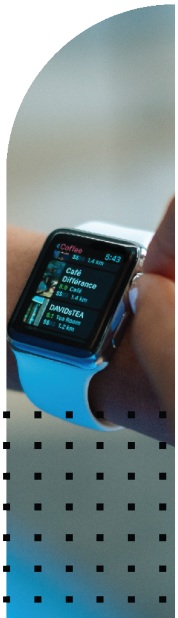
Release Notes

SD-WAN Orchestrator MEA 7.0.0.r1



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April 28, 2021
SD-WAN Orchestrator MEA 7.0.0.r1 Release Notes
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Change Log

Date	Change Description
2021-04-28	Initial release of 7.0.0.r1.

SD-WAN Orchestrator MEA 7.0.0.r1 Release

This document provides information about SD-WAN Orchestrator MEA version 7.0.0.r1 build 0004. SD-WAN Orchestrator management extension application (MEA) is available with some FortiManager models.

This section includes the following topics:

- Supported FortiManager host models on page 5
- Licensing on page 5
- What's new on page 5

Supported FortiManager host models

For a list of FortiManager models that can host SD-WAN Orchestrator MEA 7.0.0.r1 management extension application and minimum system requirements, see the FortiManager 7.0.0 Release Notes.

Licensing

SD-WAN Orchestrator MEA requires the following license:

- 360 FortiGate Protection or SD-WAN Orchestrator Entitlement License

SD-WAN Orchestrator MEA does not include a free license.

What's new

No new features are available with SD-WAN Orchestrator MEA 7.0.0.r1.

For information about what's new in FortiManager 7.0, see the FortiManager 7.0 New Features Guide.

Special Notices

This section highlights some of the operational changes that administrators should be aware of in SD-WAN Orchestrator MEA 7.0.0.r1.

- FortiSwitch profiles on page 6

FortiSwitch profiles

If SD-WAN Orchestrator MEA prompts an exception when changing the profile of a device as reported in issue 064530, check if the two profiles meet the following conditions:

1. Compare VLANs in interface FortiLink with these two profiles, and check if there are VLANs that own same VLAN ID.
2. Compare VLANs in same interface (except interface FortiLink) with these two profiles, and check if there are VLANs that own same name, but have different VLAN IDs.
3. Compare VLANs in different interfaces (except interface FortiLink) with these two profiles, and check if there are VLANs that own same name.

Workaround:

1. Make sure the device is synchronized, and then enable the *override device LAN* setting.
2. Release resources (for example, IP pool, DHCP server, and so on) used by VLANs (except default, video, voice, rspan, onboarding, quarantine) in interface FortiLink.
3. Release resources used by VLANs that meet condition 2 above, and then delete these VLANs.
4. Release resources used by VLANs that meet condition 3 above, and then delete these VLANs.
5. Disable Switch/AP configuration in *Device LAN setting* page.
6. Wait 5-10 minutes until device's configuration state becomes *Modified*, and then trigger a manual deployment.
7. When device is synchronized, change profile.
8. After changing the profile, disable *override device LAN* setting.

Upgrade Information

Upgrade of SD-WAN Orchestrator MEA 6.4.1.r6 to 7.0.0.r1 is supported.

You must be in a 6.4 ADOM to access SD-WAN Orchestrator MEA. 6.4.1.rx.

When you upgrade FortiManager from 6.4.x to 7.0.0, SD-WAN Orchestrator MEA upgrades automatically to 7.0.0.r1.

If you upgraded to FortiManager 7.0.0 before SD-WAN Orchestrator MEA 7.0.0.r1 was released, you can manually upgrade SD-WAN Orchestrator MEA to 7.0.0.r1.

This section covers the following upgrade scenarios:

- Upgrading SD-WAN Orchestrator MEA automatically on page 7
- Upgrading SD-WAN Orchestrator MEA manually on page 7

Upgrading SD-WAN Orchestrator MEA automatically

In this scenario, you are starting the upgrade with the following items:

- FortiManager 6.4.x
- SD-WAN Orchestrator MEA 6.4.1.r6

To upgrade SD-WAN Orchestrator MEA:

1. Upgrade FortiManager to 7.0.0.
   After FortiManager reboots, SD-WAN Orchestrator MEA is automatically upgraded to 7.0.0.r1.

Upgrading SD-WAN Orchestrator MEA manually

If you upgraded FortiManager to 7.0.0 before the release of SD-WAN Orchestrator MEA 7.0.0.r1, FortiManager 7.0.0 will be running the latest 6.4 version of SD-WAN Orchestrator MEA, which is 6.4.1.r6.

You can manually trigger an upgrade of SD-WAN Orchestrator MEA by using the GUI.

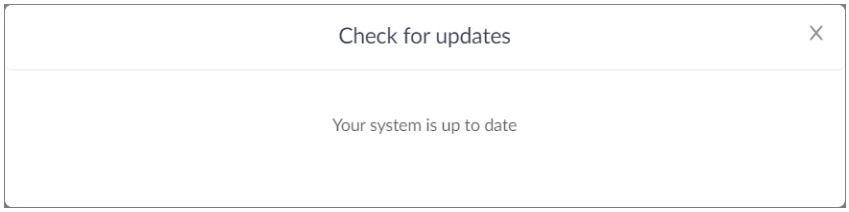
In this scenario, you are starting the upgrade with the following items:

- FortiManager 7.0.0
- SD-WAN Orchestrator MEA 6.4.1.r6

Although you can run SD-WAN Orchestrator MEA 6.4.1.r6 with FortiManager 7.0.0 and FortiGates running FortiOS 6.4.x in ADOM version 6.4, it is recommended to use FortiManager 7.0.0 and FortiGates running FortiOS 7.0.0 with SD-WAN Orchestrator MEA 7.0.0.r1.

To upgrade SD-WAN Orchestrator MEA by using the GUI:

1. If ADOMs are enabled in FortiManager, ensure you are in the root ADOM to access the *Maintenance* tab in SD-WAN Orchestrator MEA.
2. In SD-WAN Orchestrator MEA, go to *Maintenance* > *Upgrade*, and click *Check for updates*.
   When an update is available, the *An update is available* message is displayed.
   When SD-WAN Orchestrator MEA is up to date, the following message is displayed, and no upgrade is available:



3. Click *Update Now*.
   A confirmation dialog box is displayed.
4. Click *Yes*.
   SD-WAN Orchestrator MEA proceeds with the upgrade to 7.0.0.r1.
   When the upgrade is complete, the FortiManager GUI is displayed.

5. Click *Management Extensions* > *SD-WAN Orchestrator*.

Product Integration and Support

This section lists SD-WAN Orchestrator MEA 7.0.0.r1 support of other Fortinet products. It contains the following topics:

- Supported FortiManager and FortiOS versions on page 9
- Supported FortiGate models on page 9

Supported FortiManager and FortiOS versions

This section identifies SD-WAN Orchestrator MEA 7.0.0.r1 product integration and support information:

FortiManager	• 7.0.0
FortiOS	• 7.0.0 • 6.4.1 - 6.4.5

Supported FortiGate models

SD-WAN Orchestrator MEA supports the following FortiGate models:

Model	Firmware Version
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-POE, FortiGate 60E-DSL, FortiGate 60E-DSLJ, FortiGate-60F, FortiGate-61F, FortiGate-61E, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-100F, FortiGate-100E, FortiGate-100EF, FortiGate-101E, FortiGate-101F, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-201E, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-401E, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800D,FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3960E, FortiGate-3980E, FortiGate-3980E **FortiGate-VM:** Same support as FortiManager 7.0.0. See the FortiManager 7.0.0 Release Notes on the Document Library. **FortiWiFi:** FortiWiFi-40F, FortiWiFi-40F-3G4G, FortiWiFi 60E, FortiWiFi-60E-DSL, FortiWiFi-60E-DSLJ, FortiWiFi-60F, FortiWiFi 61E, FortiWiFi-61F	7.0

Model	Firmware Version
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-POE, FortiGate 60E-DSL, FortiGate 60E-DSLJ, FortiGate-60F, FortiGate-61F, FortiGate-61E, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-100F, FortiGate-100E, FortiGate-100EF, FortiGate-101E, FortiGate-101F, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-201E, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-401E, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800D,FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3960E, FortiGate-3980E, FortiGate-3980E **FortiGate-VM:** Same support as FortiManager 6.4.5. See the FortiManager 6.4.5 Release Notes on the Document Library. **FortiWiFi:** FortiWiFi-40F, FortiWiFi-40F-3G4G, FortiWiFi 60E, FortiWiFi-60E-DSL, FortiWiFi-60E-DSLJ, FortiWiFi-60F, FortiWiFi 61E, FortiWiFi-61F	6.4

For a list of FortiManager models that support SD-WAN Orchestrator MEA, see Supported FortiManager host models on page 5.

Resolved Issues

The following issues have been fixed in 7.0.0.r1. For inquires about a particular bug, please contact Customer Service & Support.

Bug ID	Description
704278	Suggest to remove extender option for VM platform.
704283	Clone any hardware type of profile to VM profile should be remove extender options automatically.
704814	Enhance and improve proposal in bug 689763.
705273	In *SIM Profile* > *SIM1*, PIN code should be up to 31 characters.
705285	Changed SIM profile but the scripts generated incorrect output.
705286	If LAN port override is enabled, add a VLAN via FortiLink fails.
705715	In performance topology, one region has an edge device with a down underlay link, but no bubble is displayed on the dashboard.
705743	Successfully change profile on FortiGate with managed FortiSwitch and VLAN, but install conflict on deleting VLAN.
706529	Conflict occurs on hub devices when an address object is created in FortiManager and used by policy package, but not used in CTL.
706750	In *Extender Resource* > *Data Plan*, password should be up to 27 characters, if authentication is PAP or CHAP.
707767	If VPN is not 't established yet, remove all dashed circles in topology view.

Known Issues

The following issues have been identified in 7.0.0.r1. For inquires about a particular bug or to report a bug, please contact Customer Service & Support.

Bug ID	Description
700703	The global theme change in FortiManager GUI is not supported in SD-WAN Orchestrator MEA.
714305	FortiManager 7.0 does not support upgrade from ADOM version 6.4 to ADOM version 7.0.
715166	After upgrade to FortiManager 7.0 / FortiOS 7.0 and create ADOM for 7.0, system prints out *policy block install failed*.
715438	Specific password for SNMP host from SD-WAN Orchestrator MEA not getting installed.

Limitations of SD-WAN Orchestrator MEA

SD-WAN Orchestrator MEA is not supported when FortiManager workspace/workflow mode is enabled.

SD-WAN Orchestrator MEA is not supported when FortiManager is operating in a closed network or an air-gapped environment.

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