



## About the Management Center REST API

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The management center REST API provides a lightweight API to manage a management center.

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## About the Management Center REST API

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

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

## Whats New in 7.1

The following new features and functionality were added in version 7.1.

- Added error  
401 Invalid Session
- Added error  
429 Too Many Writes
- Removed biased terminology from field names and descriptions
- Added the following new sections in API Explorer:
  - Troubleshoot
  - Network Map

## Chassis

## New API endpoints and Methods

**Table 1: New Endpoints: these are new endpoints and methods.**

| Name                                   | Methods                      | URL  |
|--|------------------------------|--|
| <b>Troubleshoot</b>                    |                              |  |
| Packet Tracer Files                    | DELETE, DELETE by ID         | /api/fmc_troubleshoot/v1/domain/{domainUUID}/packettracer/files/                                     |
| <b>Network Map</b>                     |                              |  |
| Netmap Hosts                           | GET, GET by ID, POST, DELETE | /api/fmc_netmap/v1/domain/{domainUUID}/hosts/{objectId}  |
| Vulns                                  | GET, GET by ID, POST, DELETE | /api/fmc_netmap/v1/domain/{domainUUID}/vulns/  |
| <b>Users</b>                           |                              |  |
| Duo Configs                            | GET, GET by ID, PUT          | /api/fmc_config/v1/domain/{domainUUID}/users/duoconfigs/   |
| <b>Deployment Services</b>             |                              |  |
| Job Histories                          | GET, GET by ID, PUT          | /api/fmc_config/v1/domain/{domainUUID}/deployment/jobhistories                                       |
| Download Reports                       | GET                          | /api/fmc_config/v1/domain/{domainUUID}/deployment/jobhistories/{jobid}/getreport/downloadreports     |
| Email Reports                          | POST                         | /api/fmc_config/v1/domain/{domainUUID}/deployment/jobhistories/{jobid}/getreport/emailreports        |
| <b>Device Clusters</b>                 |                              |  |
| Threat Defense Cluster Readiness Check | POST                         | /api/fmc_config/v1/domain/{domainUUID}/deviceclusters/ftdclusterreadinesscheck                       |
| Threat Defense Cluster Device Commands | POST                         | /api/fmc_config/v1/domain/{domainUUID}/deviceclusters/{clusterid}/getreport/ftdclusterdevicecommands |
| <b>Health Services</b>                 |                              |  |
| Tunnel Statuses                        | GET                          | /api/fmc_config/v1/domain/{domainUUID}/health/tunnelstatuses   |
| Tunnel Summaries                       | GET                          | /api/fmc_config/v1/domain/{domainUUID}/health/tunnelsummaries  |
| <b>Chassis</b>                         |                              |  |
| Management Center Managed Chassis      | GET, GET by ID               | /api/fmc_config/v1/domain/{domainUUID}/chassis/fmcmanagedchassis                                     |

| Name                                 | Methods                           | URL  |
|--------------------------------------|-----------------------------------|--|
| Network Modules                      | GET, GET by ID, PUT               | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/{chassis}/containers/{containerUUID}/networkmodules   |
| Sync Network Module                  | PUT                               | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/{chassis}/containers/{containerUUID}/operational/syncnetworkmodule                            |
| Chassis Interfaces                   | GET, GET by ID                    | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/{chassis}/containers/{containerUUID}/chassisinterfaces  |
| <b>Device Services</b>               |                                   |  |
| ECMP Zones                           | GET, GET by ID, PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}/routing/ecmpzones   |
| Virtual ECMP Zones                   | GET, GET by ID, PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}<br>/routing/virtualrouters/{virtualrouterUUID}<br>/ecmpzones    |
| Packet Tracer                        | POST                              | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}<br>/operational/packettracer                                    |
| Packet Tracer PCAP                   | POST                              | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}<br>/operational/packettracerpcap                                |
| Policy Based Routes                  | GET, GET by ID, PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}<br>/routing/policybasedroutes                                   |
| Virtual Policy Based Routes          | GET, GET by ID, PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}<br>/routing/virtualroutes/{virtualrouterUUID}/policybasedroutes |
| VTEP Policies                        | GET, GET by ID, PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}<br>/vteppolicies  |
| VNI Interfaces                       | GET, GET by ID, PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}<br>/vniinterfaces   |
| Threat Defense All Interfaces        | GET                               | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}<br>/ftdallinterfaces  |
| <b>Integration</b>                   |                                   |  |
| Dynamic Attributes Feeds             | GET, PUT                          | /api/fmc_config/v1/domain/{domainUUID}<br>/integration/dynamicattributesfeeds  |
| <b>Object</b>                        |                                   |  |
| Anyconnect External Browser Packages | GET, GET by ID                    | /api/fmc_config/v1/domain/{domainUUID}<br>/object/anyconnectexternalbrowserpackages  |

| Name                      | Methods   | URL  |
|---------------------------|---|--|
| Bulk Dynamic Objects      | POST  | /api/fmc_config/v1/domain/{domainUUID}/object/bulkdynamicobjects     |
| Extended Community Lists  | GET, GET by ID, GET overrides, GET overrides by ID, OUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/extendedcommunitylists |
| Packet Tracer PCAP List   | GET   | /api/fmc_config/v1/domain/{domainUUID}/object/packettracerpcaplist   |
| Packet Tracer PCAP Upload | POST  | /api/fmc_config/v1/domain/{domainUUID}/object/packettracerpcapupload |
| <b>Updates</b>            |   |  |
| Revert Upgrades           | POST  | /api/fmc_platform/v1/updates/revertupgrades                          |

New Methods for existing endpoints

**Table 2: New Methods for Existing Endpoints: these provide additional functionality for existing endpoints**

| Name                                     | Methods           | URL   |
|--|-------------------|---|
| <b>Device Clusters</b>                   |                   |   |
| Threat Defense Device Cluster (existing) | PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/deviceclusters/ftdddevicecluster/{objectId}                      |
| <b>Device Services</b>                   |                   |   |
| BGP                                      | PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/bgp                |
| BGP General Settings                     | PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/bgpgeneralsettings |
| <b>Object</b>                            |                   |   |
| AS Path Lists (existing)                 | PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/aspathlists   |
| Expanded Community Lists                 | PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/expandedcommunitylists                                    |
| Extended Access Lists                    | PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/extendedaccesslists                                       |
| IPv4 Prefix Lists (existing)             | PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/ipv4prefixlists   |
| IPv6 Prefix Lists                        | PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/ipv6prefixlists   |

| Name                     | Methods           | URL  |
|--------------------------|-------------------|--|
| Policy Lists             | PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/policylists            |
| Route Maps               | PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/routemaps              |
| Standard Access Lists    | PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/standardaccesslists    |
| Standard Community Lists | PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/standardcommunitylists |

## Whats New in 7.2

No new features or functionality were added in version 7.2.

New API endpoints and Methods

**Table 3: New Methods and Endpoints:**

| Name                | Methods                              | URL  |
|---------------------|--------------------------------------|--|
| <b>Chassis</b>      |                                      |  |
| Evaluate Operation  | GET                                  | /api/fmc_config/v1/domain/{domainUUID}/chassis/fmcmanagedchassis/{containerUUID}/chassisinterfaces/{interfaceUUID}/evaluateoperation |
| Breakout Interfaces | POST                                 | /api/fmc_config/v1/domain/{domainUUID}/chassis/fmcmanagedchassis/{containerUUID}/operational/breakoutinterfaces                      |
| Join Interfaces     | POST                                 | /api/fmc_config/v1/domain/{domainUUID}/chassis/fmcmanagedchassis/{containerUUID}/operational/joininterfaces                          |
| <b>Deployment</b>   |                                      |  |
| Download Reports    | GET                                  | /api/fmc_config/v1/domain/{domainUUID}/deployment/jobhistories/{containerUUID}/operational/downloadreports                           |
| Email Reports       | GET                                  | /api/fmc_config/v1/domain/{domainUUID}/deployment/jobhistories/{containerUUID}/operational/emailreports                              |
| <b>Devices</b>      |                                      |  |
| EIGRP Routes        | GET,<br>GET by ID, PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/eigrproutes                                     |

| Name                                    | Methods                                       | URL   |
|---|---|---|
| Virtual EIGRP Routes                    | GET,<br>GET by<br>ID, PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}/devices/<br>devicerecords/{containerUUID}/routing/virtualrouters/<br>{virtualrouterUUID}/eigrproutes |
| Device Settings                         | GET, PUT                                      | /api/fmc_config/v1/domain/{domainUUID}/devices/<br>devicesettings   |
| Change Managers                         | POST  | /api/fmc_config/v1/domain/{domainUUID}/devices/<br>operational/changemanagers   |
| <b>Integration</b>                      |   |   |
| EBS Snapshot                            | GET by<br>ID, POST                            | /api/fmc_config/v1/domain/{domainUUID}/integration/<br>ebssnapshot  |
| Test Umbrella<br>Connections            | POST  | /api/fmc_config/v1/domain/{domainUUID}/integration/<br>operational/testumbrellaconnections  |
| Umbrella Connections                    | GET,<br>GET by<br>ID, PUT,<br>POST            | /api/fmc_config/v1/domain/{domainUUID}/integration/<br>umbrellaconnections  |
| <b>Status</b>                           |   |   |
| Task Statuses                           | GET   | /api/fmc_config/v1/domain/{domainUUID}/job/ taskstatuses  |
| <b>Object</b>                           |   |   |
| AnyConnect External<br>Browser Packages | PUT,<br>POST,<br>DELETE                       | /api/fmc_config/v1/domain/{domainUUID}/object/<br>anyconnectexternalbrowserpackages   |
| AnyConnect Packages                     | PUT,<br>POST,<br>DELETE                       | /api/fmc_config/v1/domain/{domainUUID}/object/<br>anyconnectpackages  |
| AnyConnect Profiles                     | PUT,<br>POST,<br>DELETE                       | /api/fmc_config/v1/domain/{domainUUID}/object/<br>anyconnectprofiles  |
| Certificate Enrollments                 | PUT,<br>POST,<br>DELETE                       | /api/fmc_config/v1/domain/{domainUUID}/object/ certenrollment   |
| Certificate Maps                        | PUT,<br>POST,<br>DELETE                       | /api/fmc_config/v1/domain/{domainUUID}/object/<br>certificatemaps   |

| Name                         | Methods                 | URL   |
|------------------------------|-------------------------|---|
| Group Policies               | PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/ grouppolicies  |
| Host Scan Packages           | PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/<br>hostscanpackages  |
| IPv4 Address Pools           | PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/<br>ipv4addresspools  |
| IPv6 Address Pools           | PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/<br>ipv6addresspools  |
| Umbrella Protection Policies | GET,<br>POST            | /api/fmc_config/v1/domain/{domainUUID}/object/<br>operational/umbrellaprotectionpolicies                      |
| Radius Server Groups         | PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/<br>radiusservergroups  |
| SSO Servers                  | PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/ ssoservers   |
| <b>Policy</b>                |                         |   |
| Auto NAT Rules               | PUT,<br>DELETE          | /api/fmc_config/v1/domain/{domainUUID}/policy/<br>ftdnatpolicies/{containerUUID}/autonatrules                 |
| Manual NAT Rules             | PUT,<br>DELETE          | /api/fmc_config/v1/domain/{domainUUID}/policy/<br>ftdnatpolicies/{containerUUID}/manualnatrules               |
| NAT Rules                    | DELETE                  | /api/fmc_config/v1/domain/{domainUUID}/policy/<br>ftdnatpolicies/{containerUUID}/natrules                     |
| Health Policies              | GET,<br>GET by<br>ID    | /api/fmc_config/v1/domain/{domainUUID}/policy/ healthpolicies   |
| Policy Locks                 | GET,<br>POST            | /api/fmc_config/v1/domain/{domainUUID}/policy/<br>operational/policylocks                                     |
| RA VPNs                      | PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}/policy/ ravpns   |
| Address Assignment Settings  | PUT                     | /api/fmc_config/v1/domain/{domainUUID}/policy/<br>ravpns/{containerUUID}/addressassignmentsettings/{objectId} |

| Name                     | Methods                           | URL  |
|--------------------------|-----------------------------------|--|
| Certificate Map Settings | PUT                               | /api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/certificatemapsettings/{objectId} |
| Connection Profiles      | PUT, POST, DELETE                 | /api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/connectionprofiles                |
| IPSec Advanced Settings  | GET, GET by ID, PUT               | /api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/ipsecadvancedsettings             |
| IPSec Crypto Maps        | GET, GET by ID, PUT               | /api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/ipseccryptomaps                   |
| LDAP Attribute Maps      | GET, GET by ID, PUT               | /api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/ldapattributemaps                 |
| S2S VPN Summaries        | GET                               | /api/fmc_config/v1/domain/{domainUUID}/policy/s2svpnsummaries  |
| Umbrella DNS Policies    | GET, GET by ID, PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/policy/umbrelladnspolicies                                      |
| Umbrella DNS Rules       | GET, GET by ID, PUT               | /api/fmc_config/v1/domain/{domainUUID}/policy/umbrelladnspolicies/{containerUUID}/umbrelladnsrules     |
| <b>Search</b>            |                                   |  |
| Device                   | GET                               | /api/fmc_config/v1/domain/{domainUUID}/search/ device  |
| <b>License</b>           |                                   |  |
| Device Licenses          | GET, GET by ID, PUT, PUT by ID    | /api/fmc_platform/v1/license/ devicelicenses   |
| Smart Licenses           | GET, POST                         | /api/fmc_platform/v1/license/ smartlicenses  |
| <b>Updates</b>           |                                   |  |
| Upgrade Snapshot         | POST                              | /api/fmc_platform/v1/updates/ upgradesnapshot  |
| <b>Troubleshoot</b>      |                                   |  |



| Name | Methods | URL   |
|------|---------|---|
| Task | POST    | /api/fmc_troubleshoot/v1/domain/{domainUUID}/task |



**Note** Spaces have been added to the URLs to aid in readability. When using the URLs, remove the spaces.

## What's New in 7.3

Backup section has been added in 7.3.

New API endpoints and Methods

**Table 4: New Methods and Endpoints**

| Name                              | Methods                                    | URL   |
|-----------------------------------|--|---|
| <b>Backup</b>                     |  |   |
| Device Backup                     | POST                                       | /api/fmc_config/v1/domain/{domainUUID}/backup/operational/devicebackup  |
| Download Backup                   | GET,<br>GET by ID                          | /api/fmc_config/v1/domain/{domainUUID}/backup/downloadbackup/{targetId}   |
| Backup Files                      | GET,<br>GET by ID,<br>DELETE               | /api/fmc_config/v1/domain/{domainUUID}/ backup/files  |
| <b>Chassis</b>                    |  |   |
| Chassis Physical Interface        | GET,<br>GET by ID, PUT                     | /api/fmc_config/v1/domain/{domainUUID}/chassis/fmcmanagedchassis/{containerUUID}/physicalinterfaces                                 |
| <b>Devices</b>                    |  |   |
| Bidirectional Forwarding Policies | GET,<br>GET by ID, PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/bfdpolicies |
| Loopback Interfaces               | GET,<br>GET by ID, PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/loopbackinterfaces                                     |

| Name                                      | Methods                           | URL   |
|---|-----------------------------------|---|
| <b>Device Clusters</b>                    |                                   |   |
| Cluster Health Monitor Settings           | GET by ID, PUT                    | /api/fmc_config/v1/domain/{domainUUID}/deviceclusters/ftddevicecluster/{containerUUID}/clusterhealthmonitorsettings/{clusterUuid}/{object_UUID} |
| <b>Health</b>                             |                                   |   |
| Remote Access VPN Gateways                | GET, GET by ID                    | /api/fmc_config/v1/domain/{domainUUID}/health/ ravpngateways  |
| Terminate VPN Sessions                    | POST                              | /api/fmc_config/v1/domain/{domainUUID}/health/ ravpnsessions/operational/terminateravpnsessions   |
| Cisco Secure Dynamic Attributes Connector | GET, POST                         | /api/fmc_config/v1/domain/{domainUUID}/health/ csdac  |
| Path Monitored Interfaces                 | GET                               | /api/fmc_config/v1/domain/{domainUUID}/health/ pathmonitoredinterfaces  |
| <b>Integration</b>                        |                                   |   |
| Tunnel Deployments                        | GET, POST                         | /api/fmc_config/v1/domain/{domainUUID}/ integration/umbrella/tunneldeployments/{objectId}   |
| Tunnel Transcripts                        | GET by ID                         | /api/fmc_config/v1/domain/{domainUUID}/ integration/umbrella/tunneldeployments/{containerUUID}/transcripts/{objectId}                           |
| Data Centers                              | GET                               | /api/fmc_config/v1/domain/{domainUUID}/ integration/umbrella/datacenters  |
| Umbrella Transcripts                      | GET by ID                         | /api/fmc_config/v1/domain/{domainUUID}/ integration/umbrella/tunneldeployments/{containerUUID}/ transcripts/{objectId}/{object_UUID}            |
| <b>Object</b>                             |                                   |   |
| Bidirectional Forwarding Templates        | GET, GET by ID, PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/ bfdtemplates   |
| DHCP IPv6 Pools                           | GET, GET by ID, PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/ dhcpipv6pools/{objectId}   |

| Name                             | Methods                              | URL  |
|----------------------------------|--------------------------------------|--|
| Download Internal CA             | POST                                 | /api/fmc_config/v1/domain/{domainUUID}/object/downloadinternalca                         |
| Internal Certificate Authorities | GET,<br>GET by ID, PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/internalcas                                |
| Internal Certificates            | GET,<br>GET by ID, PUT, POST, DELETE | /api/fmc_config/v1/domain/{domainUUID}/object/internalcertificates                       |
| Security Group Tags              | PUT, POST, DELETE                    | /api/fmc_config/v1/domain/{domainUUID}/object/securitygrouptags                          |
| SI URL Lists                     | PUT, POST, DELETE                    | /api/fmc_config/v1/domain/{domainUUID}/object/siurllists                                 |
| Validate Certificate File        | POST                                 | /api/fmc_config/v1/domain/{domainUUID}/object/validatecertfile                           |
| <b>Policy</b>                    |                                      |  |
| FlexConfig Policies              | GET,<br>GET by ID, POST              | /api/fmc_config/v1/domain/{domainUUID}/policy/flexconfigpolicies                         |
| FTD Platform Settings            | GET,<br>GET by ID                    | /api/fmc_config/v1/domain/{domainUUID}/policy/ftdplatformsettingspolicies                |
| Load Balance Settings            | GET,<br>GET by ID, PUT               | /api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/loadbalancesettings |
| FlexConfig Migration             | POST                                 | /api/fmc_config/v1/domain/{domainUUID}/policy/flexconfigpolicies/{containerUUID}/migrate |



**Note** Spaces have been added to the URLs to aid in readability. When using the URLs, remove the spaces.

## What's New in 7.4

Analysis section has been added in 7.4.

New API endpoints and Methods

**Table 5: New Methods and Endpoints**

| Name                     | Methods                         | URL   |
|--------------------------|---------------------------------|---|
| <b>Analysis</b>          |                                 |   |
| Active Sessions          | GET,<br>DELETE                  | /api/fmc_config/v1/domain/{domainUUID}<br>/analysis/activesessions  |
| Logout                   | POST                            | /api/fmc_config/v1/domain/{domainUUID}<br>/analysis/activesessions/logout                                       |
| User Activity            | GET,<br>DELETE                  | /api/fmc_config/v1/domain/{domainUUID} /analysis/useractivity   |
| <b>Audit</b>             |                                 |   |
| Configuration Changes    | GET                             | /api/fmc_platform/v1/domain/{domainUUID} /audit/configchanges   |
| <b>Chassis</b>           |                                 |   |
| App Information          | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/fmcmanagedchassis/{containerUUID}/appinfo                    |
| Chassis Interface Events | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/fmcmanagedchassis/{containerUUID}<br>/chassisinterfaceevents |
| Etherchannel Interfaces  | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/fmcmanagedchassis/{containerUUID}<br>/etherchannelinterfaces |
| Fault Summary            | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/fmcmanagedchassis/{containerUUID} /faultsummary              |
| Instance Summary         | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/fmcmanagedchassis/{containerUUID} /instancesummary           |
| Interfaces               | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/fmcmanagedchassis/{containerUUID} /interfaces                |
| Interface Summary        | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/fmcmanagedchassis/{containerUUID}/interfacesummary           |
| Inventory Summary        | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/fmcmanagedchassis/{containerUUID}/inventorysummary           |

| Name                                      | Methods                         | URL   |
|---|---------------------------------|---|
| Logical Devices                           | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/fmcmanagedchassis/{containerUUID}/logicaldevices   |
| SNMP Settings                             | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/fmcmanagedchassis/{containerUUID}/snmpsettings   |
| Subinterfaces                             | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/chassis/fmcmanagedchassis/{containerUUID}/subinterfaces/{  |
| <b>Devices</b>                            |                                 |   |
| DDNS Settings                             | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}/dhcp/ddnssettings  |
| DHCP Relay Settings                       | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}/dhcp/dhcprelaysettings                                     |
| DHCP Server                               | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}/dhcp/dhcpserver  |
| Management Convergence Mode               | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}/managementconvergencemode                                  |
| Model Migrations                          | POST                            | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/operational/modelmigrations  |
| Virtual BiDirectional Forwarding Policies | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/devices/devicerecords/{containerUUID}<br>/routing/virtualrouters/{virtualrouterUUID}/bfdpolicies |
| <b>Health</b>                             |                                 |   |
| Tunnel Details                            | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/health/tunnelstatuses/{containerUUID}/tunneldetails  |
| <b>Integration</b>                        |                                 |   |
| CD FMC Snapshot                           | GET,<br>POST                    | /api/fmc_config/v1/domain/{domainUUID}<br>/integration/cdfmcsnapshot/{objectId}   |
| Refresh SecureX Configurations            | POST                            | /api/fmc_config/v1/domain/{domainUUID}<br>/integration/operational/refreshsecurexconfigs  |
| <b>Object</b>                             |                                 |   |
| Azure AD Realms                           | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID} /object/azureadrealms  |

| Name                           | Methods                         | URL  |
|--------------------------------|---------------------------------|--|
| Azure AD Statuses              | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/object/azureadstatuses                    |
| Cipher Suite Lists             | GET,<br>POST                    | /api/fmc_config/v1/domain/{domainUUID}<br>/object/ciphersuitelists                   |
| Custom SI IP List Download     | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/object/customsiiplistdownload/{objectId}  |
| Custom SI IP Lists             | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/object/customsiiplists                    |
| Custom SI URL Lists Download   | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/object/customsiurllistdownload/{objectId} |
| Custom SI URL Lists            | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/object/customsiurllists                   |
| Distinguished Name Groups      | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/object/distinguishednamegroups            |
| Distinguished Names            | GET,<br>POST                    | /api/fmc_config/v1/domain/{domainUUID}<br>/object/distinguishednames                 |
| Download Azure Ad Realms       | POST                            | /api/fmc_config/v1/domain/{domainUUID}<br>/object/azureadrealms/{realmId}/download   |
| External CA Certificate Groups | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/object/externalcacertificategroups        |
| External CA Certificates       | GET,<br>POST                    | /api/fmc_config/v1/domain/{domainUUID}<br>/object/externalcacertificates             |
| External Certificate Groups    | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/object/externalcertificategroups          |
| External Certificates          | GET,<br>POST                    | /api/fmc_config/v1/domain/{domainUUID}<br>/object/externalcertificates               |
| File Categories                | GET                             | /api/fmc_config/v1/domain/{domainUUID} /object/filecategories                        |
| File Types                     | GET                             | /api/fmc_config/v1/domain/{domainUUID} /object/filetypes                             |
| Internal Certificate Groups    | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/object/internalcertgroups                 |

| Name                               | Methods                         | URL  |
|------------------------------------|---------------------------------|--|
| NTP Servers                        | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID} /object/ntp servers                                       |
| Overlaps                           | POST                            | /api/fmc_config/v1/domain/{domainUUID}<br>/object/operational/overlaps                           |
| Resource Profiles                  | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/object/resourceprofiles                               |
| Secure Client Customizations       | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/object/secureclientcustomizations                     |
| SI Network Feeds                   | PUT,<br>POST,<br>DELETE         | /api/fmc_config/v1/domain/{domainUUID} /object/sinetworkfeeds                                    |
| SI URL Feeds                       | PUT,<br>POST,<br>DELETE         | /api/fmc_config/v1/domain/{domainUUID} /object/siurlfeeds  |
| Test Azure AD Realms               | POST                            | /api/fmc_config/v1/domain/{domainUUID}<br>/object/testazureadrealms                              |
| Users and Groups                   | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/object/azureadrealms/{realmId}/usersandgroups         |
| VLAN Group Tags                    | DELETE                          | /api/fmc_config/v1/domain/{domainUUID} /object/vlangrouptags                                     |
| <b>Policy</b>                      |                                 |  |
| Application Groups                 | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/ztnapolicies/{containerUUID}/applicationgroups |
| Applications                       | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/ztnapolicies/{containerUUID}/applications      |
| Chassis Platform Settings Policies | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/chassisplatformsettingspolicies                |

| Name                                 | Methods                         | URL   |
|--------------------------------------|---------------------------------|---|
| Decryption Policies                  | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/decryptionpolicies  |
| Decryption Policy Rules              | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/decryptionpolicies/{containerUUID}<br>/decryptionpolicyrules/{        |
| DNS Settings                         | GET,<br>POST                    | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/chassisplatformsettingspolicies/{containerUUID}/dnssettings           |
| File Policies                        | PUT,<br>DELETE                  | /api/fmc_config/v1/domain/{domainUUID} /policy/filepolicies   |
| File Rules                           | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/filepolicies/{containerUUID}/filerules                                |
| FTD Platform Settings Policies       | PUT,<br>POST,<br>DELETE         | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/ftdplatformsettingspolicies   |
| HTTP Access Settings                 | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/ftdplatformsettingspolicies/{containerUUID}<br>/httpaccesssettings/{  |
| NAT Exempt Rules                     | GET                             | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/natexemptrules/{deviceId}   |
| Netflow Policies                     | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/ftdplatformsettingspolicies/{containerUUID}<br>/netflowpolicies/{     |
| Secure Client Customization Settings | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/ravpns/{containerUUID}<br>/secureclientcustomizationsettings          |
| SSH Client Settings                  | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/chassisplatformsettingspolicies/{containerUUID}<br>/sshclientsettings |
| SSH Server Settings                  | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/chassisplatformsettingspolicies/{containerUUID}<br>/sshserversettings |
| SNMP Settings                        | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/ftdplatformsettingspolicies/{containerUUID}/snmpsettings              |
| Syslog Settings                      | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/chassisplatformsettingspolicies/{containerUUID}/syslogsettings/{      |



| Name                          | Methods                         | URL   |
|-------------------------------|---------------------------------|---|
| Time Synchronization Settings | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/chassisplatformsettingspolicies/{containerUUID}<br>/timesynchronizationsettings |
| Timezone Settings             | GET, PUT                        | /api/fmc_config/v1/domain/{domainUUID}<br>/policy/chassisplatformsettingspolicies/{containerUUID}<br>/timezonesettings            |
| ZTNA Policies                 | GET,<br>PUT,<br>POST,<br>DELETE | /api/fmc_config/v1/domain/{domainUUID} /policy/ztnapolicies   |
| <b>System Configuration</b>   |                                 |   |
| Remote Management Access      | GET, PUT                        | api/fmc_platform/v1/systemconfiguration<br>/remotemanagementaccess  |
| <b>Troubleshoot</b>           |                                 |   |
| Device                        | POST                            | /api/fmc_troubleshoot/v1/domain/{domainUUID}<br>/troubleshoot/device  |
| <b>Users</b>                  |                                 |   |
| Users                         | GET                             | /api/fmc_config/v1/domain/{domainUUID} /users/users   |



**Note** Spaces have been added to the URLs to aid in readability. When using the URLs, remove the spaces.

## Enabling the REST API

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



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

- Step 1** Navigate to the gear icon for the System menu. Under that menu select `Configuration` and then `REST API Preferences`.
- Step 2** Check the box marked `Enable REST API`.
- 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 API users separate when possible. Especially do not use an admin account as an API user unless specifically necessary.
- Do not give API 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 management center and managed devices.

## Additional Resources

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