



Cisco Managed Services Accelerator (MSX) 4.3 Release Notes

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CHAPTER 1

About this Document

This chapter provides an introduction of the Cisco MSX Platform and Service Packs.

- [Document Revision History](#), on page 1
- [Introduction](#), on page 1
- [Software Compatibility Matrix](#), on page 2

Document Revision History

Table 1: Document Revision History

Revision Date	Change Summary
May 20, 2022	This is the first version of this documentation.

Introduction

Cisco MSX is a service creation and delivery platform that enables fast deployment of cloud-based and on-premise networking services for both Enterprises and service providers customers. Through the combination of the Cisco MSX platform and service packs, the Cisco MSX solution offers a complete platform that enables the Service Providers and Enterprises to offer the next-generation network services.

Cisco MSX 4.3 is a SaaS-only release. For on-prem deployment, you must continue using release 3.10.

The components of Cisco MSX are listed here:

- Cisco MSX Platform—A common framework that supports the full range of service-creation requirements.
- Cisco MSX Service Packs—Pre-packaged software with capabilities for fully automating end-to-end service-creation, which includes ordering, service chaining, orchestration, service assurance, and all the necessary Virtualized Network Functions (VNFs) that need to be carried out on the Cisco MSX platform.
 - Cisco MSX SD-WAN Service Pack
 - Cisco MSX Enterprise Access (EA) Service Pack
 - Cisco MSX Managed Device Service Pack

This document also tells you how you can find information about known and resolved issues in Cisco MSX 4.3.

Software Compatibility Matrix

The Cisco MSX 4.3 software compatibility matrix is given in this table below.

Cisco MSX Service Pack	NFVIS	NSO	Viptela SD-WAN Release	DNAC
SD-WAN 4.3	4.6	5.7.1	20.7.1.1	X
Managed Device 4.3	X	5.7.1.1	X	X
Enterprise Access 4.3	X	X	X	2.2.2.8



CHAPTER 2

New Features and Enhancements

This chapter describes the new features and software compatibility matrix for Cisco MSX 4.3.

For detailed information about the features, see the documentation mentioned in [Related Documentation](#).

- [Cisco MSX Platform Features and Enhancements](#), on page 3
- [Cisco MSX SD-WAN Service Pack Features and Enhancements](#), on page 4
- [Cisco MSX Managed Device Service Pack Features and Enhancements](#), on page 4

Cisco MSX Platform Features and Enhancements

The Cisco MSX 4.3 platform features and enhancements are given in the table below.

Platform Microservices

Feature	Description	Category
Account Locking Option	Cisco MSX portal allows you to enable lockout of a user account using password policies. For more information, see Configuring Password Policies Through the Cisco MSX Portal .	Enhancement: GUI
Configuring Webhooks	Cisco MSX allows you to receive notifications when changes are made to a third-party system through Webhooks. For more information, see Configuring Webhooks .	New Feature: GUI

Feature	Description	Category
Configuring API Keys	<p>Cisco MSX provides API keys to enable access to specific APIs. The API keys do not specifically represent a tenant or user; instead, they function as an additional layer of security on top of the Cisco MSX authentication system.</p> <p>For more information, see Configuring API Keys.</p>	New Feature: GUI

Cisco MSX SD-WAN Service Pack Features and Enhancements

The Cisco MSX 4.3 SD-WAN service pack features and enhancements are given in the table below.

Feature	Description	Category
Support for New Cisco SD-WAN Release	Cisco MSX now supports Cisco SD-WAN version, 20.7.1.1.	Enhancement: General
Support of Additional SD-WAN Applications	<p>Cisco MSX now supports 17 new applications.</p> <p>For more information, see Applications Available with Cisco MSX SD-WAN.</p>	Enhancement: General
Meraki Support Updates	<p>Meraki networks and devices can now be managed only by using the Managed Devices service pack in Cisco MSX.</p> <p>For more information, see Managing Meraki Networks.</p>	Enhancement: General

Cisco MSX Managed Device Service Pack Features and Enhancements

The Cisco MSX 4.3 Managed Device service pack features and enhancement are given in the table below.

Feature	Description	Category
Meraki Configuration Enhancements	<p>Cisco MSX provides the ability to create switch port configurations from a list of adaptive and access policies, switch network configurations for Quality of Service (QoS), and wireless configurations for Identity PSKs. The configuration can be applied across Meraki organizations based on switch port, network, and wireless SSID tags.</p> <p>For more information, see Managing Configurations.</p>	Enhancement: GUI

Feature	Description	Category
Single Sign-On to Meraki Dashboard	Cisco MSX provides the capability to log in to the Cisco Meraki dashboard from the Cisco MSX web interface using single sign-on. For more information about configuring single sign-on for Meraki, contact the Cisco MSX Operations team.	Enhancement: GUI
Meraki Site Sync with Device and Network Information	After a sync operation, Cisco MSX now identifies Meraki sites, and assigns networks and devices to a site based on their address or latitude and longitude information.	Enhancement: GUI
Configure Full Device Compliance	Cisco MSX now allows you to set up or manage compliance for either full device compliance or standard configuration. For more information, see Full Device Configuration .	New Feature: GUI



CHAPTER 3

Cisco MSX APIs

This chapter contains the Cisco MSX APIs.

- [API Version Lifecycle and Status, on page 7](#)
- [Deprecated APIs, on page 8](#)

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 2: 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.

Active	Deprecated	Retired	Decommissioned
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 3: 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			

Category		Deprecated API	Replacement API
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
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}

Category		Deprecated API	Replacement API
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}
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

Category		Deprecated API	Replacement API
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}/{specificitytype}	DELETE /monitor/api/v2/querytemplates/device/{type}/{profile}/{specificitytype}
Query	GET	/monitor/api/v1/template/devicehealth/{type}/{profile}/{specificitytype}	GET /monitor/api/v2/querytemplates/device/{type}/{profile}/{specificitytype}
Query	GET	/monitor/api/v1/template/servicemetric	GET /monitor/api/v2/querytemplates/service
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/

Category		Deprecated API	Replacement API
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}
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

Category		Deprecated API	Replacement API
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
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}

Category		Deprecated API	Replacement API
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/apiv8/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
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}

Category		Deprecated API	Replacement API
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}
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.



APPENDIX **A**

Accessibility Features and Related Documentation

This chapter describes the accessibility features and related documentation for Cisco MSX 4.3.

- [Cisco MSX Bugs, on page 17](#)
- [Accessibility Features, on page 17](#)
- [Related Documentation, on page 18](#)
- [Bias-free Doc Disclaimer, on page 19](#)
- [Full Cisco Trademarks with Software License, on page 19](#)

Cisco MSX Bugs

You can get details about the known and resolved issues in Cisco MSX 4.3 using the Cisco Bug Search Tool.

- **Bug Search Tool Requirements:** If you do not have a Cisco account, register for one at <https://id.cisco.com/ui/v1.0/profile-ui>.
- You can filter for Known and Fixed Issues in the [Bug Search Tool](#).

From the **Product** drop-down list, choose **Series/Model**. Enter the **Cisco Managed services Accelerator** in the product field. You can also choose the product from the **Select from list**. Enter the version as **4.3** or **4.3.0** in the **Releases** field.

For more help and FAQ about the Cisco Bug Search Tool, see the [Bug Search Tool Help](#) page.

Accessibility Features

For a list of accessibility features in Cisco MSX, see [Voluntary Product Accessibility Template \(VPAT\)](#) on the Cisco.com, or contact accessibility@cisco.com.

All product documents, except for images, graphs, and some charts are accessible. If you want to receive the product documentation in audio format, braille, or large print, contact accessibility@cisco.com.

Related Documentation

You can access Cisco MSX 4.3.0 content at [Cisco MSX End User Documentation](#).

The documents listed here are available for additional reference. To access API documentation on the Swagger GUI, log in to the Cisco MSX GUI and navigate to **My Profile > Swagger API**.

Cisco MSX SDK documentation is available at <https://developer.cisco.com/site/msx/>.

Document	Description
Cisco Managed Services Accelerator (MSX) 4.3 Release Notes Documentation	This documentation provides information about the new features in Cisco MSX 4.3.
Cisco Managed Services Accelerator (MSX) 4.3 Administration Documentation	This documentation covers the post-install configuration information that is required to set up Cisco MSX.
Cisco Managed Services Accelerator (MSX) 4.3 Platform and Service Pack Permissions Addendum	This addendum covers all the permissions that are required to operate Cisco MSX and the service packs.
Cisco Managed Services Accelerator (MSX) 4.3 SD-WAN Service Pack Documentation	This documentation includes details that are related to deploying, managing, configuring the Cisco MSX SD-WAN service pack, and troubleshooting service errors.
Cisco Managed Services Accelerator (MSX) 4.3 SD-WAN Out-of-the-Box Applications Addendum	This document is an addendum to the <i>Cisco MSX SD-WAN Service Pack</i> content. It has details about the out-of-the-box applications of Cisco MSX 4.3 and the comparison of applications in older releases with applications in Cisco MSX 4.3 based on possible application mapping.
Cisco Managed Services Accelerator (MSX) 4.3 Enterprise Access Service Pack Documentation	This documentation includes details that are related to deploying, managing, configuring the Cisco MSX Enterprise Access service pack, and troubleshooting service errors.
Cisco Managed Services Accelerator (MSX) 4.3 Managed Device Service Pack Documentation	This documentation includes details related to subscribing the Cisco MSX Managed Device service pack, configuring the service, and troubleshooting service errors.
Cisco Managed Services Accelerator (MSX) 4.3 Solution Overview Documentation	This documentation provides a comprehensive explanation of the design of the Cisco MSX solution that enables service providers to offer flexible and extensible services to their business customers.
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