



About the Management Center REST API

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

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About the Management Center REST API

With the release of management center REST API, you now have light-weight, easy-to-use option for managing devices through the cloud-delivered Firewall management center.

The REST API is enabled by default in the cloud-delivered management center.

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.

What's New

In these *What's New* tables, spaces have been added to the URLs to aid in readability. When using the URLs, remove the spaces.

What's New in 2023

October 19, 2023

Table 1: New Methods and Endpoints: October 19, 2023

Name	Methods	URL
Chassis		
Switchmode	POST	<code>/api/fmc_config/v1/domain/{domainUUID}</code> <code>/chassis/fmcmangedchassis /operational/switchmode</code>

Name	Methods	URL
Deployment		
Pending Changes Requests	POST	/api/fmc_config/v1/domain/{domainUUID} /deployment /pendingchangesrequests
Devices		
Virtual Access Interfaces	GET	/api/fmc_config/v1/domain/{domainUUID} /devices/devicerecords/{containerUUID} /operational/virtualaccessinterfaces
Policy		
Access List Settings	GET, PUT	/api/fmc_config/v1/domain/{domainUUID} /policy/chassisplatformsettingspolicies /{containerUUID}/accesslistsettings /{object_UUID}
VPN Tunnel Statuses	GET	/api/fmc_config/v1/domain/{domainUUID} /policy/vpntunnelstatuses
Status		
Download Reports	GET	/api/fmc_config/v1/domain/{domainUUID} /job/taskstatuses/{objectId} /operational/downloadreports
System Configuration		
Change Management Configurations	GET, PUT	/api/fmc_platform/v1/systemconfiguration /changemanagementconfigs

Table 2: New Methods and Endpoints: October 19, 2023

Name	Methods	URL
Analysis (NEW)		
Active Sessions	GET, DELETE	/api/fmc_config/v1/domain/{domainUUID} /analysis/activesessions
Logout	POST	/api/fmc_config/v1/domain/{domainUUID} /analysis/activesessions/logout
User Activity	GET, DELETE	/api/fmc_config/v1/domain/{domainUUID} /analysis/useractivity
Audit		
Configuration Changes	GET	/api/fmc_platform/v1/domain/{domainUUID} /audit/configchanges
Chassis		

Name	Methods	URL
App Information	GET	/api/fmc_config/v1/domain/{domainUUID} /chassis/fmcmanagedchassis/{containerUUID}/appinfo
Chassis Interface Events	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID} /chassis/fmcmanagedchassis/{containerUUID} /chassisinterfaceevents
Etherchannel Interfaces	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID} /chassis/fmcmanagedchassis/{containerUUID} /etherchannelinterfaces
Fault Summary	GET	/api/fmc_config/v1/domain/{domainUUID} /chassis/fmcmanagedchassis/{containerUUID} /faultsummary
Instance Summary	GET	/api/fmc_config/v1/domain/{domainUUID} /chassis/fmcmanagedchassis/{containerUUID} /instancesummary
Interfaces	GET	/api/fmc_config/v1/domain/{domainUUID} /chassis/fmcmanagedchassis/{containerUUID} /interfaces
Interface Summary	GET	/api/fmc_config/v1/domain/{domainUUID} /chassis/fmcmanagedchassis/{containerUUID}/interfacesummary
Inventory Summary	GET	/api/fmc_config/v1/domain/{domainUUID} /chassis/fmcmanagedchassis/{containerUUID}/inventorysummary
Logical Devices	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID} /chassis/fmcmanagedchassis/{containerUUID}/logicaldevices
SNMP Settings	GET, PUT	/api/fmc_config/v1/domain/{domainUUID} /chassis/fmcmanagedchassis/{containerUUID}/snmpsettings
Subinterfaces	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID} /chassis/fmcmanagedchassis/{containerUUID}/subinterfaces/{
Devices		
DDNS Settings	GET, PUT	/api/fmc_config/v1/domain/{domainUUID} /devices/devicerecords/{containerUUID}/dhcp/ddnssettings
DHCP Relay Settings	GET, PUT	/api/fmc_config/v1/domain/{domainUUID} /devices/devicerecords/{containerUUID}/dhcp/dhcprelaysettings
DHCP Server	GET, PUT	/api/fmc_config/v1/domain/{domainUUID} /devices/devicerecords/{containerUUID}/dhcp/dhcpserver
Management Convergence Mode	GET, PUT	/api/fmc_config/v1/domain/{domainUUID} /devices/devicerecords/{containerUUID}/managementconvergencemode
Model Migrations	POST	/api/fmc_config/v1/domain/{domainUUID} /devices/operational/modelmigrations

Name	Methods	URL
Virtual BiDirectional Forwarding Policies	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID} /devices/devicerecords/{containerUUID} /routing/virtualrouters/{virtualrouterUUID}/bfdpolicies
Health		
Tunnel Details	GET	/api/fmc_config/v1/domain/{domainUUID} /health/tunnelstatuses/{containerUUID}/tunneldetails
Integration		
CD FMC Snapshot	GET, POST	/api/fmc_config/v1/domain/{domainUUID} /integration/cdfmcsnapshot/{objectId}
Refresh SecureX Configurations	POST	/api/fmc_config/v1/domain/{domainUUID} /integration/operational/refreshsecurexconfigs
Object		
Azure AD Realms	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID} /object/azureadrealms
Azure AD Statuses	GET	/api/fmc_config/v1/domain/{domainUUID} /object/azureadstatuses
Cipher Suite Lists	GET, POST	/api/fmc_config/v1/domain/{domainUUID} /object/ciphersuitelists
Custom SI IP List Download	GET	/api/fmc_config/v1/domain/{domainUUID} /object/customsiiplistdownload/{objectId}
Custom SI IP Lists	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID} /object/customsiiplists
Custom SI URL Lists Download	GET	/api/fmc_config/v1/domain/{domainUUID} /object/customsiurllistdownload/{objectId}
Custom SI URL Lists	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID} /object/customsiurllists
Distinguished Name Groups	GET	/api/fmc_config/v1/domain/{domainUUID} /object/distinguishednamegroups
Distinguished Names	GET, POST	/api/fmc_config/v1/domain/{domainUUID} /object/distinguishednames
Download Azure Ad Realms	POST	/api/fmc_config/v1/domain/{domainUUID} /object/azureadrealms/{realmId}/download
External CA Certificate Groups	GET	/api/fmc_config/v1/domain/{domainUUID} /object/externalcacertificategroups
External CA Certificates	GET, POST	/api/fmc_config/v1/domain/{domainUUID} /object/externalcacertificates

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

Name	Methods	URL
Decryption Policies	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID}/policy/decryptionpolicies
Decryption Policy Rules	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID}/policy/decryptionpolicies/{containerUUID}/decryptionpolicyrules/{
File Policies	PUT, POST,DELETE	/api/fmc_config/v1/domain/{domainUUID}/policy/filepolicies
File Rules	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID}/policy/filepolicies/{containerUUID}/filerules
FTD Platform Settings Policies	PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID}/policy/ftdplatformsettingspolicies
HTTP Access Settings	GET, PUT	/api/fmc_config/v1/domain/{domainUUID}/policy/ftdplatformsettingspolicies/{containerUUID}/httpaccesssettings/{
NAT Exempt Rules	GET	/api/fmc_config/v1/domain/{domainUUID}/policy/natexemptrules/{deviceId}
Netflow Policies	GET, PUT	/api/fmc_config/v1/domain/{domainUUID}/policy/ftdplatformsettingspolicies/{containerUUID}/netflowpolicies/{
Secure Client Customization Settings	GET, PUT	/api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/secureclientcustomizationsettings
SSH Client Settings	GET, PUT	/api/fmc_config/v1/domain/{domainUUID}/policy/chassisplatformsettingspolicies/{containerUUID}/sshclientsettings
SSH Server Settings	GET, PUT	/api/fmc_config/v1/domain/{domainUUID}/policy/chassisplatformsettingspolicies/{containerUUID}/sshserversettings
SNMP Settings	GET, PUT	/api/fmc_config/v1/domain/{domainUUID}/policy/ftdplatformsettingspolicies/{containerUUID}/snmpsettings
Syslog Settings	GET, PUT	/api/fmc_config/v1/domain/{domainUUID}/policy/chassisplatformsettingspolicies/{containerUID}/syslogsettings/{
Zero Trust Applications	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID}/policy/zerotrustpolicies/{containerUUID}/applications
Zero Trust Application Groups	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID}/policy/zerotrustpolicies
Zero Trust Policies	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID}/policy/zerotrustpolicies/{containerUUID}/applicationgroups

Name	Methods	URL
ZTNA Policies	GET, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID}/policy/ztnapolicies
System Configuration		
Remote Management Access	GET, PUT	api/fmc_platform/v1/systemconfiguration/remotemanagementaccess
Troubleshoot		
Device	POST	/api/fmc_troubleshoot/v1/domain/{domainUUID}/troubleshoot/device
Users		
Users	GET	/api/fmc_config/v1/domain/{domainUUID}/users/users

What's New in 2022

December 13, 2022

Table 3: New Methods and Endpoints: December 13, 2022

Name	Methods	URL
Backup (NEW)		
Device Backup	POST	/api/fmc_config/v1/domain/{domainUUID}/backup/operational/devicebackup
Download Backup	GET, GET by ID	/api/fmc_config/v1/domain/{domainUUID}/backup/downloadbackup/{targetId}
Backup Files	GET, GET by ID, DELETE	/api/fmc_config/v1/domain/{domainUUID}/ backup/files
Chassis		
Chassis Physical Interface	GET, GET by ID, PUT	/api/fmc_config/v1/domain/{domainUUID}/chassis/fmcmanagedchassis/{containerUUID}/physicalinterfaces
Devices		
Device Records	PUT	/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{objectId}
Bidirectional Forwarding Policies	GET, GET by ID, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/routing/virtualrouters/{virtualrouterUUID}/bfdpolicies

Name	Methods	URL
Loopback Interfaces	GET, GET by ID, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID}/devices/devicerecords/{containerUUID}/loopbackinterfaces
Device Clusters		
Cluster Health Monitor Settings	GET by ID, PUT	/api/fmc_config/v1/domain/{domainUUID}/deviceclusters/ftddevicecluster/{containerUUID}/clusterhealthmonitorsettings/{clusterUuid}/{object_UUID}
Health		
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
Integration		
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}
Test Umbrella Connections	POST	/api/fmc_config/v1/domain/{domainUUID}/integration/operational/testumbrellaconnections
Umbrella Connections	GET, GET by ID, PUT, POST	/api/fmc_config/v1/domain/{domainUUID}/integration/umbrellaconnections
Data Centers	GET	/api/fmc_config/v1/domain/{domainUUID}/integration/umbrella/datacenters
Object		
AnyConnect Custom Attributes	PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID}/object/anyconnectcustomattributes/{objectId}
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, GET by ID, PUT, POST, DELETE	/api/fmc_config/v1/domain/{domainUUID}/object/internalcas
Internal Certificates	GET, 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
Policy		
FlexConfig Policies	GET, GET by ID, POST	/api/fmc_config/v1/domain/{domainUUID}/policy/flexconfigpolicies
FTD Platform Settings	GET, GET by ID	/api/fmc_config/v1/domain/{domainUUID}/policy/ftdplatformsettingspolicies
Load Balance Settings	GET, GET by ID, PUT	/api/fmc_config/v1/domain/{domainUUID}/policy/ravpns/{containerUUID}/loadbalancesettings

Enabling the REST API

The management center REST API is enabled by default.

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- Step 1** Choose **System** (⚙️) > **Configuration** > **REST API Preferences**.
- Step 2** Check **Enable REST API**.
- Step 3** Click **Save**.
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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.

Additional Resources

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