



Cisco MSX APIs

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API Version Lifecycle and Status

Various API status are given below:

- **Active:** An active API version is the most current and fully supported API. It is the recommended version that should be used by everyone.
- **Deprecated:** A deprecated API version is superseded by a newer API version. It is available for the release in which it is deprecated and also available for one additional release.

For example, if an API is deprecated in release 1.2.0, this API will be available in release 1.3.0, but maybe decommissioned in release 1.4.0.

New consumers are denied access to the deprecated APIs (enforcement policy pending).

- **Retired:** A retired API version is an API that should have been decommissioned but due to extenuating circumstances, it is still in use. The API is no longer supported (no bug fixes) and it includes any API deprecated for more than two releases. Any application using a retired API must migrate to an active API.
- **Decommissioned:** A decommissioned API version is no longer available in production. This typically occurs after an API is deprecated in two releases.

State Transition

Active > Deprecated > Retired (Optional) > Decommissioned

Table 1: API Version Status Table

Active	Deprecated	Retired	Decommissioned
API is live in production.	API is live in production.	API is live in production.	API is NOT available in production.
Documentation* : Available for review at launch.	Documentation : Deprecated status indicated and posted on day of deprecation.	Documentation : Retired status indicated and posted on day of retirement.	Documentation : N/A
Support : Updated with bug fixes and new features are available.	Support : Updated with bug fixes for a release only.	Support : None	Support : None
Release Notes : Notify at launch.	Release Notes : Notify on release day; Announce when deprecated.	Release Notes : Notify prior release; Announce when retired.	Release Notes : Notify prior release.

Deprecated APIs

This section contains the list of deprecated APIs, retired APIs, and decommissioned APIs of Cisco MSX. The table below has both original APIs and the APIs that are replacing these original APIs.

The deprecated APIs are:

Deprecated APIs in Cisco MSX 4.3

No APIs have been deprecated.

Deprecated APIs in Cisco MSX 4.2

No APIs have been deprecated.

Retired APIs from Cisco MSX

The table below has APIs that had been deprecated from Cisco MSX releases and may be decommissioned at any time. For more information on retired status, see [API Version Lifecycle and Status](#).

Table 2: APIs Retired from Cisco MSX

Category		Deprecated API	Replacement API
Administration			
Global Settings	GET	/administration/api/v1/globalsettings	GET /administration/api/v2/globalsettings
Global Settings	PUT	/administration/api/v1/globalsettings	PUT /administration/api/v2/globalsettings/{globalSettingId}
Incident			
Configuration	GET	/incident/api/v1/config	GET /incident/api/v8/configurations, GET /incident/api/v8/configurations/{id}
Configuration	PATCH	/incident/api/v1/config	N/A
Configuration	PUT	/incident/api/v1/config	POST /incident/api/v8/configurations
Manage			
Device Templates	POST	/manage/api/v1/devicetemplates (MIME type: multipart/form-data)	POST /manage/api/v8/devicetemplates
Device Templates	DELETE	/manage/api/v3/devices/{deviceId}/templates	DELETE /manage/api/v8/devices/{id}/templates
Device Templates	GET	/manage/api/v3/devices/{deviceId}/templates	GET /manage/api/v8/devices/{id}/templates
Device Templates	POST	/manage/api/v3/devices/{deviceId}/templates	POST /manage/api/v8/devices/{id}/templates

Category		Deprecated API	Replacement API
Device Templates	PUT	/manage/api/v3/devices/{deviceId}/templates	PUT /manage/api/v8/devices/{id}/templates
Device Templates	DELETE	/manage/api/v3/devices/{deviceId}/templates/{templateId}	DELETE /manage/api/v8/devices/{id}/templates/{templateId}
Device Templates	DELETE	/manage/api/v4/devices/{id}/templates	DELETE /manage/api/v8/devices/{id}/templates
Device Templates	POST	/manage/api/v8/parameters/scan	N/A
Devices	GET	/manage/api/v1/devices/aggregate	N/A
Devices	GET	/manage/api/v3/devices/{deviceId}/config	GET /manage/api/v8/devices/{id}/config
Devices	POST	/manage/api/v3/devices/{deviceId}/redeploy	POST /manage/api/v8/devices/{id}/redeploy
Devices	GET	/manage/api/v4/devices	GET /manage/api/v8/devices
Devices	POST	/manage/api/v4/devices	POST /manage/api/v8/devices
Devices	DELETE	/manage/api/v4/devices/{id}	DELETE /manage/api/v8/devices/{id}
Devices	GET	/manage/api/v4/devices/{id}	GET /manage/api/v8/devices/{id}
Devices	PUT	/manage/api/v4/devices/{id}	PUT /manage/api/v8/devices/{id}, PATCH /manage/api/v8/devices/{id}
Services	DELETE	/manage/api/v1/serviceinstances/{serviceInstanceId}	DELETE /manage/api/v8/services/{id}
Services	PUT	/manage/api/v1/serviceinstances/{serviceInstanceId}	PUT /manage/api/v8/services/{id}
Services	GET	/manage/api/v1/serviceinstances/subscriptions/{subscriptionId}	N/A
Services	POST	/manage/api/v1/serviceinstances/subscriptions/{subscriptionId}	POST /manage/api/v8/services
Services	POST	/manage/api/v1/services/{serviceId}/offers/{offerId}	POST /manage/api/v8/services/{serviceId}/offers/{offerId}
Services	PUT	/manage/api/v1/services/{serviceId}/offers/{offerId}	PUT /manage/api/v8/services/{serviceId}/offers/{offerId}
Services	GET	/manage/api/v2/serviceinstances/{serviceInstanceId}	GET /manage/api/v8/services/{id}
Services	GET	/manage/api/v2/serviceinstances/subscriptions/{subscriptionId}	N/A
Sites	GET	/manage/api/v2/site/device/{deviceInstanceId}	GET /manage/api/v8/sites/{id}

Category		Deprecated API	Replacement API
Sites	GET	/manage/api/v3/sites	GET /manage/api/v8/sites
Sites	POST	/manage/api/v3/sites	POST /manage/api/v8/sites
Sites	DELETE	/manage/api/v3/sites/{id}	DELETE /manage/api/v8/sites/{id}
Sites	GET	/manage/api/v3/sites/{id}	GET /manage/api/v8/sites/{id}
Sites	PUT	/manage/api/v3/sites/{id}	PUT /manage/api/v8/sites/{id}
Sites	DELETE	/manage/api/v3/sites/{id}/devices/ {deviceId}	POST /manage/api/v8/sites/{id}/devices /remove
Sites	PUT	/manage/api/v3/sites/{id}/devices/ {deviceId}	POST /manage/api/v8/sites/{id}/devices /add
Sites	DELETE	/manage/api/v3/sites/{id}/services/ {serviceInstanceId}	POST /manage/api/v8/sites/{id}/services /remove
Sites	PUT	/manage/api/v3/sites/{id}/services/ {serviceInstanceIds}	POST /manage/api/v8/sites/{id}/services /add
Sites	PUT	/manage/api/v3/sites/{id}/status	N/A
Monitor			
Metrics	GET	/monitor/api/v1/metrics/ status/history	N/A
Query	PUT	/monitor/api/v1/query/devicehealth	PUT /monitor/api/v2/query/ devicehealth
Query	GET	/monitor/api/v1/query/devicehealth/ {deviceId}	GET /monitor/api/v2/query/ devicehealth/{deviceId}
Query	POST	/monitor/api/v1/query/servicemetric	POST /monitor/api/v2/query
Query	PUT	/monitor/api/v1/query/servicemetric	PUT /monitor/api/v2/query/ servicemetric
Query	DELETE	/monitor/api/v1/query/ servicemetric/{serviceId}	DELETE /monitor/api/v2/query/ servicemetric/{serviceId}
Query	GET	/monitor/api/v1/query/ servicemetric/{serviceId}	GET /monitor/api/v2/query/ servicemetric/{serviceId}
Query	GET	/monitor/api/v1/template/devicehealth	GET /monitor/api/v2/querytemplates/ device
Query	POST	/monitor/api/v1/template/devicehealth	POST /monitor/api/v2/querytemplates/ device
Query	DELETE	/monitor/api/v1/template/devicehealth/ {type}/{profile}/{specifictype}	DELETE /monitor/api/v2/querytemplates/ device/{type}/{profile}/{specifictype}
Query	GET	/monitor/api/v1/template/devicehealth/ {type}/{profile}/{specifictype}	GET /monitor/api/v2/querytemplates/ device/{type}/{profile}/{specifictype}
Query	GET	/monitor/api/v1/template/servicemetric	GET /monitor/api/v2/querytemplates/ service

Category		Deprecated API	Replacement API
Query	POST	/monitor/api/v1/template/servicemetric	POST /monitor/api/v2/querytemplates/ service
Query	DELETE	/monitor/api/v1/template/servicemetric/ {servicename}	DELETE /monitor/api/v2/querytemplates/ service/{servicename}
Query	GET	/monitor/api/v1/template/servicemetric/ {servicename}	GET /monitor/api/v2/querytemplates/ service/{servicename}
Health	GET	/monitor/api/v2/health/devices	N/A
Health	GET	/monitor/api/v2/health/services	N/A
Orchestration			
Catalogs	GET	/orchestration/api/v1/shards/ {shardId}/config/catalog/	GET /orchestration/api/v1/ services/{serviceType}/config/catalog/
Catalogs	POST	/orchestration/api/v1/shards/ {shardId}/config/catalog/	PUT /orchestration/api/v1/ services/{serviceType}/config/catalog/{id}
Catalogs	DELETE	/orchestration/api/v1/shards/ {shardId}/config/catalog/{id}	DELETE /orchestration/api/v1/ services/{serviceType}/config/catalog/{id}
Catalogs	GET	/orchestration/api/v1/shards/ {shardId}/config/catalog/{id}	GET /orchestration/api/v1/ services/{serviceType}/config/catalog/{id}
Catalogs	PUT	/orchestration/api/v1/shards/ {shardId}/config/catalog/{id}	PUT /orchestration/api/v1/ services/{serviceType}/config/catalog/{id}
NSDs	GET	/orchestration/api/v1/shards/ {shardId}/config/nfvo/nsd/	GET /orchestration/api/v1/ services/{serviceType}/config/nfvo/nsd/
NSDs	POST	/orchestration/api/v1/shards/ {shardId}/config/nfvo/nsd/	PUT /orchestration/api/v1/ services/{serviceType}/config/nfvo/nsd/{id}
NSDs	DELETE	/orchestration/api/v1/shards/ {shardId}/config/nfvo/nsd/{id}	DELETE /orchestration/api/v1/ services/{serviceType}/config/nfvo/nsd/{id}
NSDs	GET	/orchestration/api/v1/shards/ {shardId}/config/nfvo/nsd/{id}	GET /orchestration/api/v1/ services/{serviceType}/config/nfvo/nsd/{id}
NSDs	PUT	/orchestration/api/v1/shards/ {shardId}/config/nfvo/nsd/{id}	PUT /orchestration/api/v1/ services/{serviceType}/config/nfvo/nsd/{id}
Other	POST	/orchestration/api/v1/subscription	POST /orchestration/api/v1/submit
VNFDs	GET	/orchestration/api/v1/shards/ {shardId}/config/nfvo/vnfd/	GET /orchestration/api/v1/ services/{serviceType}/config/nfvo/vnfd/
VNFDs	POST	/orchestration/api/v1/shards/ {shardId}/config/nfvo/vnfd/	PUT /orchestration/api/v1/ services/{serviceType}/config/nfvo/vnfd/{id}
VNFDs	DELETE	/orchestration/api/v1/shards/ {shardId}/config/nfvo/vnfd/{id}	DELETE /orchestration/api/v1/ services/{serviceType}/config/nfvo/vnfd/{id}
VNFDs	GET	/orchestration/api/v1/shards/ {shardId}/config/nfvo/vnfd/{id}	GET /orchestration/api/v1/ services/{serviceType}/config/nfvo/vnfd/{id}
VNFDs	PUT	/orchestration/api/v1/shards/ {shardId}/config/nfvo/vnfd/{id}	PUT /orchestration/api/v1/ services/{serviceType}/config/nfvo/vnfd/{id}

Category		Deprecated API	Replacement API
Service Configuration			
Applications	POST	/template/api/v1/serviceconfigurations/{serviceConfigId}/applications/{applicationId}/status	PATCH /template/api/v8/templates/applications/{id}
Applications	GET	/template/api/v1/serviceconfigurations/{serviceConfigId}/applications/target/{targetEntityType}/{targetEntityId}	GET /template/api/v8/templates/applications
Applications	GET	/template/api/v1/serviceconfigurations/applications	GET /template/api/v8/templates/applications
Applications	POST	/template/api/v1/serviceconfigurations/applications	POST /template/api/v8/templates/{id}/applications
Applications	DELETE	/template/api/v1/serviceconfigurations/applications/{id}	DELETE /template/api/v8/templates/applications/{id}
Applications	GET	/template/api/v1/serviceconfigurations/applications/{id}	GET /template/api/v8/templates/applications/{id}
Application Audit	GET	/template/api/v1/serviceconfigurations/applications/audits	GET /template/api/v8/templates/applications/{id}/history
Assignments	GET	/template/api/v1/serviceconfigurations/assign/{id}	GET /template/api/v8/templates/assignments/{id}
Assignments	DELETE	/template/api/v1/serviceconfigurations/assign/{serviceConfigId}	POST /template/api/v8/templates/{id}/assignments/remove
Assignments	POST	/template/api/v1/serviceconfigurations/assign/{serviceConfigId}	POST /template/api/v8/templates/{id}/assignments/add
Assignments	GET	/template/api/v1/serviceconfigurations/assign/all	GET /template/api/v8/templates/assignments
Assignments	GET	/template/api/v1/serviceconfigurations/assign/config/{serviceConfigId}	GET /template/api/v8/templates/assignments
Assignments	POST	/template/api/v1/serviceconfigurations/assign/events/{serviceConfigId}/{assignedTenantId}	PATCH /template/api/v8/templates/assignments/{id}
Assignments	GET	/template/api/v1/serviceconfigurations/assign/tenants/{serviceConfigId}	GET /template/api/v8/templates/assignments
Audit	GET	/template/api/v1/serviceconfigurations/audit/all	N/A
Audit	GET	/template/api/v1/serviceconfigurations/audit/byScId/{serviceConfigId}	GET /template/api/v8/templates/{id}/history
Audit	GET	/template/api/v1/serviceconfigurations/audit/byTenantId/{tenantId}	N/A
Configurations	GET	/template/api/v1/serviceconfigurations	GET /template/api/v8/templates
Configurations	POST	/template/api/v1/serviceconfigurations	POST /template/api/v8/templates

Category		Deprecated API	Replacement API
Configurations	PUT	/template/api/v1/serviceconfigurations	N/A
Configurations	DELETE	/template/api/v1/serviceconfigurations/{serviceConfigId}	DELETE /template/api/v8/templates/{id}
Configurations	GET	/template/api/v1/serviceconfigurations/{serviceConfigId}	GET /template/api/v8/templates/{id}
Configurations	POST	/template/api/v1/serviceconfigurations/events/{serviceConfigId}	PATCH /template/api/v8/templates/{id}
Usermanagement/IDM			
Tenants	GET	/idm/api/v1/tenants/{tenantName}	GET /idm/api/v8/tenants/{id}
Tenants	GET	/idm/api/v3/tenants	GET /idm/api/v8/tenants
Tenants	POST	/idm/api/v3/tenants	POST /idm/api/v8/tenants
Tenants	PUT	/idm/api/v3/tenants/{id}	PUT /idm/api/v8/tenants/{id}
Tenants	GET	/idm/api/v3/tenants/{tenantId}	GET /idm/api/v8/tenants/{id}
Tenants	DELETE	/idm/api/v3/tenants/{tenantName}	DELETE /idm/api/v8/tenants/{id}
Users	GET	/idm/api/v1/pwdpolicy/userId/{userId}	GET /idm/api/v1/policies/{name}
Users	GET	/idm/api/v1/pwdpolicy/userId/{userId}/token/{token}	GET /idm/api/v1/pwdpolicy/userId/{userId}
Users	PUT	/idm/api/v1/update_password	PUT /idm/api/v8/users/{id}/updatepassword
Users	GET	/idm/api/v1/users/capabilities	GET /idm/api/v8/users/{id}, GET /idm/api/v8/roles/list
Users	PUT	/idm/api/v1/users/identity	PUT /idm/api/v8/users/{id}/updatepassword
Users	GET	/idm/api/v1/users/suggestPassword/{userId}/token/{token}	GET /idm/api/v1/users/suggestPassword/{userId}
Users	GET	/idm/api/v1/users/tenants	GET /idm/api/v8/users/{id}
Users	GET	/idm/api/v1/users/uuid/{id}	GET /idm/api/v8/users/{id}
Users	GET	/idm/api/v2/users	GET /idm/api/v8/users
Users	DELETE	/idm/api/v2/users/{id}	DELETE /idm/api/v8/users/{id}
Users	PUT	/idm/api/v2/users/{id}	PUT /idm/api/v8/users/{id}
Workflow			
Categories	GET	/workflow/api/v1/categories	GET /workflow/api/v8/categories/list

Category		Deprecated API	Replacement API
Categories	POST	/workflow/api/v1/categories	POST /workflow/api/v8/categories
Categories	DELETE	/workflow/api/v1/categories/{id}	DELETE /workflow/api/v8/categories/{id}
Categories	GET	/workflow/api/v1/categories/{id}	GET /workflow/api/v8/categories/{id}
Categories	PUT	/workflow/api/v1/categories/{id}	PUT /workflow/api/v8/categories/{id}
Events	GET	/workflow/api/v1/events	GET /workflow/api/v8/events/list
Events	POST	/workflow/api/v1/events	POST /workflow/api/v8/events
Events	DELETE	/workflow/api/v1/events/{id}	DELETE /workflow/api/v8/categories/{id}
Events	GET	/workflow/api/v1/events/{id}	GET /workflow/api/v8/events/{id}
Events	PUT	/workflow/api/v1/events/{id}	PUT /workflow/api/v8/ categories/{id}
Schemas	GET	/workflow/api/v1/schemas	GET /workflow/api/v8/schemas/list
Schemas	GET	/workflow/api/v1/schemas/{id}	GET /workflow/api/v8/schemas/{id}
Targets	GET	/workflow/api/v1/targets	GET /workflow/api/v8/targets/list
Targets	POST	/workflow/api/v1/targets	POST /workflow/api/v8/targets
Targets	DELETE	/workflow/api/v1/targets/{id}	DELETE /workflow/api/v8/targets/{id}
Targets	GET	/workflow/api/v1/targets/{id}	GET /workflow/api/v8/targets/{id}
Targets	PUT	/workflow/api/v1/targets/{id}	PUT /workflow/api/v8/targets/{id}
Workflow Instances	DELETE	/workflow/api/v1/workflows/ instances/{id}	DELETE /workflow/api/v8/workflows /instances/{id}
Workflow Instances	GET	/workflow/api/v1/workflows/ instances/{id}	GET /workflow/api/v8/workflows /instances/{id}
Workflow Instances	GET	/workflow/api/v1/workflows/ instances/{id}/actions/{actionId}	GET /workflow/api/v8/workflows /instances/{id}/actions/{actionId}
Workflow Instances	POST	/workflow/api/v1/workflows/ instances/{id}/cancel	POST /workflow/api/v8/workflows /instances/{id}/cancel
Workflows	POST	/workflow/api/v1.1/workflows	N/A
Workflows	GET	/workflow/api/v1/workflows	GET /workflow/api/v8/workflows/list
Workflows	POST	/workflow/api/v1/workflows	POST /workflow/api/v8/workflows
Workflows	DELETE	/workflow/api/v1/workflows/{id}	DELETE /workflow/api/v8/workflows/{id}
Workflows	GET	/workflow/api/v1/workflows/{id}	GET /workflow/api/v8/workflows/{id}

Category		Deprecated API	Replacement API
Workflows	PUT	/workflow/api/v1/workflows/{id}	PUT /workflow/api/v8/workflows/{id}
Workflows	GET	/workflow/api/v1/workflows/{id}/export	GET /workflow/api/v8/workflows/{id}/export
Workflows	GET	/workflow/api/v1/workflows/{id}/instances	GET /workflow/api/v8/workflows/{id}/instances/list
Workflows	POST	/workflow/api/v1/workflows/{id}/start	POST /workflow/api/v8/workflows/{id}/start
Workflows	GET	/workflow/api/v1/workflows/{id}/startconfig	GET /workflow/api/v8/workflows/{id}/startconfig
Workflows	POST	/workflow/api/v1/workflows/{id}/validate	POST /workflow/api/v8/workflows/{id}/validate
Workflows	GET	/workflow/api/v1/workflows/mapping/uniqueName/{uniqueName}	GET /workflow/api/v8/workflows/mapping/uniqueName/{uniqueName}

Decommissioned APIs from Cisco MSX 4.3.0

No APIs have been decommissioned.

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