=true`

  This parameter specifies that the bulk POST feature is being used in the query. This parameter is **required** for bulk rule posting.

- `section=mandatory/default`

  This parameter specifies the section into which the rules will be added. If this parameter is not used the section will be the default section. Only `mandatory` and `default` are allowed values. If a section is specified it must exist or the request will fail. If a section is specified, a category cannot be specified.

- `category=<Name of the category>`

  This parameter specifies the category into which the rules will be added. If a category is specified it must exist or the request will fail. If a category is specified, a section cannot be specified.

- `insertAfter=<Index of rule>`

  This parameter specifies that the rules will be inserted after the specified rule index. If no section or category is specified, the rules will be added to the section or category after the insertion point.

- `insertBefore=<Index of rule>`

  This parameter specifies that the rules will be inserted before the specified rule index.If no section or category is specified, the rules will be added to the section or category before the insertion point. insertBefore takes precedence over insertAfter - if both are specified, the insertBefore parameter will apply.

When a rule or group of rules are inserted at an index which is part of either a section or a category, the category or section parameter can be used along with index to specify the insertion location of the rule(s). If an index is given along with a section or category, but the index is not in that section or category, you will receive an error.

If no index is specified, rules will be inserted after the end of the access policy. If a category or section is specified but no index is specified, rules will be inserted at the end of the category or section.

In any given POST all of the rules will be inserted at a single point. You cannot specify multiple insertion locations in a POST request.

Note Rule order affects how orders are parsed by the FMC.

Response Structure

Note 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:
- `200 200`

  – "OK". Standard response for successful requests.

- `201 201`

  – "Created". Request completed; new resource created.

- `202 202`

  – "Accepted". Request accepted, but processing not complete.

- `204 204`

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

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

- `400 400`

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

  This can indicate that the object was edited or deleted via REST API such that the corresponding policy is invalidated.

- `404 404`

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

- `405 405`

  – "Method Not Allowed". An HTTP request was presented that is not allowed on the resource; for example, a POST on a read-only resource.

- `422 422`

  – "Unprocessable Entity". The payload is too large. This will occur when you send a payload greater than 2048000 bytes.

  – The payload contains an unprocessable or unreadable entity such as a invalid attribut name or incorrect JSON syntax.

- `429 429`

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

  – Too many concurrent requests. The system cannot accept more than 10 parallel requests from all clients.

  – Too many write operations per server. The API will only allow one PUT, POST, or DELETE request per user on a server at a time.

- 5xx - A five-hundred series code indicates a server-side error.

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:

```
{
"error": {
"category": "FRAMEWORK",
"messages": [
{
```

```
 "description": "Action is mandatory to be specified."
}
 ],
"severity": "ERROR"
}
}
```

where the object properties are:

Table 1: Object Properties

Property	Type	Description
messages	List of Dictionaries	List of error or warning messages
code	String	Error/Warning/Info code
details	String	Detailed message corresponding to Error/Warning/Info

Rate Limiting

The FMC 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 2048000 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.

Object Overrides

An override defines an alternate value for an object, which the system uses for the device or domain specified. In a single request user can create multiple overrides for multiple objects using bulk operation.

When an object is overriden, the alternate values will be provided for that object when it is requested. This does not overwrite the original values, which will return if the override is removed. The override gives alternate values for all fields in the object except for the `Name` and `Description` fields.

The URL for this feature is:

```
https://:{fmc_ip_or_name}:{https_port}/api/fmc_config/v1/domain/{Domain_uuid} /object/hosts
```

Request payload to create an override for object “testhost” on domain “"Global \\ RETAIL" with the override value being "1.2.3.5":

```
{
  "type": "Host",
  "value": "1.2.3.5",
  "overrides": {
    "parent": {
      "id": <Parent UUID>
      "type": "Host"
    },
    "target": {
      "name": "Global \\ RETAIL",
      "id": <target domain UUID>,
      "type": "Domain"
    }
  },
  "overridable": true,
  "description": " ",
  "name": "testhost",
}
```

Optional:

```
?bulk=true
```

indicates the override creation for more than one object.

GET:

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/hosts/{host_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/hosts/{host_UUID}?overrideTargetId={target_UUID}`

URL for all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/hosts?overrideTargetId={target_UUID}`

Note When overridden, the parent object value will never change.

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

Users

GET authroles

Request Type: **GET**

Description: Retrieves the list of all existing user roles in the system.

URL: `/api/fmc_config/v1/domain/{domainUUID}/users/authroles`

Permissions: System > User Management

Parameters available for filtering: none

GET SSO Config

Request Type: **GET**

Description: Retrieves the Single Signon Configuration for the device.

URL: `/api/fmc_config/v1/domain/{domainUUID}/users/ssoconfigs/{objectId}`

Permissions: System > User Management > Single Sign-On

Parameters available for filtering: none

PUT SSO Config

Request Type: **PUT**

Description: Modifies the Single Signon configuration for the device.

URL: `/api/fmc_config/v1/domain/{domainUUID}/users/ssoconfigs/{objectId}`

Permissions: System > User Management > Single Sign-On

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

GET deployments

Request Type: **GET**

Description: Retrieves deployment details for device.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/deployment/deployabledevices/{containerUUID}/deployments`

Permissions: Deploy Configuration to Devices

Parameters available for filtering: startTime, endTime

GET pendingchanges

Request Type: **POST**

Description: Retrieves all the policy and object changes for the selected device.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/deployment/deployabledevices/{containerUUID}/pendingchanges`

Permissions: Deploy Configuration to Devices

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

GET jobhistories

Request Type: **GET**

Description: Retrieves the specified deployment job. If no ID is provided, retrieves all the deployment jobs.

URL: `/api/fmc_config/v1/domain/{domainUUID}/deployment/jobhistories`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/deployment/jobhistories/{objectId}`

Permissions: Deploy Configuration to Devices

Parameters available for filtering: Various filter criteria can be specified using the format
`deviceUUID:{uuid};startTime:start_time_in_secs;endTime:end_time_in_secs;rollbackApplicable:true_or_false`

POST rollbackrequests

Request Type: **POST**

Description: Creates a request for rollback configuration to devices.

URL: `/api/fmc_config/v1/domain/{domainUUID}/deployment/rollbackrequest`

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 Clusters

GET ftddevicecluster

Request Type: **GET**

Description: Retrieves or modifies the FTD Cluster record associated with the specified ID. If no ID is specified for a GET, retrieves list of all FTD Clusters.

URL: `/api/fmc_config/v1/domain/{domainUUID}/deviceclusters/ftddevicecluster/`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/deviceclusters/ftddevicecluster/{objectId}`

Permissions: Devices > Device Management > View Devices

Device HA Pair Services

DELETE ftddevicehapair

Request Type: **DELETE**

Description: Deletes a device high availability pair with the specified object ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs/{object_UUID}`

Permissions: Devices > Device Management > Modify Devices

Note Run the *configure high-availability disable* command to remove the failover configurations from FTD devices.

PUT ftddevicehapair

Request Type: **PUT**

Description: Sets any one of the following actions for the FTD high availability device:

- Sets the failover trigger criteria for the device
- Switches states within the device
- Breaks or force-breaks the device

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs/{ha_container_UUID}`

Permissions: Devices > Device Management > Modify Devices

POST ftddevicehapairs

Request Type: **POST**

Description: Creates a high availability device pair with the specified primary and secondary object IDs. Do not perform the POST operation for more than one high availability pair at a time. Ensure that the current POST operation is completed successfully before proceeding to the next POST operation.

Note Typically, the first POST operation responds within 60 seconds. Cisco recommends that you perform subsequent POST operations at least 120 seconds after the first POST operation was initiated. The response of the POST operation includes a task object, with a task ID and task status. You can monitor the completion of the task by performing a GET operation on the task object with its task ID. For more information, see GET taskstatuses, on page 119.

URL:`/api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs`

Permissions: Devices > Device Management > Modify Devices

GET ftddevicehapairs

Request Type: **GET**

Description: Retrieves the details associated with the specified high availability container ID. If no ID is specified, retrieves a list of all high availability container objects.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs/{ha_container_UUID}`

Permissions: Devices > Device Management > Modify Devices

DELETE failoverinterfacemacaddressconfigs

Request Type: **DELETE**

Description: Deletes the FTD high availability failover policy interface MAC addresses record associated with the specified FTD high availability pair.

URL:

```
/api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs/
{hacontainer_UUID}/failoverinterfacemacaddressconfigs
```

Permissions: Devices > Device Management > Modify Devices

GET failoverinterfacemacaddressconfigs

Request Type: **GET**

Description: Retrieves the FTD high availability failover policy interface MAC addresses record associated with the specified FTD HA pair. If no ID is specified for a GET, it retrieves the list of all FTD high availability failover policy interface MAC addresses records.

URL:

```
/api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs/
{hacontainer_UUID}/failoverinterfacemacaddressconfigs
```

URL for GET by ID :

```
 /api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs/
{hacontainer_UUID}/failoverinterfacemacaddressconfigs/{object_UUID}
```

Permissions: Devices > Device Management

POST failoverinterfacemacaddressconfigs

Request Type: **POST**

Description: Creates the FTD high availability failover policy interface MAC addresses record associated with the specified FTD high availability pair.

URL:

```
/api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs/
{hacontainer_UUID}/failoverinterfacemacaddressconfigs
```

Permissions: Devices > Device Management > Modify Devices

PUT failoverinterfacemacaddressconfigs

Request Type: **PUT**

Description: Modifies the FTD high availability failover policy interface MAC addresses record associated with the specified FTD high availability pair.

URL:

```
/api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs/
{hacontainer_UUID}/failoverinterfacemacaddressconfigs/{object_UUID}
```

Permissions: Devices > Device Management > Modify Devices

GET monitoredinterfaces

Request Type: **GET**

Description: Retrieves the FTD high availability Monitored interface policy record associated with the specified FTD HA pair. If no ID is specified for a GET, it retrieves the list of all FTD high availability monitored interface policy records.

URL:

```
/api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs/
{hacontainer_UUID}/monitoredinterfaces
```

URL for GET by ID :

```
/api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs/
{hacontainer_UUID}/monitoredinterfaces/{object_UUID}
```

Permissions: Devices > Device Management

PUT monitoredinterfaces

Request Type: **PUT**

Description: Modifies the FTD high availability Monitored interface policy record associated with the specified FTD high availability pair.

URL:

```
/api/fmc_config/v1/domain/{domain_UUID}/devicehapairs/ftddevicehapairs/
{hacontainer_UUID}/monitoredinterfaces
```

Permissions: Devices > Device Management > Modify Devices

Health Services

GET Health Alerts

Request Type: **GET**

Description: Retrieves health alerts.

URL: `/api/fmc_config/v1/domain/{domainUUID}/health/alerts`

Permissions: System > Health > Health Events

Parameters available for filtering: startTime, endTime, deviceUUIDs, status, moduleIDs

GET Health Metrics

Request Type: **GET**

Description: Retrieves health monitor metrics for the device.

URL: `/api/fmc_config/v1/domain/{domainUUID}/health/metrics`

Permissions: System > Health > Health Events

Parameters available for filtering: deviceUUIDs, metric, startTime, endTime, step, regexFilter, queryFunction

Device Services

POST copyconfigrequests

Request Type: **POST**

Description: Copies device configuration to the specified FTD device.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/devices/copyconfigrequests`

Permissions: Devices > Device Management > Modify Devices

GET bgp routing

Request Type: **GET**

Description: Retrieves list of all BGP (ipv4 and ipv6) associated with the specified device for specified vrf. If no device is specified, retrieves list of all BGP.

URL: `/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/bgp`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/bgp/{objectId}`

Permissions: Devices > Device Management

DELETE devicerecords

Request Type: **DELETE**

Description: Unregisters the specified device.

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

Permissions: Devices > Device Management > Modify Devices

PUT devicerecords

Request Type: **PUT**

Description: Modifies the device record associated with the specified ID.

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 FMC.

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 specificed 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**

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

DELETE fplogicalinterfaces

Request Type: **DELETE**

Description: Deletes logical interfaces on the specified device.

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

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

Permissions: Devices > Device Management

Parameters available for filtering: name

DELETE inlinesets

Request Type: **DELETE**

Description: Deletes inline sets on the specified device.

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

GET Metrics

Request Type: **GET**

Description: Retrieves HealthMonitor metrics for the device.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/operational/metrics`

Permissions: Devices > Device Management

Parameters available for filtering: metric

GET staticroutes

Request Type: **GET**

Description: Retrieves the static route associated with the specified NGFW device ID and interface ID. If no interface ID is specified, retrieves list of all static routes associated with the specified NGFW device ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/staticroute`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/staticroutes/{objectId}`

Permissions: Devices > Device Management

GET virtualrouters

Request Type: **GET**

Description: Retrieves the the virtual router with the specified ID. If no ID is specified, retrieves list of all virtual routers.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{objectId}`

Permissions: Devices > Device Management

PUT virtual routers

Request Type: **PUT**

Description: Modifies a virtual router on the specified device.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{objectId}`

Permissions: Devices > Device Management > Modify Device

POST virtual routers

Request Type: **POST**

Description: Creates virtual routers associated with the specified container.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters`

Permissions: Devices > Device Management > Modify Device

DELETE virtual routers

Request Type: **DELETE**

Description: Deletes the specified virtual router.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{objectId}`

Permissions: Devices > Device Management > Modify Device

GET virtual BGP

Request Type: **GET**

Description: Retrieves specified BGP (ipv4 and ipv6) on the specified virtual router. If no ID is specified, retrieves list of all BGP on the virtual router.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ipv6staticroutes`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ipv6staticroutes/{objectId}`

Permissions: Devices > Device Management

GET virtual ipv4staticroutes

Request Type: **GET**

Description: Retrieves specified IPv4 static route on the specified virtual router. If no ID is specified, retrieves list of all IPv4 static routes on the virtual router.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ipv4staticroutes`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ipv4staticroutes/{objectId}`

Note The methods and payload are same as for static route endpoints. If there is a route leak, a warning is returned with response code 400. However, if you make the REST call with query parameter ignoreWarning=true, the warning is ignored. This behavior is applicable with Global VRF static route as well.

Permissions: Devices > Device Management

PUT virtual ipv4 static routes

Request Type: **PUT**

Description: Modifies an IPv4 static route on the specified device.

URL:

`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ipv4staticroutes/{objectId}`

Note The methods and payload are same as for static route endpoints. If there is a route leak, a warning is returned with response code 400. However, if you make the REST call with query parameter ignoreWarning=true, the warning is ignored. This behavior is applicable with Global VRF static route as well.

Permissions: Devices > Device Management > Modify Device

POST virtual ipv4 static routes

Request Type: **POST**

Description: Creates IPv4 static routes associated with the specified virtual router.

URL:

`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ipv4staticroutes`

Note For static routes (IPv4), the methods and payload are same as for static route endpoints. If there is a route leak, a warning is returned with response code 400. However, if you make the REST call with query parameter ignoreWarning=true, the warning is ignored. This behavior is applicable with Global VRF static route as well.

Permissions: Devices > Device Management > Modify Device

DELETE virtual ipv4 static routes

Request Type: **DELETE**

Description: Deletes the specified IPv4 static route.

URL:

`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ipv4staticroutes/{objectId}`

Note The methods and payload are same as for static route endpoints. If there is a route leak, a warning is returned with response code 400. However, if you make the REST call with query parameter ignoreWarning=true, the warning is ignored. This behavior is applicable with Global VRF static route as well.

Permissions: Devices > Device Management > Modify Device

GET virtual ipv6staticroutes

Request Type: **GET**

Description: Retrieves specified IPv6 static route on the specified virtual router. If no ID is specified, retrieves list of all IPv6 static routes on the virtual router.

URL:

```
/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ipv6staticroutes
```

URL for GET by ID:

```
/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ipv6staticroutes/{objectId}
```

Note The methods and payload are same as for static route endpoints. If there is a route leak, a warning is returned with response code 400. However, if you make the REST call with query parameter ignoreWarning=true, the warning is ignored. This behavior is applicable with Global VRF static route as well.

Permissions: Devices > Device Management

PUT virtual ipv6 static routes

Request Type: **PUT**

Description: Modifies a bridge group interface on the specified device.

URL:

```
/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ipv6staticroutes/{objectId}
```

Note The methods and payload are same as for static route endpoints. If there is a route leak, a warning is returned with response code 400. However, if you make the REST call with query parameter ignoreWarning=true, the warning is ignored. This behavior is applicable with Global VRF static route as well.

Permissions: Devices > Device Management > Modify Device

POST virtual ipv6 static routes

Request Type: **POST**

Description: Creates IPv6 static routes associated with the specified virtual router.

URL:
/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ipv6staticroutes

Note The methods and payload are same as for static route endpoints. If there is a route leak, a warning is returned with response code 400. However, if you make the REST call with query parameter ignoreWarning=true, the warning is ignored. This behavior is applicable with Global VRF static route as well.

Permissions: Devices > Device Management > Modify Device

DELETE virtual ipv6 static routes

Request Type: **DELETE**

Description: Deletes the specified IPv6 static route.

URL:
/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ipv6staticroutes/{objectId}

Note The methods and payload are same as for static route endpoints. If there is a route leak, a warning is returned with response code 400. However, if you make the REST call with query parameter ignoreWarning=true, the warning is ignored. This behavior is applicable with Global VRF static route as well.

Permissions: Devices > Device Management > Modify Device

GET virtual ospf interface

Request Type: **GET**

Description: Retrieves specified OSPF interface associated with the specified virtual router. If no ID is specified, retrieves list of all OSPF interfaces associated with the specified virtual router.

URL:
/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ospfinterface

URL for GET by ID:
/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ospfinterface/{objectId}

Permissions: Devices > Device Management

GET virtual ospfv2 routes

Request Type: **GET**

Description: Retrieves specified OSPFV2 process associated with the specified virtual router. If no ID is specified, retrieves list of all OSPF v2 process associated with the specified virtual router.

URL:
/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ospfv2routes

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ospfv2routes/{objectId}`

Permissions: Devices > Device Management

GET virtual static routes

Request Type: **GET**

Description: Retrieves specified static routes (ipv4 and ipv6) associated with the specified virtual router. If no ID is specified, retrieves list of all Static routes (ipv4 and ipv6) associated with the specified virtual router.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/staticroutes`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/staticroutes/{objectId}`

Permissions: Devices > Device Management

DELETE ipv4staticroutes

Request Type: **DELETE**

Description: Deletes the IPv4 Static Route associated with the specified ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ipv4staticroutes/{object_UUID}`

Permissions: Devices > Devices Management > Modify Devices

PUT ipv4staticroutes

Request Type: **PUT**

Description: Modifies the IPv4 Static Route associated with the specified ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ipv4staticroutes/{object_UUID}`

Permissions: Devices > Devices Management > Modify Devices

POST ipv4staticroutes

Request Type: **POST**

Description: Creates an IPv4 Static Route.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ipv4staticroutes`

Permissions: Devices > Device Management > Modify Devices

GET ipv4staticroutes

Request Type: **GET**

Description: Retrieves the IPv4 Static Route associated with the specified ID. If no ID is specified, retrieves list of all IPv4 Static Routes.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ipv4staticroutes`

URL for GET ID::
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ipv4staticroutes/{object_UUID}`

Permissions: Devices > Devices Management

DELETE ipv6staticroutes

Request Type: **DELETE**

Description: Deletes the IPv6 Static Route associated with the specified ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ipv6staticroutes/{object_UUID}`

Permissions: Devices > Device Management > Modify Devices

PUT ipv6staticroutes

Request Type: **PUT**

Description: Modifies the IPv6 Static Route associated with the specified ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ipv6staticroutes/{object_UUID}`

Permissions: Devices > Device Management > Modify Devices

POST ipv6staticroutes

Request Type: **POST**

Description: Creates an IPv6 Static Route.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ipv6staticroutes`

Permissions: Devices > Device Management > Modify Devices

GET ipv6staticroutes

Request Type: **GET**

Description: Retrieves the IPv6 Static Route associated with the specified ID. If no ID is specified, retrieves list of all IPv6 Static Routes.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ipv6staticroutes`

URL for GET ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ipv6staticroutes/{object_UUID}`

Permissions: Devices > Device Management

GET ospf interface

Request Type: **GET**

Description: Retrieves the OSPF interface associated with the specified NGFW device ID and interface ID. If no interface ID is specified, retrieves list of all OSPF interfaces associated with the specified NGFW device ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ospfinterface`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/ospfinterface/{objectId}`

Permissions: Devices > Device Management

GET ospfv2routes

Request Type: **GET**

Description: Retrieves OSPF V2 routes associated with the specified ID. If no ID is specified, retrieves list of all OSPF v2 routes.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ospfv2routes`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ospfv2routes/{objectId}`

Permissions: Devices > Device Management

GET ospfv3interfaces

Request Type: **GET**

Description: Retrieves OSPF v3 interface associated with the specified ID. If no ID is specified, retrieves a lit of all OSPF v3 interfaces.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ospfv3interfaces`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ospfv3interfaces/{objectId}`

Permissions: Devices > Device Management

GET ospfv3routes

Request Type: **GET**

Description: Retrieves the OSPfv3 process associated with the specified ID. If no ID is specified, retrieves list of all OSPFv3 processes.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ospfv3routes`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/ospfv3routes/{objectID}`

Permissions: Devices > Device Management

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/{containerUUID}/virtualswitches`

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

Permissions: Devices > Device Management

Parameters available for filtering: name

GET Virtual Tunnel Interfaces

Request Type: **GET**

Description: Retrieves the virtual tunnel interface associated with the specified NGFW device ID and interface ID. If no interface ID is specified, retrieves list of all virtual tunnel interfaces associated with the specified NGFW device ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/virtualtunnelinterfaces`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/virtualtunnelinterfaces/{objectId}`

Permissions: Devices > VPN

Parameters available for filtering: none

PUT Virtual Tunnel Interfaces

Request Type: **PUT**

Description: modifies the virtual tunnel interface associated with the specified NGFW device ID and/or interface ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/virtualtunnelinterfaces/{objectId}`

Permissions: Devices > VPN > Modify VPN

POST Virtual Tunnel Interfaces

Request Type: **POST**

Description: Creates a virtual tunnel interface on the NGFW device.

URL: `/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/virtualtunnelinterfaces`

Permissions: Devices > VPN > Modify VPN

DELETE Virtual Tunnel Interfaces

Request Type: **DELETE**

Description: Deletes the virtual tunnel interface associated with the specified NGFW device ID and interface ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/virtualtunnelinterfaces/{objectId}`

Permissions: Devices > VPN > Modify VPN

DELETE vlaninterfaces

Request Type: **DELETE**

Description: Deletes the vlan interface associated with the specified NGFW device ID and interface ID.

This method is only available on a Firepower 1010 device.

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

Permissions: Devices > VPN > Modify VPN

PUT vlaninterfaces

Request Type: **PUT**

Description: Modifies the vlan interface associated with the specified NGFW device ID and interface ID.

This method is only available on a Firepower 1010 device.

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

Permissions: Devices > VPN > Modify VPN

POST vlaninterfaces

Request Type: **POST**

Description: Creates a vlan interface on the NGFW device.

This method is only available on a Firepower 1010 device.

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

Permissions: Devices > VPN > Modify VPN

GET vlaninterfaces

Request Type: **GET**

Description: Retrieves the vlan interface associated with the specified NGFW device ID and interface ID. If no interface ID is specified, retrieves list of all vlan interfaces associated with the specified NGFW device ID.

This method is only available on a Firepower 1010 device.

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

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

Permissions: Devices > VPN

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

PUT physicalinterfaces

Request Type: **PUT**

Description: Modifies physical interfaces on a specified device.

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

Permissions: Devices > Device Management > Modify Device

GET physicalinterfaces

Request Type: **GET**

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

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

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

Permissions: Devices > Device Management

GET bridgegroupinterfaces

Request Type: **GET**

Description: Retrieves the bridge group interface associated with the specified NGFW device ID and interface ID. If no interface ID is specified, retrieves list of all bridge group interfaces associated with the specified NGFW device ID.

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

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

Permissions: Devices > Device Management

POST bridgegroupinterfaces

Request Type: **POST**

Description: Creates bridge group interfaces associated with the specified NGFW device ID and interface ID.

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

Permissions: Devices > Device Management > Modify Device

PUT bridgegroupinterfaces

Request Type: **PUT**

Description: Modifies a bridge group interface on the specified device.

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

Permissions: Devices > Device Management > Modify Device

DELETE bridgegroupinterfaces

Request Type: **DELETE**

Description: Deletes a bridge group interface associated with the specified NGFW device ID and interface ID.

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

Permissions: Devices > Device Management > Modify Device

GET redundantinterfaces

Request Type: **GET**

Description: Retrieves the redundant interface associated with the specified NGFW device ID and interface ID. If no interface ID is specified, retrieves list of all redundant interfaces associated with the specified NGFW device ID.

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

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

Permissions: Devices > Device Management

POST redundantinterfaces

Request Type: **POST**

Description: Creates redundant interfaces on a specified device.

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

Permissions: Devices > Device Management

PUT redundantinterfaces

Request Type: **PUT**

Description: Modifies redundant interfaces on a specified device.

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

Permissions: Devices > Device Management > Modify Device

DELETE redundantinterfaces

Request Type: **DELETE**

Description: Removes redundant interfaces on a specified device.

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

Permissions: Devices > Device Management

GET bgp routing

Request Type: **GET**

Description: Retrieves list of all BGP (ipv4 and ipv6) associated with the specified device for specified vrf. If no device is specified, retrieves list of all BGP.

URL: `/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/bgp`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/bgp/{objectId}`

Permissions: Devices > Device Management

GET bgp general settings

Request Type: **GET**

Description: Retrieves BGP general settings associated with the specified device. If no device is specified, retrieves list of all BGP general settings.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/bgpgeneralsettings`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/bgpgeneralsettings/{objectId}`

Permissions: Devices > Device Management

GET etherchannelinterfaces

Request Type: **GET**

Description: Retrieves the ethernet channel interface associated with the specified NGFW device ID and interface ID. If no ID is specified, retrieves list of all ethernet channel interfaces associated with the specified NGFW device ID.

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

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

Permissions: Devices > Device Management

Parameters available for filtering:

POST etherchannelinterfaces

Request Type: **POST**

Description: Creates ethernet channel interfaces on the specified device.

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

Permissions: Devices > Device Management > Modify Device

PUT etherchannelinterfaces

Request Type: **PUT**

Description: Modifies an ethernet channel interfaces on the specified device.

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

Permissions: Devices > Device Management > Modify Device

DELETE etherchannelinterfaces

Request Type: **DELETE**

Description: Removes ethernet channel interfaces from a specified device.

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

Permissions: Devices > Device Management

GET subinterfaces

Request Type: **GET**

Description: Retrieves the sub-interface associated with the specified NGFW device ID and interface ID. If no interface ID is specified, retrieves list of all sub-interfaces associated with the specified NGFW device ID.

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

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

Permissions: Devices > Device Management

POST subinterfaces

Request Type: **POST**

Description: Creates sub interfaces on a specified device.

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

Permissions: Devices > Device Management

PUT subinterfaces

Request Type: **PUT**

Description: Modifies a sub interface on the specified device.

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

Permissions: Devices > Device Management > Modify Device

DELETE subinterfaces

Request Type: **DELETE**

Description: Deletes sub interfaces on a specified device.

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

Permissions: Devices > Device Management

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

POST interfaceevents

Request Type: **POST**

Description: Creates netmod events on the specified device.

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

Permissions: Devices > Device Management > Modify Device

GET interfaceevents

Request Type: **GET**

Description: Retrieves list of all netmod events on the device.

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

Permissions: Devices > Device Management

GET commands

Request Type: **GET**

Description: Retrieves the list of all command line interface commands available on the device. If a command is specified in the payload, retries the output of that command.

The below table lists the commands which can be used with the `commands` service. Some commands are only allowed with certain parameters, or specific parameters may not be allowed, as specificed in the **Blocked** column.

Command	Blocked
`show version`	
`show failover`	
`show dhcpd`	`show dhcpd binding, show dhcpd statistics`
`show ip`	
`show aaa-server`	
`show logging`	`show logging asdm, show logging queue`
`show snmp-server`	
`show running-config {any}`	`show running-config {no parameters}`
`show ssl`	
`show firewall`	
`show logging`	
`show network`	
`show ntp`	
`show banner`	

URL:
`/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/operational/commands`

Permissions: Devices > Device Management

Intelligence Services

POST collections

Request Type: **POST**

Description: Adds a collections from a TAXII source.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/taxiiconfig/collections`

Permissions: Intelligence

POST discoveryinfo

Request Type: **POST**

Description: Adds information about TAXII collections available from a source.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/taxiiconfig/discoveryinfo`

Permissions: Intelligence

GET element

Request Type: **GET**

Description: Retrieves the intelligence-enabled sensor associated with the specified ID. If no ID is specified, retrieves list of all intelligence-enabled sensors.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/element`

URL for GET by ID: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/element/{object_UUID}`

Permissions: Intelligence

DELETE incident

Request Type: **DELETE**

Description: Deletes an incident.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/taxiiconfig/incident/{object_UUID}`

Permissions: Intelligence

PUT incident

Request Type: **PUT**

Description: Modifies an intelligence incident with the specified object ID.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/incident/{object_UUID}`

Permissions: Intelligence

GET incident

Request Type: **GET**

Description: Retrieves the intelligence incident associated with the specified ID. If no ID is specified, retrieves list of all intelligence incidents. By default 25 results will be displayed on each page, this can be increased up to 40 using the `limit` parameter.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/incident`

URL for GET by ID: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/incident/{object_UUID}`

Permissions: Intelligence

PUT indicator

Request Type: **PUT**

Description: Modifies an indicator with the specified object ID.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/indicator/{object_UUID}`

Permissions: Intelligence

GET indicator

Request Type: **GET**

Description: Retrieves the indicator associated with the specified ID. If no ID is specified, retrieves list of all indicators. By default 25 results will be displayed on each page, this can be increased up to 40 using the `limit` parameter.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/indicator`

URL for GET by ID: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/indicator/{object_UUID}`

Permissions: Intelligence

PUT observable

Request Type: **PUT**

Description: Modifies an observable with the specified object ID.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/observable/{object_UUID}`

Permissions: Intelligence

GET observable

Request Type: **GET**

Description: Retrieves the observable associated with the specified ID. If no ID is specified, retrieves list of all observables. By default 25 results will be displayed on each page, this can be increased up to 40 using the `limit` parameter.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/observable`

URL for GET by ID: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/observable/{object_UUID}`

Permissions: Intelligence

PUT settings

Request Type: **PUT**

Description: Activates or deactivates an intelligence setting.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/settings/{value}`

Permissions: Intelligence

GET settings

Request Type: **GET**

Description: Retrieves the on/off settings for the specified value. If no ID is specified, retrieves list of all TID settings.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/settings`

URL for GET by value: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/settings/{value}`

Permissions: Intelligence

DELETE source

Request Type: **DELETE**

Description: Deletes an intelligence source from the device.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/taxiiconfig/source/{object_UUID}`

Permissions: Intelligence

PUT source

Request Type: **PUT**

Description: Modifies an intelligence source with the specified object ID.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/source/{object_UUID}`

Permissions: Intelligence

POST source

Request Type: **POST**

Description: Adds a source for intelligence information.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/source`

Permissions: Intelligence

GET source

Request Type: **GET**

Description: Retrieves the intelligence source associated with the specified ID. If no ID is specified, retrieves list of all intelligence sources. By default 25 results will be displayed on each page, this can be increased up to 40 using the `limit` parameter.

URL: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/source`

URL for GET by ID: `/api/fmc_tid/v1/domain/{domain_UUID}/tid/source/{object_UUID}`

Permissions: Intelligence

Search

GET globalsearch

Request Type: **GET**

Description: Search for objects and policies matching specified text or IP address.

URL: `/api/fmc_config/v1/domain/{domainUUID}/search/globalsearch`

Permissions: Analysis > Search

Parameters available for filtering: Text or IP address used for filtering.

GET objectsearch

Request Type: **GET**

Description: Search for objects matching specified text or IP address.

URL: `/api/fmc_config/v1/domain/{domainUUID}/search/object`

Permissions: Analysis > Search

Parameters available for filtering: Text or IP address used for filtering.

GET policysearch

Request Type: **GET**

Description: Search for policies matching specified text or IP address (literal values in policies).

URL: `/api/fmc_config/v1/domain/{domainUUID}/search/policy`

Permissions: Analysis > Search

Parameters available for filtering: Text or IP address used for filtering.

Integration Services

PUT cloudeventsconfigs

Request Type: **PUT**

Description: Modifies the cloud event configuration associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/integration/cloudeventsconfigs/{objectId}`

Permissions: Object Manager > Modify Object Manager

GET cloudeventsconfigs

Request Type: **GET**

Description: Retrieves the cloud event configuration associated with the specified ID. If no ID is specified for a GET, retrieves a list of all cloud event configuration objects.

URL for listing: `/api/fmc_config/v1/domain/{domainUUID}/integration/cloudeventsconfigs`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/integration/cloudeventsconfigs/{objectId}`

Permissions: Object Manager

PUT cloudregions

Request Type: **PUT**

Description: Modifies the cloud region configuration associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/integration/cloudregions/{object_UUID}`

Permissions: System > Integration > Cloud Services

GET cloudregions

Request Type: **GET**

Description: Retrieves the cloud region configuration associated with the specified ID. If no ID is specified for a GET, retrieves list of all cloud regions.

URL for listing: `/api/fmc_config/v1/domain/{domain_UUID}/integration/cloudregions/`

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

Permissions: System > Integration > Cloud Services

DELETE externallookups

DELETE externallookups

Description: Deletes the external lookup objects with the specified UUID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/integration/externallookups/{object_UUID}`

Permissions: Object Manager>Modify Object Manager

PUT externallookups

Request Type: **PUT**

Description: Modifies externallookups objects.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/integration/externallookups/{object_UUID}`

Permissions: Object Manager>Modify Object Manager

POST externallookups

POST externallookups

Description: Creates externallookups objects with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/integration/externallookups`

Permissions: Object Manager>Modify Object Manager

GET externallookups

GET externallookups

Retrieves the externallookups object associated with the specified ID. If no ID, retrieves list of all externallookups objects.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/integration/externallookups`

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

Permissions: Object Manager>Modify Object Manager

Parameters available for filtering:

DELETE packetanalyzerdevices

Request Type: **DELETE**

Description: Deletes the packet analyzer object with the specified UUID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/integration/packetanalyzerdevices/{object_UUID}`

Permissions: Object Manager>Modify Object Manager

PUT packetanalyzerdevices

Request Type: **PUT**

Description: Modifies the packet analyzer object with the specified UUID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/integration/packetanalyzerdevices/{object_UUID}`

Permissions: Object Manager>Modify Object Manager

POST packetanalyzerdevices

Request Type: **POST**

Description: Creates PKI enrollments objectswith the specified parameters.

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

Permissions: Object Manager

GET packetanlyzerdevices

Request Type: **GET**

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

URL: `/api/fmc_config/v1/domain/{domain_UUID}/integration/packetanalyzerdevices`

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

Permissions: Object Manager>Modify Object Manager

Parameters available for filtering:

GET External Storage

Request Type: **GET**

Description: Retrieves the external event storage configuration associated with the specified ID. If no ID is specified for a GET, retrieves a list of all external event storage configurations.

URL for listing: `/api/fmc_config/v1/domain/{domainUUID}/integration/externalstorage`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/integration/externalstorage/{objectId}`

Permissions: System > Integration

Parameters available for filtering: None

PUT External Storage

Request Type: **PUT**

Description: Modifies the external event storage configuration associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/integration/externalstorage/{objectId}`

Permissions: System > Integration

GET FMC HA Statuses

Request Type: **GET**

Description: Retrieves FMC HA Statuses.

URL: `/api/fmc_config/v1/domain/{domainUUID}/integration/fmchastatuses`

Permissions: System>Integration>High Availability

GET SecureX Configs

Request Type: **GET**

Description: Retrieves the SecureX configuration associated with the specified ID. If no ID is specified for a GET, retrieves list of all SecureX configurations.

URL: `/api/fmc_config/v1/domain/{domainUUID}/integration/securexconfigs`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/integration/securexconfigs/{objectId}`

Permissions: System>SecureX

PUT SecureX Configs

Request Type: **PUT**

Description: Modifies the SecureX configuration associated with the specified ID

URL: `/api/fmc_config/v1/domain/{domainUUID}/integration/securexconfigs/{objectId}`

Permissions: System>SecureX

Object Services

GET AnyConnect Custom Attributes

Request Type: **GET**

Description: Retrieves the AnyConnect Custom Attribute associated with the specified ID. If no ID is specified for a GET, retrieves list of all AnyConnect Custom Attribute objects.

URL for listing: `/api/fmc_config/v1/domain/{domainUUID}/object/anyconnectcustomattributes`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/object/anyconnectcustomattributes/{objectId}`

URL to list all overrides:

`/api/fmc_config/v1/domain/{domainUUID}/object/anyconnectcustomattributes/{containerUUID}/override`

Permissions: Object Manager

Parameters available for filtering: To be used in conjunction with `"unusedOnly:true"` to search for unused objects and `"nameOrValue:{nameOrValue}"` to search for both name and value

GET AnyConnect Packages

Request Type: **GET**

Description: Retrieves the AnyConnect Package associated with the specified ID. If no ID is specified for a GET, retrieves list of all AnyConnect Package objects..

URL for listing: `/api/fmc_config/v1/domain/{domainUUID}/object/anyconnectpackages`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/anyconnectpackages/{objectId}`

Permissions: Object Manager

GET AnyConnect Profiles

Request Type: **GET**

Description: Retrieves the AnyConnect Profile associated with the specified ID. If no ID is specified for a GET, retrieves list of all AnyConnect Profile objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/anyconnectprofiles`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/anyconnectprofiles/{objectId`

Permissions: Object Manager

Parameters available for filter: To be used in conjunction with `"unusedOnly:true"` to search for unused objects and `"nameOrValue:{nameOrValue}"` to search for both name and value.

Parameters available for filter: To be used in conjunction with `"unusedOnly:true"` to search for unused objects and `"nameOrValue:{nameOrValue}"` to search for both name and value.

GET anyprotocolportobjects

Request Type: **GET**

Description: Retrieves the any protocol port object associated with the specified ID. If no ID is specified, retrieves list of all protocol port objects with the protocol set to All.

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

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

Permissions: Object Manager

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

PUT applicationfilters

Request Type: **PUT**

Description: Modifies the application filter object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/applicationfilters/{objectId}`

Permissions: Object Manager > Modify Object Manager > Modify Object Manager

POST applicationfilters

Request Type: **POST**

Description: Creates or overrides the application filter object with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/applicationfilters`

Permissions: Object Manager > Modify Object Manager > Modify Object Manager

DELETE applicationfilters

Request Type: **DELETE**

Description: Deletes the application filter object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/applicationfilters/{objectId}`

Permissions: Object Manager > Modify Object Manager > Modify 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**

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

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

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

Permissions: Object Manager

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 aspathlists

Request Type: **GET**

Description: Retrieves the autonoous system path list associated with the specified ID. If no ID is specified, retrieves list of all autonomous system paths.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/aspathlists`

URL for GET by ID: /api/fmc_config/v1/domain/{domainUUID}/object/aspathlists/{objectId}

Permissions: Object Manager

GET certenrollments

Request Type: **GET**

Description: Retrieves the PKI enrollments object associated with the specified ID. If no ID is specified for a GET, retrieves list of all PKI enrollment objects.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/devicegroups/certenrollments`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domain_UUID}/devicegroups/certenrollments/{parent_object_UUID}`

Permissions: Devices > Device Management > View Devices

GET communitylists

Request Type: **GET**

Description: Retrieves the community list associated with the specified ID. If no ID is specified, retrieves all community lists.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/communitylists`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/communitylists/{objectId}`

Permissions: Object Manager

GET Certificate Maps

Request Type: **GET**

Description: Retrieves the Certificate Map associated with the specified ID. If no ID is specified for a GET, retrieves list of all Certificate Map objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/certificatemaps`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/certificatemaps/{objectId}`

Permissions: Devices > Certificates

Parameters available for filtering: To be used in conjunction with `"unusedOnly:true"` to search for unused objects and `"nameOrValue:{nameOrValue}"` to search for both name and value.

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.

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

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

Permissions: Object Manager

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

DELETE dnsservergroups

Request Type: **DELETE**

Description: Deletes a DNS server group with the specified object ID.

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

Permissions: Devices > Device Management > Modify Devices

PUT dnsservergroups

Request Type: **PUT**

Description: Modifies a DNS server group with the specified object ID.

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

Permissions: Devices > Device Management > Modify Devices

POST dnsservergroups

Request Type: **POST**

Description: Creates a DNS server group group with the specified object ID.

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

Permissions: Devices > Device Management > Modify Devices

GET dnsservergroups

Request Type: **GET**

Description: Retrieves the DNS server group associated with the specified ID. If no ID is specified, retrieves list of all dns server groups.

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

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

Description: Retrieves all(Domain and Device) overrides on a ICMPV4 object.Response will always be in expanded form. If passed, the "expanded" query parameter will be ignored.

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domainUUID}/object/dnsservergroups/{containerUUID}/overrides/{objectId}`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domainUUID}/object/dnsservergroups/{containerUUID}/overrides`

Permissions: Devices > Device Management > View Devices

POST dynamicobjectmappings

Request Type: **POST**

Description: Adds Dynamic Object Mappings for specific Dynamic Objects

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/dynamicobjectmappings`

Permissions: Object Manager > Modify Object Manager

DELETE dynamicobjectmappings

Request Type: **DELETE**

Description: Removes Dynamic Object Mappings for specific Dynamic Objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/dynamicobjectmappings`

Parameters available for filtering:

Parameter	Values
Objects with ids:	`"ids:id1,id2,..."`
Unused objects:	`"unusedOnly:true"`
Name starts with:	`"nameStartsWith:{name-pattern}"`
Agent ID:	`"agentId:{Agent ID}"`

Permissions: Object Manager > Modify Object Manager

GET dynamicobjects

Request Type: **GET**

Description: Retrieves the Dynamic Object associated with the specified ID. If no ID is specified for a GET, retrieves list of all Dynamic Objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/dynamicobjects`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/object/dynamicobjects/{objectIdOrName}`

Permissions: Object Manager

Parameters available for filtering: name (Cannot be used if object ID is specified in path.)

POST dynamicobjects

Request Type: **POST**

Description: Creates or overrides the Dynamic Objects with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/dynamicobjects`

Permissions: Object Manager > Modify Object Manager

DELETE dynamicobjects

Request Type: **DELETE**

Description: Deletes the Dynamic Object associated with the specified ID. If used without an ID, deletes objects selected by filtering.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/dynamicobjects/`

URL for DELETE by ID:
`/api/fmc_config/v1/domain/{domainUUID}/object/dynamicobjects/{objectIdOrName}`

Parameters available for filtering:

Parameter	Values
Objects with ids:	`"ids:id1,id2,..."`
Unused objects:	`"unusedOnly:true"`
Name starts with:	`"nameStartsWith:{name-pattern}"`

Permissions: Object Manager > Modify Object Manager

PUT dynamicobjects

Request Type: **PUT**

Description: Modifies the Dynamic Object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/dynamicobjects/{objectId}`

Permissions: Object Manager > Modify Object Manager

GET mappings

Request Type: **GET**

Description: Retrieves the Dynamic Object Mappings associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/dynamicobjects/{objectIdOrName}/mappings`

Permissions: Object Manager

PUT mappings

Request Type: **PUT**

Description: Adds Dynamic Object Mappings associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/dynamicobjects/{objectId}/mappings`

Permissions: Object Manager > Modify Object Manager

DELETE mappings

Request Type: **DELETE**

Description: Removes the Dynamic Object Mappings associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/dynamicobjects/{objectId}/mappings`

Parameters available for filtering:

Parameter	Values
Objects with ids:	`"ids:id1,id2,..."`
Unused objects:	`"unusedOnly:true"`
Name starts with:	`"nameStartsWith:{name-pattern}"`
Agent ID:	`"agentId:{Agent ID}"`

Permissions: Object Manager > Modify 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 expanded community lists

Request Type: **GET**

Description: Retrieves the expanded community list associated with the specified ID. If no ID is specified, retrieves all community lists.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/expandedcommunitylists`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/object/expandedcommunitylists/{objectId}`

Permissions: Object Manager

GET extended access lists

Request Type: **GET**

Description: Retrieves extended access list associated with the specified ID. If no ID is specified, retrieves list of all extended access lists.

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

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

Permissions: Devices > Device Management > View Devices

DELETE fqdns

Request Type: **DELETE**

Description: Deletes the FQDN object associated with the specified ID.

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

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

Permissions: Object Manager > Modify Object Manager

PUT fqdns

Request Type: **PUT**

Description: Modifies the FQDN object associated with the specified ID.

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

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/fqdns/{parent_object_UUID}`

Permissions: Object Manager > Modify Object Manager

POST fqdns

Request Type: **POST**

Description: Creates or overrides the FQDN objects with the specified parameters.

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

URL for Bulk Post: `/api/fmc_config/v1/domain/{domain_UUID}/object/fqdns?bulk=true`

Permissions: Object Manager > Modify Object Manager

GET fqdns

Request Type: **GET**

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

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

URL for all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/fqdns?overrideTargetId={target_UUID}`

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

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/fqdns/{fqdn_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/fqdns/{object_UUID}?overrideTargetId={target_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

PUT geolocations

Request Type: **PUT**

Description: Modifies the geolocation object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/geolocations/{objectId}`

Permissions: Object Manager > Modify Object Manager

POST geolocations

Request Type: **POST**

Description: Creates or overrides the Geolocation objects with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/geolocations`

Permissions: Object Manager > Modify Object Manager

DELETE geolocations

Request Type: **DELETE**

Description: Deletes the geolocation object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/geolocations/{objectId}`

Permissions: Object Manager > Modify Object Manager

GET global time zones

Request Type: **GET**

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

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/globaltimezones`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/globaltimezones/{objectId}`

Permissions: Object Manager

GET grouppolicies

Request Type: **GET**

Description: Retrieves the VPN group policies associated with the specified ID. If no ID is specified for a GET, retrieves list of all VPN group policies.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/grouppolicies`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/grouppolicies/{objectId}`

Permissions: Devices > VPN

DELETE hosts

Request Type: **DELETE**

Description: Deletes the specified host object.

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

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

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/hosts/{parent_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 all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/hosts?overrideTargetId={target_UUID}`

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

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/hosts/{host_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/hosts/{host_UUID}?overrideTargetId={target_UUID}`

Permissions: Object Manager

GET hostscanpackages

Request Type: **GET**

Description: Retrieves HostScan packages. If no ID is specified for a GET, retrieves list of all HostScan packages.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/hostscanpackages`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/hostscanpackages/{objectId}`

Permissions: Devices

DELETE icmpv4objects

Request Type: **DELETE**

Description: Deletes the specified ICMPv4 port.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/icmpv4objects/{object_UUID}`

URL to DELETE overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/icmpv4objects/{object_UUID}?overrideTargetId={target_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}`

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/icmpv4objects/{parent_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`

URL for Bulk Post : `/api/fmc_config/v1/domain/{domain_UUID}/object/icmpv4objects?bulk=true`

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 all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/icmp4objects?overrideTargetId={target_UUID}`

URL for GET by ID: `/api/fmc_config/v1/domain/{domain_UUID}/object/icmpv4objects/{object_UUID}`

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/icmp4objects/{icmpv4object_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/icmp4objects/{icmp4object_UUID}?overrideTargetId={target_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}`

URL to DELETE overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/icmpv6objects/{object_UUID}?overrideTargetId={target_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}`

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/icmpv6objects/{parent_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`

URL for Bulk Post: `/api/fmc_config/v1/domain/{domain_UUID}/object/icmpv6objects?bulk=true`

Permissions: Object Manager > Modify Object Manager

GET icmpv6objects

Request Type: **GET**

Description: Retrieves the ICMPv6 object associated with the specified ID. If no ID is specified, retrieves list of all ICMPv6 objects.

URL for listing: `/api/fmc_config/v1/domain/{domain_UUID}/object/icmpv6objects`

URL for all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/icmp6objects?overrideTargetId={target_UUID}`

URL for GET by ID: `/api/fmc_config/v1/domain/{domain_UUID}/object/icmpv6objects/{object_UUID}`

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/icmp6objects/{icmpv6object_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/icmp6objects/{icmp6object_UUID}?overrideTargetId={target_UUID}`

Permissions: Object Manager

DELETE ikev1ipsecproposals

Request Type: **DELETE**

Description: Deletes the IKEv1 IPsec Proposal associated with the specified ID.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/object/ikev1ipsecproposals/{ikev1ipsecproposal_UUID}`

Permissions: Object Manager > Modify Object Manager

PUT ikev1ipsecproposals

Request Type: **PUT**

Description: Modifies the IKEv1 IPsec Proposal associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/ikev1ipsecproposals/{ikev1ipsecproposal_UUID}`

Permissions: Object Manager > Modify Object Manager

POST ikev1ipsecproposals

Request Type: **POST**

Description: Creates the IKEv1 IPsec Proposal associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/ikev1ipsecproposals`

Permissions: Object Manager > Modify Object Manager

GET ikev1ipsecproposals

Request Type: **GET**

Description: Retrieves the IKEv1 IPsec Proposal associated with the specified ID. If no ID is specified for a GET, retrieves list of all IKEv1 IPsec Proposal objects.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ikev1ipsecproposals`

URL for GET by ID: `/api/fmc_config/v1/domain/{domain_UUID}/object/ikev1ipsecproposals/{ikev1ipsecproposal_UUID}`

Permissions: Object Manager

DELETE ikev1policies

Request Type: **DELETE**

Description: Deletes the IKEv1 policy object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/ikev1policies/{ikev1policy_UUID}`

Permissions: Object Manager > Modify Object Manager

PUT ikev1policies

Request Type: **PUT**

Description: Modifies the IKEv1 policy object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/ikev1policies/{ikev1policy_UUID}`

Permissions: Object Manager > Modify Object Manager

POST ikev1policies

Request Type: **POST**

Description: Creates the IKEv1 policy object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/ikev1policies`

Permissions: Object Manager > Modify Object Manager

GET ikev1policies

Request Type: **GET**

Description: Retrieves the IKEv1 policy object associated with the specified ID. If no ID is specified for a GET, retrieves list of all IKEv1 policy objects.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ikev1policies`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domain_UUID}/object/ikev1policies/{ikev1policy_UUID}`

Permissions: Object Manager

DELETE ikev2ipsecproposals

Request Type: **DELETE**

Description: Deletes the IKEv2 IPsec Proposal associated with the specified ID.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/object/ikev2ipsecproposals/{ikev2ipsecproposal_UUID}`

Permissions: Object Manager > Modify Object Manager

PUT ikev2ipsecproposals

Request Type: **PUT**

Description: Modifies the IKEv2 IPsec Proposal associated with the specified ID.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/object/ikev2ipsecproposals/{ikev2ipsecproposal_UUID}`

Permissions: Object Manager > Modify Object Manager

POST ikev2ipsecproposals

Request Type: **POST**

Description: Creates the IKEv2 IPsec Proposal associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/ikev2ipsecproposals`

Permissions: Object Manager > Modify Object Manager

GET ikev2ipsecproposals

Request Type: **GET**

Description: Retrieves the IKEv2 IPsec Proposal associated with the specified ID. If no ID is specified for a GET, retrieves list of all IKEv2 IPSec Proposal objects.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ikev2ipsecproposals`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domain_UUID}/object/ikev2ipsecproposals/{ikev2ipsecproposal_UUID}`

Permissions: Object Manager

DELETE ikev2policies

Request Type: **DELETE**

Description: Deletes the IKEv2 object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/ikev2policies/{ikev2policy_UUID}`

Permissions: Object Manager > Modify Object Manager

PUT ikev2policies

Request Type: **PUT**

Description: Modifies the IKEv2 object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/ikev2policies/{ikev2policy_UUID}`

Permissions: Object Manager > Modify Object Manager

POST ikev2policies

Request Type: **POST**

Description: Creates the IKEv2 object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/object/ikev2policies`

Permissions: Object Manager > Modify Object Manager

GET ikev2policies

Request Type: **GET**

Description: Retrieves the IKEv2 object associated with the specified ID. If no ID is specified for a GET, retrieves list of all IKEv2 IPSec Proposal objects.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ikev2policies`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domain_UUID}/object/ikev2policies/{ikev2policy_UUID}`

Permissions: Object Manager

DELETE interfacegroups

Request Type: **DELETE**

Description: Deletes the Interface group objects associated with the specified ID.

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

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

Permissions: Object Manager > Modify Object Manager

PUT interfacegroups

Request Type: **PUT**

Description: Modifies the Interface group objects associated with the specified ID.

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

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/interfacegroups/{parent_object_UUID}`

Permissions: Object Manager > Modify Object Manager

POST interfacegroups

Request Type: **POST**

Description: Creates or overrides the Interface group objects associated with the specified ID.

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

URL for Bulk Post: `/api/fmc_config/v1/domain/{domain_UUID}/object/interfacegroups?bulk=true`

Permissions: Object Manager > Modify Object Manager

GET interfacegroups

Request Type: **GET**

Description: Retrieves the Interface group objects associated with the specified ID. If no ID is specified for a GET, retrieves list of all interface group objects.

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

URL for all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/interfacegroups?overrideTargetId={target_UUID}`

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

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/interfacegroups/{interfacegroups_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domainUUID}/object/interfacegroups/{interfacegroups_UUID}?overrideTargetId={target_UUID}`

Permissions: Object Manager

GET interfaceobjects

Request Type: **GET**

Description: Retrieves list of all the interface objects both security zones and interface groups.

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

URL for all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/interfaceobjects?overrideTargetId={target_UUID}`

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

URL to list all overrides on a particular object::
`/api/fmc_config/v1/domain/{domain_UUID}/object/interfaceobjects/{interfaceobjects_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/interfaceobjects/{interfaceobjects_UUID}?overrideTargetId={target_UUID}`

Permissions: Object Manager

GET intrusionrulegroups

Request Type: **GET**

Description: Retrieves the Snort3 Intrusion rule group. If no ID is specified, retrieves a list of all Snort3 Intrusion rule groups.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/intrusionrulegroups`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/intrusionrulegroups/{objectId}`

Permissions: Policies > Access Control > Intrusion Policy

Parameters vailable for filtering: Value is of format (including quotes): filter=name:Browser OR filter=name:Browser/Firefox OR filter=showonlyparents:true OR filter=showonlyparents:false OR filter=issystemdefined:true OR issystemdefined:false.

PUT intrusionrulegroups

Request Type: **PUT**

Description: Modifies the Snort3 Intrusion rule group with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/intrusionrulegroups/{objectId}`

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

POST Intrusion Rule Groups

Request Type: **POST**

Description: Creates or overrides the Snort3 Intrusion rule group with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/intrusionrulegroups`

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

DELETE Intrusion Rule Groups

Request Type: **DELETE**

Description: Deletes the specified Snort3 intrusion rule group.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/intrusionrulegroups/{objectId}`

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

GET intrusionrules

Request Type: **GET**

Description: Retrieves the Snort3 Intrusion rule group. If no ID is specified, retrieves a list of all Snort3 Intrusion rule groups.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/intrusionrules`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/intrusionrules/{objectId}`

Permissions: Policies > Access Control > Intrusion Policy

Parameters vailable for filtering: Value is of format (including quotes): filter=gid:123 OR filter=sid:123 OR filter=gid:123;sid:456 OR filter=overrides:true OR filter=overrides:true;ipspolicy:UUID1,UUID2,UUID3 OR filter=fts:123. ipspolicy is comma separated Snort3 Intrusion Policy UUID.

PUT intrusionrules

Request Type: **PUT**

Description: Creates or modifies the Snort3 rule with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/intrusionrules`

URL for PUT by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/intrusionrules/{objectID}`

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

POST intrusionrules

Request Type: **POST**

Description: Creates or overrides the Snort3 rules with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/intrusionrules`

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

DELETE intrusionrules

Request Type: **DELETE**

Description: Deletes the specified Snort3 rule.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/intrusionrules/{objectId}`

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

GET ipv4addresspools

Request Type: **GET**

Description: Retrieves the IPv4 Address Pool object associated with the specified ID. If no ID is specified for a GET, retrieves list of all IPv4 Address Pool objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/ipv4addresspools`

URL for overrides:
`/api/fmc_config/v1/domain/{domainUUID}/object/ipv4addresspools/{containerUUID}/overrides`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/ipv4addresspools/{objectId}`

Permissions: Object Manager

Parameters available for filtering: To be used in conjunction with `"unusedOnly:true"` to search for unused objects and `"nameOrValue:{nameOrValue}"` to search for both name and value.

GET ipv6addresspools

Request Type: **GET**

Description: Retrieves the IPv6 Address Pool object associated with the specified ID. If no ID is specified for a GET, retrieves list of all IPv6 Address Pool objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/ipv6addresspools`

URL for overrides:
`/api/fmc_config/v1/domain/{domainUUID}/object/ipv6addresspools/{containerUUID}/overrides`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/ipv6addresspools/{objectId}`

Permissions: Object Manager

Parameters available for filtering: To be used in conjunction with `"unusedOnly:true"` to search for unused objects and `"nameOrValue:{nameOrValue}"` to search for both name and value.

GET ipv4prefixlists

Request Type: **GET**

Description: Retrieves the IPv4 prefix list associated with the specified ID. If no ID is specified, retrieves all IPv4 prefix lists.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/ipv4prefixlists`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/ipv4prefixlists/{objectId}`

Permissions: Object Manager

GET ipv6prefixlists

Request Type: **GET**

Description: Retrieves the IPv6 prefix list associated with the specified ID. If no ID is specified, retrieves all IPv6 prefix lists.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/ipv6prefixlists`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/ipv6prefixlists/{objectId}`

Permissions: Object Manager

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`

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

Permissions: Object Manager

GET keychain

Request Type: **GET**

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

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

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

URL to list all overrides on a particular object. If the object ID is not specified, displays all keychain objects:
`/api/fmc_config/v1/domain/{domain_UUID}/object/keychains/{keychains_UUID}/overrides/{objectId}`

URL for all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/keychains?overrideTargetId={target_UUID}`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/keychains/{keychain_UUID}?overrideTargetId={target_UUID}`

Note The target UUID could be that of a domain or a device.

Permissions: Object Manager

DELETE keychain

Request Type: **DELETE**

Description: Deletes the keychain object associated with the specified ID.

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

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

Note The target UUID could be that of a domain or a device.

Permissions: Object Manager > Modify Object Manager

PUT keychain

Request Type: **PUT**

Description: Modifies the keychain object associated with the specified ID.

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

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/keychains/{keychain_UUID}`

Permissions: Object Manager > Modify Object Manager

POST keychain

Request Type: **POST**

Description: Creates or overrides the keychain objects with the specified parameters.

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

URL for Bulk Post:

`/api/fmc_config/v1/domain/{domain_UUID}/object/keychains?bulk=true`

URL to create an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/keychains`

Attention If override was not set when creating the key chain object:

1. Using PUT, update the override property of the key chain object to "true".
2. Create the POST override for the key chain object.

Permissions: Object Manager > Modify Object Manager

GET localrealmusers

Request Type: **GET**

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

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/localrealmusers`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/localrealmusers/{objectId}`

Permissions: System > Integration > Realms

Parameters vailable for filtering: To filter users by realm, use `realm:{realmUUID}`. To filter users by name, use `name:{name}`

PUT localrealmusers

Request Type: **PUT**

Description: Modifies the local realm user object with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/localrealmusers/{objectId}`

Permissions: System > Integration > Realms > Modify Realms

POST localrealmusers

Request Type: **POST**

Description: Creates or overrides the local realm user objects with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/localrealmusers`

Permissions: System > Integration > Realms > Modify Realms

POST localrealmusers

Request Type: **DELETE**

Description: Deletes the specified local realm user object.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/localrealmusers/{objectId}`

Permissions: Object Manager > Modify 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`

URL for listing only unused objects:
`/api/fmc_config/v1/domain/{domain_UUID}/object/networkaddresses?filter=unusedOnly:true`

URL for searching by name or value:
`/api/fmc_config/v1/domain/{domain_UUID}/object/networkaddresses?filter=nameOrValue:{name_or_value}`

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}`

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/networkgroups/{parent_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`

URL for Bulk Post: `/api/fmc_config/v1/domain/{domain_UUID}/object/networkgroups?bulk=true`

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}`

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/networkgroups/{networkgroups_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/networkgroups/{networkgroups_UUID}?overrideTargetId={target_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}`

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/networks/{parent_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`

Permissions: Object Manager > Modify Object Manager

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 all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/networks?overrideTargetId={target_UUID}`

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

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/networks/{network_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/networks/{network_UUID}?overrideTargetId={target_UUID}`

Permissions: Object Manager

GET policy lists

Request Type: **GET**

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

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/policylists`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/policylists/{objectId}`

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 > Modify Object Manager

PUT portobjectgroups

Request Type: **PUT**

Description: Modifies port object groups.

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

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/portobjectgroups/{parent_object_UUID}`

Permissions: Object Manager > Modify 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`

URL for Bulk Post: `/api/fmc_config/v1/domain/{domain_UUID}/object/portobjectgroups?bulk=true`

Permissions: Object Manager > Modify 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`

URL for all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/portobjectgroups?overrideTargetId={target_UUID}`

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

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/portobjectgroups/{portobjectgroup_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/portobjectgroups/{portobjectgroup_UUID}?overrideTargetId={target_UUID}`

URL for listing only unused objects:
`/api/fmc_config/v1/domain/{domain_UUID}/object/portobjectgroups?filter=unusedOnly:true`

URL for searching by name or value:
`/api/fmc_config/v1/domain/{domain_UUID}/object/portobjectgroups?filter=nameOrValue:{name_or_value}`

Permissions: Object Manager

GET ports

Request Type: **GET**

Description: Retrieves list of all port objects.

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

URL for listing only unused objects:
`/api/fmc_config/v1/domain/{domain_UUID}/object/ports?filter=unusedOnly:true`

URL for searching by name or value:
`/api/fmc_config/v1/domain/{domain_UUID}/object/ports?filter=nameOrValue:{name_or_value}`

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}`

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/protocolportobjects/{parent_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`

URL for Bulk Post : `/api/fmc_config/v1/domain/{domain_UUID}/object/protocolportobjects?bulk=true`

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 all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/protocolportobjects?overrideTargetId={target_UUID}`

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

URL to list all overrides on a particular object::
`/api/fmc_config/v1/domain/{domain_UUID}/object/protocolportobjects/{protocolportobject_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/protocolportobjects/{protocolportobject_UUID}?overrideTargetId={target_UUID}`

Permissions: Object Manager

GET radiusservergroups

Request Type: **GET**

Description: Retrieves the Radius Server Group associated with the specified ID. If no ID is specified for a GET, retrieves list of all Radius Server Group objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/radiusservergroups`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/radiusservergroups/{objectId}`

Permissions: Object Manager

Parameters available for filtering: To be used in conjunction with `"unusedOnly:true"` to search for unused objects and `"nameOrValue:{nameOrValue}"` to search for both name and value.

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}`

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/ranges/{parent_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`

URL for Bulk Post: `/api/fmc_config/v1/domain/{domain_UUID}/object/ranges?bulk=true`

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 all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/ranges?overrideTargetId={target_UUID}`

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

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/ranges/{range_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/ranges/{range_UUID}?overrideTargetId={target_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: System > Integration > Realms

PUT realms

Request Type: **PUT**

Description: Modifies the realm object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/realms/{objectId}`

Permissions: System > Integration > Realms > Modify Realms

POST realms

Request Type: **POST**

Description: Creates or overrides the realm objects with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/realms`

Permissions: System > Integration > Realms > Modify Realms

DELETE realms

Request Type: **DELETE**

Description: Deletes the specified realm object.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/realms/{objectId}`

Permissions: System > Integration > Realms > Modify Realms

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}/object/realmusergroups`

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

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

Permissions: Object Manager

Parameters available for filtering: realmUuid

Note This is a required parameter.

GET route maps

Request Type: **GET**

Description: Retrieves the route map associated with the specified ID. If no ID is specified, retrieves list of all rooute maps.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/routemaps`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/routemaps/{objectId}`

Permissions: Object Manager

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`

URL for Bulk Post: `/api/fmc_config/v1/domain/{domain_UUID}/object/securityzones?bulk=true`

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 SI DNS Feeds

Request Type: **GET**

Description: Retrieves the Security Intelligence DNS feed objects associated with the specified ID. If no ID is specified for a GET, retrieves list of all Security Intelligence DNS feed objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/sidnsfeeds`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/sidnsfeeds/{objectId}`

Permissions: Object Manager

GET SI DNS Lists

Request Type: **GET**

Description: Retrieves the Security Intelligence DNS list objects associated with the specified ID. If no ID is specified for a GET, retrieves list of all Security Intelligence DNS list objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/sidnslists`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/sidnslists/{objectId}`

Permissions: Object Manager

GET sinetworkfeeds

Request Type: **GET**

Description: Retrieves the Security Intelligence Network Feed objects associated with the specified ID. If no ID is specified for a GET, retrieves list of all Security Intelligence Network Feed objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/sinetworkfeeds`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/sinetworkfeeds/{objectId}`

Permissions: Object Manager

GET SI Network Lists

Request Type: **GET**

Description: Retrieves the Security Intelligence network list objects associated with the specified ID. If no ID is specified for a GET, retrieves list of all Security Intelligence network list objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/sinetworklists`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/sinetworklists/{objectId}`

Permissions: Object Manager

GET Sinkholes

Request Type: **GET**

Description: Retrieves the Sinkhole objects associated with the specified ID. If no ID is specified for a GET, retrieves list of all Sinkhole objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/sinkholes`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/sinkholes/{objectId}`

Permissions: Object Manager

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

DELETE slamonitors

Request Type: **DELETE**

Description: Deletes the sla monitor object associated with the specified ID.

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

Permissions: Object Manager > Modify Object Manager

PUT slamonitors

Request Type: **PUT**

Description: Modifies the sla monitor object associated with the specified ID.

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

Permissions: Object Manager > Modify Object Manager

POST slamonitors

Request Type: **POST**

Description: Creates or overrides a SLA monitor with the specified parameters.

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

URL for Bulk Post: `/api/fmc_config/v1/domain/{domain_UUID}/object/slamonitors?bulk=true`

Permissions: Object Manager > Modify Object Manager

GET slamonitors

Request Type: **GET**

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

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

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

Permissions: Object Manager

GET SSO Servers

Request Type: **GET**

Description: Retrieves the SSO Server Policy Object associated with the specified ID. If no ID is specified, retrieves list of all SSO Server Policy Objects.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/ssoservers`

URL for all overrides:
`/api/fmc_config/v1/domain/{domainUUID}/object/ssoservers/{containerUUID}/overrides`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/ssoservers/{objectId}`

Permissions: System > User Management> Single Sign-On (SSO)

Parameters available for filtering: To be used in conjunction with `"unusedOnly:true"` to search for unused objects and `"nameOrValue:{nameOrValue}"` to search for both name and value

GET standard access lists

Request Type: **GET**

Description: Retrieves the standard community list associated with the specified ID. If no ID is specified, retrieves all standard community lists.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/standardaccesslists`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/standardaccesslists/{objectId}`

Permissions: Object Manager

GET standard community lists

Request Type: **GET**

Description: Retrieves the standard community list associated with the specified ID. If no ID is specified, retrieves all standard community lists.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/standardcommunitylists`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/object/standardcommunitylists/{objectId}`

Permissions: Object Manager

GET time ranges

Request Type: **GET**

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

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/timeranges`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/timeranges/{objectId}`

Permissions: Object Manager

PUT time ranges

Request Type: **PUT**

Description: Modifies a time range object.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/timeranges/{objectId}`

Permissions: Object Manager

POST time ranges

Request Type: **POST**

Description: Creates or overrides a time range object with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/timeranges`

Permissions: Object Manager > Modify Object Manager

DELETE time ranges

Request Type: **DELETE**

Description: Deletes the time range object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/timeranges/{objectId}`

Permissions: Object Manager > Modify Object Manager

GET time zone objects

Request Type: **GET**

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

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/timezoneobjects`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/object/timezoneobjects/{objectId}`

URL to list all overrides:
`/api/fmc_config/v1/domain/{domainUUID}/object/timezoneobjects/{containerUUID}/overrides`

Permissions: Object Manager

PUT time zone objects

Request Type: **PUT**

Description: Modifies a time zone object.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/timezoneobjects/{objectId}`

Permissions: Object Manager

POST time zone objects

Request Type: **POST**

Description: Creates or overrides a time zone object with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/timezoneobjects`

Permissions: Object Manager > Modify Object Manager

DELETE time zone objects

Request Type: **DELETE**

Description: Deletes the time zone object associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/timezoneobjects/{objectId}`

Permissions: Object Manager > Modify Object Manager

DELETE tunneltags

Request Type: **DELETE**

Description: Deletes the tunnel tag object associated with the specified ID.

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

Permissions: Object Manager > Modify Object Manager

PUT tunneltags

Request Type: **PUT**

Description: Modifies the tunnel tag object associated with the specified ID.

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

Permissions: Object Manager > Modify Object Manager

POST tunneltags

Request Type: **POST**

Description: Creates or overrides a tunnel tag with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/tunneltags`

Permissions: Object Manager > Modify Object Manager

GET tunneltags

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.

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

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

Permissions: Object Manager > Modify Object Manager

PUT urlgroups

Request Type: **PUT**

Description: Modifies urlgroup objects.

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

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/urlgroups/{parent_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`

URL for Bulk Post : `/api/fmc_config/v1/domain/{domain_UUID}/object/urlgroups?bulk=true`

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 all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/urlgroups?overrideTargetId={target_UUID}`

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

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/urlgroups/{urlgroup_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/urlgroups/{urlgroup_UUID}?overrideTargetId={target_UUID}`

Permissions: Object Manager > Modify Object Manager

DELETE urls

Request Type: **GET**

Description: Deletes the specified URL.

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

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

Permissions: Object Manager > Modify Object Manager

PUT urls

Request Type: **PUT**

Description: Modifies a URL.

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

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/urls/{parent_object_UUID}`

Permissions: Object Manager

POST urls

Request Type: **POST**

Description: Creates or overrides the URLs with the specified parameters.

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

URL for Bulk Post : `/api/fmc_config/v1/domain/{domain_UUID}/object/urls?bulk=true`

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 all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/urls?overrideTargetId={target_UUID}`

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

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/urls/{url_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/urls/{url_UUID}?overrideTargetId={target_UUID}`

URL for listing only unused objects:
`/api/fmc_config/v1/domain/{domain_UUID}/object/urls?filter=unusedOnly:true`

URL for searching by name or value:
`/api/fmc_config/v1/domain/{domain_UUID}/object/urls?filter=nameOrValue:{name_or_value}`

Permissions: Object Manager

GET Usage

Request Type: **GET**

Description:

Find usage of specified object uuid and type across objects and policies. Supported object types:

Type	Value
Network	NetworkAddress, Host, Network, Range, FQDN, NetworkGroup
Port	Port, ProtocolPortObject, PortObjectGroup, ICMPV4Object, ICMPV6Object, AnyProtocolPortObject
VLAN tag	VlanTag, VlanGroupTag
URL	Url, UrlGroup

URL: `/api/fmc_config/v1/domain/{domainUUID}/object/operational/usage`

Parameters available for filtering: Specify uuid `"uuid:object-uuid"` and `"type:object-type"` and type of object.

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/variablesets`

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

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags/{parent_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`

URL for Bulk Post : `/api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags?bulk=true`

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 all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags?overrideTargetId={target_UUID}`

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

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags/{vlangrouptag_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags/{vlangrouptag_UUID}?overrideTargetId={target_UUID}`

URL for listing only unused objects:
`/api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags?filter=unusedOnly:true`

URL for searching by name or value:
`/api/fmc_config/v1/domain/{domain_UUID}/object/vlangrouptags?filter=nameOrValue:{name_or_value}`

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}`

URL to edit or update an override on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/vlantags/{parent_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`

URL for Bulk Post : `/api/fmc_config/v1/domain/{domain_UUID}/object/vlantags?bulk=true`

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 all the overrides on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/vlantags?overrideTargetId={target_UUID}`

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

URL to list all overrides on a particular object:
`/api/fmc_config/v1/domain/{domain_UUID}/object/vlantags/{vlantag_UUID}/overrides`

URL for override for an object on a particular domain or device:
`/api/fmc_config/v1/domain/{domain_UUID}/object/vlantags/{vlantag_UUID}?overrideTargetId={target_UUID}`

URL for listing only unused objects:
`/api/fmc_config/v1/domain/{domain_UUID}/object/vlantags?filter=unusedOnly:true`

URL for searching by name or value:
`/api/fmc_config/v1/domain/{domain_UUID}/object/vlantags?filter=nameOrValue:{name_or_value}`

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}`

Permissions: Policies

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

DELETE categories

Request Type: **DELETE**

Description: Deletes a category associated with the specified policy ID.

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

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

PUT categories

Request Type: **PUT**

Description: Modifies the category associated with the specified policy ID.

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

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

POST categories

Request Type: **POST**

Description: Creates a category for access control policies.

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

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

GET categories

Request Type: **GET**

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

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

URL for GET by ID:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{container_UUID}/categories/{object_UUID}`

Permissions: Policies > Access Control > Access Control Policy

PUT defaultactions

Request Type: **PUT**

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 defaultactions

Request Type: **GET**

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

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

URL for GET by ID:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{container_UUID}/defaultactions/{object_UUID}`

Permissions: Policies>Access Control>Access Control Policy

GET loggingsettings

Request Type: **GET**

Description: Retrieves the logging setting associated with the specified access control policy ID and default action ID. If no default action ID is specified, retrieves list of all default actions associated with the specified access control policy ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/accesspolicies/{containerUUID}/loggingsettings`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/policy/accesspolicies/{containerUUID}/loggingsettings/{object_UUID}`

Permissions: Policies

PUT loggingsettings

Request Type: **PUT**

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

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/accesspolicies/{containerUUID}/loggingsettings/{objectId}`

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

GET securityintelligencepolicies

Request Type: **GET**

Description: Retrieves the security intelligence policy associated with the specified Access Policy. If no ID is specified for a GET, retrieves all security intelligence policies.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/accesspolicies/{containerUUID}/securityintelligencepolicies`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/policy/accesspolicies/{containerUUID}/securityintelligencepolicies/{objectId}`

Permissions: Intelligence

GET dnspolicies

Request Type: **GET**

Description: Retrieves the DNS Policy. If no ID is specified, retrieves a list of all DNS policies.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/dnspolicies`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/policy/dnspolicies/{objectId}`

Permissions: Policies > Access Control > DNS Policy

Parameters available for filtering: name.

GET allowdnsrules

Request Type: **GET**

Description: Retrieves all the allow rules for a given DNS Policy.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/dnspolicies/{containerUUID}/allowdnsrules`

Permissions: Policies > Access Control > DNS Policy

Parameters available for filtering: name

GET blockdnsrules

Request Type: **GET**

Description: Retrieves all the block rules for a given DNS Policy.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/dnspolicies/{containerUUID}/blockdnsrules`

Permissions: Policies > Access Control > DNS Policy

Parameters available for filtering: name

GET dynamicaccesspolicies

Request Type: **GET**

Description: Retrieves the Dynamic Access Policy. If no ID is specified for a GET, retrieves list of all Dynamic Access Policies.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/dynamicaccesspolicies`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/policy/dynamicaccesspolicies/{objectId}`

Permissions: Devices > VPN

PUT dynamicaccesspolicies

Request Type: **PUT**

Description: Modifies the Dynamic Access Policy associated with the specified rule ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/dynamicaccesspolicies/{objectId}`

Permissions: Devices > VPN > Modify VPN

POST dynamicaccesspolicies

Request Type: **POST**

Description: Creates a Dynamic Access policy associated.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/dynamicaccesspolicies`

Permissions: Devices > VPN > Modify VPN

DELETE dynamicaccesspolicies

Request Type: **DELETE**

Description: Deletes the Dynamic Access Policy associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/dynamicaccesspolicies/{objectId}`

Permissions: Devices > VPN > Modify VPN

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>Malware & File Policy

DELETE ftdnatpolicies

Request Type: **DELETE**

Description: Deletes the FTD NAT policy with the specified ID.

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

Permissions: Devices>NAT>NAT List >Modify NAT policy

PUT ftdnatpolicies

Request Type: **PUT**

Description: Modifies an FTD NAT policy with the specified ID.

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

Permissions: Devices>NAT>NAT List >Modify NAT policy

POST ftdnatpolicies

Request Type: **POST**

Description: Creates a FTD device NAT policy with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies`

URL for Bulk Post: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies?bulk=true`

Permissions: Devices>NAT>NAT List >Modify NAT policy

GET ftdnatpolicies

Request Type: **GET**

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

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies`

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

Permissions: Devices>NAT>NAT List

DELETE ftds2svpns

Request Type: **DELETE**

Description: Deletes the FTD Site to Site VPN topology associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}`

Permissions: Devices > VPN > Modify VPN

PUT ftds2svpns

Request Type: **PUT**

Description: Modifies a FTD Site to Site VPN topology associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}`

Permissions: Devices > VPN > Modify VPN

POST ftds2svpns

Request Type: **POST**

Description: Creates a FTD Site to Site VPN topology with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns`

Permissions: Devices > VPN > Modify VPN

GET ftds2svpns

Request Type: **GET**

Description: Retrieves the FTD Site to Site VPN topology associated with the specified ID. If no ID is specified, retrieves a list of all FTD Site to Site VPN topologies.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns`

URL for GET by ID: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}`

Permissions: Devices > VPN

PUT advancedsettings

Request Type: **PUT**

Description: Modifies advanced settings inside a VPN Site to Site Topology.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}/advancedsettings/{advancedsetting_UUID}`

Permissions: Devices > VPN > Modify VPN

GET advancedsettings

Request Type: **GET**

Description: Retrieves an advanced settings inside a VPN Site to Site Topology. If no ID is specified for a GET, retrieves list containing a single AdvancedSettings entry of the topology.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}/advancedsettings`

URL for GET by ID: `/api/fmc_config/v1/domain/domain_UUID/policy/ftds2svpns/{topology_UUID}/advancedsettings/{advancedSetting_UUID}`

Permissions: Devices > VPN

DELETE endpoints

Request Type: **DELETE**

Description: Deletes all endpoints in a topology or a specific endpoint associated with the specified ID inside a VPN Site to Site Topology.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}/endpoints/{endpoint_UUID}`

Permissions: Devices > VPN > Modify VPN

PUT endpoints

Request Type: **PUT**

Description: Modifies all endpoints in a topology or a specific endpoint associated with the specified ID inside a VPN Site to Site Topology.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}/endpoints/{endpoint_UUID}`

Permissions: Devices > VPN > Modify VPN

POST endpoints

Request Type: **POST**

Description: Creates all endpoints in a topology or a specific endpoint associated with the specified ID inside a VPN Site to Site Topology.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}/endpoints`

Permissions: Devices > VPN > Modify VPN

GET endpoints

Request Type: **GET**

Description: Retrieves all endpoints in a topology or a specific endpoint associated with the specified ID inside a VPN Site to Site Topology. If no ID is specified for a GET, retrieves list of all Endpoints of a topology.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}/endpoints`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}/endpoints/{endpoint_UUID}`

Permissions: Devices > VPN

PUT ikesettings

Request Type: **PUT**

Description: Modifies the IKE Settings associated with the specified ID inside a VPN Site to Site Topology.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}/ikesettings/{ikesetting_UUID}`

Permissions: Devices > VPN > Modify VPN

GET ikesettings

Request Type: **GET**

Description: Retrieves the IKE Settings associated with the specified ID inside a VPN Site to Site Topology. If no ID is specified for a GET, retrieves IKE Settings of a topology.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}/ikesettings`

URL for GET by ID: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}/ikesettings/{ikesetting_UUID}`

Permissions: Devices > VPN

PUT ipsecsettings

Request Type: **PUT**

Description: Modifies an IPsec Proposal settings inside a VPN Site to Site Topology.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}/ipsecsettings/{ipsecsetting_UUID}`

Permissions: Devices > VPN > Modify VPN

GET ipsecsettings

Request Type: **GET**

Description: Retrieves an IPsec Proposal Settings inside a VPN Site To Site Topology. If no ID is specified for a GET, retrieves list containing a single IPsec Settings entry of the topology.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftds2svpns/{topology_UUID}/ipsecsettings`

URL for GET by ID: `/api/fmc_config/v1/domain/DomainUUID/policy/ftds2svpns/{topology_UUID}/ipsecsettings/{ipsecsetting_UUID}`

Permissions: Devices > VPN

DELETE autonatrules

Request Type: **DELETE**

Description: Deletes a NAT rule with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies/{container_UUID}/autonatrules/{object_UUID}`

Permissions: Devices>NAT>NAT List >Modify NAT policy

PUT autonatrules

Request Type: **PUT**

Description: Modifies a NAT rule with the specified parameters.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies/{container_UUID}/autonatrules/{autonatrule_UUID)`

Permissions: Devices>NAT>NAT List >Modify NAT policy

POST autonatrules

Request Type: **POST**

Description: Creates a NAT policy with the specified parameters.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies/{container_UUID}/autonatrules`

Permissions: Devices>NAT>NAT List >Modify NAT policy

GET autonatrules

Request Type: **GET**

Description: Retrieves the NAT rule associated with the specific ID. If no ID is specified, retrieves a list of all NAT rules.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies/{container_UUID}/autonatrules`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies{container_UUID}/autonatrules/{object_UUID}`

Permissions: Devices>NAT>NAT List

DELETE manualnatrules

Request Type: **POST**

Description: Deletes a manual NAT rule in the specified NAT policy.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies/{container_UUID}/manualnatrules/{object_UUID}`

Permissions: Devices>NAT>NAT List >Modify NAT policy

PUT manualnatrules

Request Type: **PUT**

Description: Modify a manual NAT rule in the specified NAT policy.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies/{container_UUID}/manualnatrules/{object_UUID}`

Permissions: Devices>NAT>NAT List >Modify NAT policy

POST manualnatrules

Request Type: **POST**

Description: Creates manual NAT rules with the specified parameters.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies/{container_UUID}/manualnatrules`

Permissions: Devices>NAT>NAT List >Modify NAT policy

GET manualnatrules

Request Type: **GET**

Description: Retrieves the manual NAT rule associated with the specified ID. If no ID is specified, retrieves a list of all manual NAT rules.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies/{container_UUID}/manualnatrules`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies/{container_UUID}/manualnatrules/{object_UUID}`

Permissions: Devices>NAT>NAT List

GET natrules

Request Type: **GET**

Description: Retrieves the list of all NAT rules (manual and auto) associated with the specified NAT policy.

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/ftdnatpolicies/{container_UUID}/natrules`

Permissions: Devices>NAT>NAT List

PUT inheritancesettings

Request Type: **PUT**

Description: Modifies the inheritance settings associated with specified Access Policy.

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

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

GET inheritancesettings

Request Type: **GET**

Description: Retrieves the inheritance settings associated with specified Access Policy. If no ID is specified, retrieves a list of all inheritance settings.

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

URL for GET by ID:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/accesspolicies/{container_UUID}/inheritancesettings/{object_UUID}`

Permissions: Policies > Access Control Policy

GET identitypolicies

Request Type: **GET**

Description: Retrieves the Identity Policy associated with the specified ID. If no ID is specified, retrieves all Identity Policies.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/identitypolicies`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/policy/identitypolicies/{objectId}`

Permissions: Policies > Access Control > Identity 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

PUT intrusionpolicies

Request Type: **PUT**

Description: Modifies the intrusion policy associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/intrusionpolicies/{objectId}`

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

POST intrusionpolicies

Request Type: **POST**

Description: Creates an intrusion policy with the specified parameters.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/intrusionpolicies`

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

DELETE intrusionpolicies

Request Type: **DELETE**

Description: Deletes the intrusion policy associated with the specified ID.

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

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

GET intrusionrulegroups

Request Type: **GET**

Description: Retrieves the per-policy behaviour of the specified intrusion rule ID for the target intrusion policy ID. If no rule ID is specified for a GET, retrieves list of all Snort 3 intrusion rulegroups associated with the policy ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/intrusionpolicies/{containerUUID}/intrusionrulegroups/`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/policy/intrusionpolicies/{containerUUID}/intrusionrulegroups/{objectId}`

Permissions: Policies > Access Control > Intrusion Policy

PUT intrusionrulegroups

Request Type: **PUT**

Description: Modifies the per-policy behaviour of the specified intrusion rule ID for the target intrusion policy ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/intrusionpolicies/{containerUUID}/intrusionrulegroups/{objectId}`

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

POST intrusionrulegroups

Request Type: **PUT**

Description: Modifies the per-policy behaviour of the specified intrusion rule ID for the target intrusion policy ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/intrusionpolicies/{containerUUID}/intrusionrulegroups/{objectId}`

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

GET intrusionrules

Request Type: **GET**

Description: Retrieves the per-policy behaviour of the specified intrusion rule ID for the target intrusion policy ID. If no rule ID is specified for a GET, retrieves list of all Snort 3 intrusion rules associated with the policy ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/intrusionpolicies/{containerUUID}/intrusionrules`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/policy/intrusionpolicies/{containerUUID}/intrusionrules/{objectId}`

Permissions: Policies > Access Control > Intrusion Policy

PUT intrusionrules

Request Type: **PUT**

Description: Modifies the per-policy behaviour of the specified intrusion rule ID for the target intrusion policy ID.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/intrusionpolicies/{containerUUID}/intrusionrules/{objectId}`

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

GET networkanalysispolicies

Request Type: **GET**

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

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/networkanalysispolicies`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/policy/networkanalysispolicies/{objectId}`

Permissions: Policies > Access Control > Access Control Policy

PUT networkanalysispolicies

Request Type: **PUT**

Description: Modifies the network analysis policy associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/networkanalysispolicies/{objectId}`

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

POST networkanalysispolicies

Request Type: **POST**

Description: Creates a network analysis policy.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/networkanalysispolicies`

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

DELETE networkanalysispolicies

Request Type: **DELETE**

Description: Deletes the network analysis policy associated with the specified ID.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/networkanalysispolicies/{objectId}`

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

GET Inspector Configurations

Request Type: **GET**

Description: Retrieves the Snort3 custom NAP.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/networkanalysispolicies/{containerUUID}/inspectorconfigs`

Permissions: Policies > Access Control > Access Control Policy

GET inspectoroverrideconfigs

Request Type: **GET**

Description: Retrieves the Snort3 custom NAP override.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/networkanalysispolicies/{containerUUID}/inspectoroverrideconfigs`

Permissions: Policies > Access Control > Access Control Policy

PUT inspectoroverrideconfigs

Request Type: **GET**

Description: Modifies the Snort3 custom NAP override.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/networkanalysispolicies/{containerUUID}/inspectorconfigs`

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

DELETE prefilterpolicies

Request Type: **DELETE**

Description: Deletes a prefilter policy associated with the specified ID.

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

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

PUT prefilterpolicies

Request Type: **PUT**

Description: Modifies a prefilter policy associated with the specified ID.

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

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

POST prefilterpolicies

Request Type: **POST**

Description: Creates a prefilter policy associated with the specified ID.

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

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

GET prefilterpolicies

Request Type: **GET**

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

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/prefilterpolicies`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/policy/prefilterpolicies/{object_UUID}`

Permissions: Policies > Access Control > Prefilter Policy

GET remoteaccessvpns

Request Type: **GET**

Description: Retrieves the FTD RA VPN topology associated with the specified ID. If no ID is specified for a GET, retrieves list of all FTD RA VPN topologies.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/ravpns`

URL for GET by ID: `/api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{objectId}`

Permissions: Devices > VPN

GET addressassignmentsettings

Request Type: **GET**

Description: Retrieves Address Assignment Setting inside a VPN RA Topology. If no ID is specified for a GET, retrieves list containing a single Address Assignment Setting entry of the topology.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/addressassignmentsettings`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/addressassignmentsettings/{objectId}`

Permissions: Devices > VPN

GET certificatemapsettings

Request Type: **GET**

Description: Retrieves Certificate Map Setting inside a VPN RA Topology. If no ID is specified for a GET, retrieves list containing a single Certificate Map Setting entry of the topology.

URL:
`/api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/certificatemapsettings`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/certificatemapsettings/{objectId}`

Permissions: Devices > VPN

GET connectionprofiles

Request Type: **GET**

Description: Retrieves Connection Profile data inside a VPN RA Topology. If no ID is specified for a GET, retrieves list containing a single Connection Profile entry of the topology.

URL: `/api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/connectionprofiles`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/connectionprofiles/{objectId}`

Permissions: Devices > VPN

DELETE hitcounts

Request Type: **DELETE**

Description: Deletes the hit count information and resets the hit count to zero for an assigned policy or rule in a device, from the FMC.

Note that the DELETE operation returns a 200 (OK) message upon successful completion of the operation.

URLs:

- `/api/fmc_config/v1/domain/{domainUUID}/policy/accesspolicies/{containerUUID}/operational/hitcounts?filter="{filterString}"`
- `/api/fmc_config/v1/domain/{domainUUID}/policy/prefilterpolicies/{containerUUID}/operational/hitcounts?filter="{filterString}"`

Permisssions:

- Policies>Access Control Policy>Modify Access Control Policy
- Policies>Prefilter Policy>Modify Prefilter Policy

PUT hitcounts

Request Type: **PUT**

Description: Retrieves the latest hit count information for a device against an assigned policy, and stores it in the FMC.

URLs:

- /api/fmc_config/v1/domain/{domainUUID}/policy/accesspolicies/{containerUUID}/operational/hitcounts?filter="{filterString}"
- /api/fmc_config/v1/domain/{domainUUID}/policy/prefilterpolicies/{containerUUID}/operational/hitcounts?filter="{filterString}"

Permisssions:

- Policies>Access Control Policy>Modify Access Control Policy
- Policies>Prefilter Policy>Modify Prefilter Policy

GET hitcounts

Request Type: **GET**

Description: Retrieves the last collected hit count information for a device against an assigned policy or its rules, from the FMC.

Note that during the GET operation, hit counts will be automatically pre-fetched from the device if it is the first retrieval being done against a specific device.

URLs:

- /api/fmc_config/v1/domain/{domainUUID}/policy/accesspolicies/{containerUUID}/operational/hitcounts?filter="{filterString}"
- /api/fmc_config/v1/domain/{domainUUID}/policy/prefilterpolicies/{containerUUID}/operational/hitcounts?filter="{filterString}"

Permissions:

- Policies>Access Control Policy>Modify Access Control Policy
- Policies>Prefilter Policy>Modify Prefilter Policy

DELETE prefilterrules

Request Type: **DELETE**

Description: Deletes the prefilter rule associated with the specified rule ID.

URL:
/api/fmc_config/v1/domain/{domain_UUID}/policy/prefilterpolicies/{container_UUID}/prefilterrules/{object_UUID}

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

PUT prefilterrules

Request Type: **PUT**

Description: Modifies the prefilter rule associated with the specified rule ID.

URL:
/api/fmc_config/v1/domain/{domain_UUID}/policy/prefilterpolicies/{container_UUID}/prefilterrules/{object_UUID}

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

POST prefilterrules

Request Type: **POST**

Description: Creates a prefilter rule.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/prefilterpolicies/{container_UUID}/prefilterrules`

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

GET prefilterrules

Request Type: **GET**

Description: Retrieves the prefilter rule associated with the specified rule ID. If no ID is specified, retrieves list of all prefilter rules.

URL:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/prefilterpolicies/{container_UUID}/prefilterrules/`

URL for GET by ID:
`/api/fmc_config/v1/domain/{domain_UUID}/policy/prefilterpolicies/{container_UUID}/prefilterrules/{object_UUID}`

Permissions: Policies > Access Control > Prefilter Policy

GET snmpalerts

Request Type: **GET**

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

URL: `/api/fmc_config/v1/domain/{domain_UUID}/policy/snmpalerts`

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

Permissions: Policies > Actions > Alerts > View Alerts

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

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

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: Policies > Access Control > Access Control Policy

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 domain

Request Type: **GET**

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

URL: `/api/fmc_platform/v1/info/domain/{domain_UUID}/`

URL for GET by ID: `/api/fmc_platform/v1/info/domain/{domain_UUID}/{object_UUID}`

Permissions: System > Domains

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:

Update Packages

POST Cancel Upgrades

Request Type: **POST**

Description: This POST operation cancels software upgrade packages to applicable devices running FTD.

URL:`/api/fmc_platform/v1/updates/cancelupgrades`

Permissions: System > Updates

POST Retry Ugrades

Request Type: **POST**

Description: This POST operation retries software upgrade packages to applicable devices running FTD.

URL:`/api/fmc_platform/v1/updates/retryupgrades`

Permissions: System > Updates

DELETE upgradepackages

Request Type: **DELETE**

Description: Deletes a specific FTD upgrade package from the managing FMC.

URL: `/api/fmc_platform/v1/updates/upgradepackages/{package_UUID}`

GET upgradepackages

Request Type: **GET**

Description: Retrieves a list of locally available FTD upgrade packages, including major upgrades, maintenances release upgrades, and hotfixes.

URL: `/api/fmc_platform/v1/updates/upgradepackages`

URL for GET by ID: `/api/fmc_platform/v1/updates/upgradepackages/{package_UUID}`

GET listapplicabledevices

Request Type: **GET**

Description: Lists registered device containers that support the specific upgrade package.

URL: `/api/fmc_platform/v1/updates/upgradepackages/{container_UUID}/applicabledevices`

POST upgradepackage

Request Type: **POST**

Description: Dependent on the parameters, this POST operation either pushes available software upgrade packages to applicable devices running FTD or initiates the upgrade process for applicable devices running FTD. This process is applicable for standalone, clustered, or high availability pairs with the following limitations:

- For all configurations, ensure that the current POST operation is completed successfully before proceeding to the next POST operation.
- Perform the POST operation on the primary node of a high availability pair. Do not perform the POST operation for more than one high availability pair at a time.
- Perform the POST operation on the

Note Typically, the first POST operation responds within 60 seconds. Cisco recommends that you perform subsequent POST operations at least 120 seconds after the first POST operation was initiated. The response of the POST operation includes a task object, with a task ID and task status. You can monitor the completion of the task by performing a GET operation on the task object with its task ID. For more information, see GET taskstatuses, on page 119.

URL:`/api/fmc_platform/v1/updates/upgrades/`

GET upgradepackages: Monitor

Request Type: **GET**

Description: Monitors the upgrade process once you have executed the POST upgrade task.

URL: `/api/fmc_platform/v1/domain/{domain_UUID}/job/taskstatuses/{task_ID}`