



# SD-WAN Orchestrator MEA - Release Notes

Version 6.4.1.r6

**FORTINET DOCUMENT LIBRARY**

<https://docs.fortinet.com>

**FORTINET VIDEO GUIDE**

<https://video.fortinet.com>

**FORTINET BLOG**

<https://blog.fortinet.com>

**CUSTOMER SERVICE & SUPPORT**

<https://support.fortinet.com>

**FORTINET TRAINING & CERTIFICATION PROGRAM**

<https://www.fortinet.com/training-certification>

**NSE INSTITUTE**

<https://training.fortinet.com>

**FORTIGUARD CENTER**

<https://www.fortiguard.com>

**END USER LICENSE AGREEMENT**

<https://www.fortinet.com/doc/legal/EULA.pdf>

**FEEDBACK**

Email: [techdoc@fortinet.com](mailto:techdoc@fortinet.com)



August 25, 2021

SD-WAN Orchestrator MEA 6.4.1.r6 Release Notes

02-641r6-702188-20210825

# TABLE OF CONTENTS

<b>Change Log</b>	<b>4</b>
<b>SD-WAN Orchestrator MEA 6.4.1.r6 Release</b>	<b>5</b>
Supported FortiManager host models	5
Licensing	5
What's new	5
Support new FortiGate & FortiWiFi models	5
Support BGP to exchange route with external router	6
Support OSPF to exchange route with external router	6
Support VDOM for hub and edge	6
Support FortiExtender as WAN port	6
Expose more DHCP server options	6
Support for DMZ set IP auto assign and allow overlap	6
Monitoring enhancement for database protection and recovery	6
Monitoring support for FortiSwitch and FortiAP	7
Monitoring support for edge behind NAT device ADVPN	7
Address group change	7
Other improvements	8
<b>Special Notices</b>	<b>9</b>
Address group change and upgrade	9
FortiSwitch profiles	9
<b>Upgrade Information</b>	<b>11</b>
Upgrading SD-WAN Orchestrator MEA automatically	11
Upgrading SD-WAN Orchestrator MEA manually	11
<b>Product Integration and Support</b>	<b>14</b>
Supported FortiManager and FortiOS versions	14
Supported FortiGate models	14
<b>Resolved Issues</b>	<b>15</b>
<b>Known Issues</b>	<b>17</b>
SD-WAN Orchestrator MEA	17
FortiManager and FortiOS	18
FortiSwitch and FortiAP	18
<b>Limitations of SD-WAN Orchestrator MEA</b>	<b>19</b>

# Change Log

Date	Change Description
2021-03-18	Initial release of 6.4.1.r6.
2021-04-05	Added FortiGate-3700D to <a href="#">Supported FortiGate models on page 14</a> .
2021-08-10	Added <a href="#">Address group change and upgrade on page 9</a> to <a href="#">Special Notices on page 9</a> . Updated <a href="#">What's new on page 5</a> .
2021-08-25	Updated <a href="#">Address group change and upgrade on page 9</a> .

# SD-WAN Orchestrator MEA 6.4.1.r6 Release

This document provides information about SD-WAN Orchestrator MEA version 6.4.1.r6 build 0342. SD-WAN Orchestrator MEA 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 6.4.1.r6 management extension application and minimum system requirements, see the [FortiManager 6.4.5 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

This section identifies new features and enhancements available with SD-WAN Orchestrator MEA 6.4.1.r6.

For information about what's new in FortiManager 6.4, see the [FortiManager 6.4 New Features Guide](#).

## Support new FortiGate & FortiWiFi models

SD-WAN Orchestrator MEA now supports the following models:

- FortiGate-60E-DSL, FortiGate-60E-DSLJ
- FortiGate-80F, FortiGate-80F-Bypass, FortiGate-81F
- FortiWiFi-60E-DSL, FortiWiFi-60E-DSLJ
- FortiWiFi-40F, FortiWiFi-40F-3G4G
- FortiWiFi-60F, FortiWiFi-61F

## Support BGP to exchange route with external router

Support for the Border Gateway Protocol (BGP) is enhanced and used to exchange route entries between devices that are managed by SD-WAN Orchestrator MEA and devices that are not managed by SD-WAN Orchestrator MEA.

SD-WAN devices can advertise the route entries learned from an external BGP router to the entire SD-WAN network.

SD-WAN devices can set BGP community to the route entries when advertising to external routers, and the administrator can set routing policy on external router according to the BGP community.

## Support OSPF to exchange route with external router

Support for the OSPF (Open Shortest Path First) protocol is enhanced to exchange the routing table with external routers that are not managed by SD-WAN Orchestrator MEA.

SD-WAN devices can advertise the route entries learned from an external OSPF router to the entire SD-WAN network.

SD-WAN devices can also redistribute SD-WAN route to external OSPF routers.

## Support VDOM for hub and edge

Support to configure VDOMs as hub or edge FortiGate devices.

## Support FortiExtender as WAN port

Support for three FortiExtender platforms to be used as WAN ports for FortiGate devices.

## Expose more DHCP server options

More DHCP server options are now available, such as *Lease Time* and *DNS Server Res Type*.

## Support for DMZ set IP auto assign and allow overlap

The profile settings for DMZ now support enabling IP auto assignment and allowing overlap.

## Monitoring enhancement for database protection and recovery

The *Monitor* tree menu now includes a real-time status icon that communicates when you should clean up old monitoring data to reduce disk usage. The following statuses available:

- Active (checkmark in green circle) - Monitoring is active and operating below the disk usage warning threshold. No cleanup is required.
- Warning (exclamation mark in yellow triangle) - Monitoring is active, but disk usage has passed the warning threshold. Click *Confirm Cleanup* to clear old monitoring data and reduce disk usage.
- Stopping (vertical lines in red circle) - Monitoring is stopped because disk usage has passed the stopping threshold. You must manually check disk usage.

Click the status icon to display details and access the *Confirm Cleanup* button.

## Monitoring support for FortiSwitch and FortiAP

From the *Monitor* tree menu, you can go to *Devices > Local Branch* to view topology and statistics for FortiSwitch and FortiAP.

## Monitoring support for edge behind NAT device ADVPN

From the *Monitor* tree menu, you can view shortcut path and shortcut statistics, even when edge devices are behind NAT devices.

## Address group change

Starting with SD-WAN Orchestrator MEA 6.4.1.r6 and later, all user specified, custom IP addresses in the LAN/DMZ interface must also be in an IP pool. As a result, the *GROUP.CUSTOM\_groupname* address group is no longer needed.

All subnets of LAN/DMZ must be included in a blackhole static route, and the subnet of the blackhole must not equal any subnet of LAN/DMZ. If the subnet of the blackhole equals any subnet of LAN/DMZ, the route of that interface becomes invalid. All user specified, custom IP addresses must be included in an IP pool.

## Address groups in SD-WAN Orchestrator MEA 6.4.1.r5 and earlier

In SD-WAN Orchestrator MEA 6.4.1.r5 and earlier, users could create an address group named *GROUP.CUSTOM\_groupname* for each region, and it contained user specified, custom IP addresses. A custom IP address is an address specified by the user in the LAN/DMZ interface. The IP address is not allocated by SD-WAN Orchestrator MEA. The custom IP address must NOT be in an IP pool, or a conflict occurs.

*GROUP\_ALL* contains all regions' *GROUP.CUSTOM\_groupname* address group and all address groups for IP pools, because all addresses allocated from IP pool are included in IP pool address group. As a result, *GROUP\_ALL* contains all addresses.

It is not recommended to use *GROUP.CUSTOM\_groupname* address group in business rules and in FortiManager policy packages, because it only contains part of the addresses of the corresponding region. It contains only user specified custom addresses of that region, and doesn't contain the addresses allocated from IP pool.

## Example

For example, we have a region named Seattle, and an IP pool named *pool1* with a subnet 192.168.0.0/16, a user specified custom address 172.1.1.0/24 for port4 in device with ID 1, and an address 192.168.1.0/24 for port5.

SD-WAN Orchestrator MEA 6.4.1.r5 and earlier handles the scenario as follows:

- *GROUP\_ALL* includes address group *GROUP.CUSTOM\_Seattle*, *POOL\_pool1* two address groups.
- *GROUP.CUSTOM\_Seattle* contains *DEVICE\_1\_port4* (with address 172.1.1.0/24).
- *POOL\_pool1* contains *POOL\_192.168.0.0\_16* (with address 192.168.0.0/16).

- The address *port5* doesn't need to merge in *GROUP\_ALL* as an item, because it is included in *POOL\_192.168.0.0\_16*.

*GROUP\_Seattle* for region Seattle is also created, and this group contains address group *DEVICE\_1*, which includes *DEVICE\_1\_port4* (with address 172.1.1.0/24) and *DEVICE\_1\_port5* (with address 192.168.1.0/24).

*GROUP.CUSTOM\_Seattle* is not recommended for use in business rules and in FortiManager policy packages; *GROUP\_Seattle* is recommended instead.

SD-WAN Orchestrator MEA 6.4.1.r6 and later handles the scenario as follows:

- User must create an IP pool for port4, for example, an IP pool named *pool2* with a subnet 172.1.0.0/23.

As a result, *GROUP\_ALL* contains *POOL\_pool1* and *POOL\_pool2*.

*POOL\_pool1* contains *POOL\_192.168.0.0\_16* (with address 192.168.0.0/16).

*POOL\_pool2* contains *POOL\_172.1.0.0\_23* (with address 172.1.0.0/23).

The *GROUP.CUSTOM\_Seattle* is not need any more, because 172.1.1.0/24 is included in *GROUP\_ALL* already.

The old *GROUP\_Seattle* and its members are not changed, and you can use the group in business rules and FortiManager policy packages as before.

## Other improvements

- Log search  
You can now search logs by using subtypes. The page displays a brief description for the logs, and you can click the *Detail* button to view more details.
- Naming rules for IPsec tunnels  
An alias with the format *p1.<peer\_device>.p2* is used IPsec tunnels/interfaces. The new naming format allows the administrator to better distinguish between tunnels by using the FortiOS GUI, especially when troubleshooting.



# Special Notices

This section highlights some of the operational changes that administrators should be aware of in SD-WAN Orchestrator MEA 6.4.1.r6.

- [Address group change and upgrade on page 9](#)
- [FortiSwitch profiles on page 9](#)

## Address group change and upgrade

Starting with SD-WAN Orchestrator MEA 6.4.1.r5, custom IP addresses created by the user must be in an intranet IP pool address. Every custom address must be *part* (not whole) of a subnet of an intranet IP pool address. The subnets of intranet IP pool addresses will be added to blackhole static routes.

Before you upgrade SD-WAN Orchestrator MEA from version 6.4.1.r4 or earlier to 6.4.1.r5 or later, create one or more intranet IP pool addresses in SD-WAN Orchestrator MEA that contains one or more subnets to cover all custom IP addresses created by the user.

For example, you are using SD-WAN Orchestrator MEA version 6.4.1.r4, and it contains the following custom IP addresses:

- 192.168.0.0/24
- 192.168.1.0/24
- 192.168.100.0/24

Before you upgrade SD-WAN Orchestrator MEA from 6.4.1.r4 to 6.4.1.r5 or later, create an intranet IP pool address in SD-WAN Orchestrator MEA that contains the following subnets:

- 192.168.0.0/23 (includes 192.168.0.0/24 and 192.168.1.0/24 )
- 192.168.100.0/23 (includes 192.168.100.0/24)

Alternately you create an intranet IP pool address that contains one subnet (192.168.0.0/16), which includes all three custom IP addresses.

You must NOT create an intranet IP pool address that contains subnet 192.168.100.0/24, which is equal to one of the custom IP addresses, because the subnet will be added to the blackhole static route, making the routes of other types invalid.

## 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.r5 to 6.4.1.r6 is supported.



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

---

When you upgrade FortiManager from 6.4.4 to 6.4.5, SD-WAN Orchestrator MEA upgrades automatically to 6.4.1.r6. Alternately you can leave FortiManager running 6.4.4 and manually upgrade SD-WAN Orchestrator MEA to 6.4.1.r6.

This section covers the following upgrade scenarios:

- [Upgrading SD-WAN Orchestrator MEA automatically on page 11](#)
- [Upgrading SD-WAN Orchestrator MEA manually on page 11](#)

## Upgrading SD-WAN Orchestrator MEA automatically

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

- FortiManager 6.4.4
- SD-WAN Orchestrator MEA 6.4.1.r5
- FortiGates running FortiOS 6.4.4

### To upgrade SD-WAN Orchestrator MEA:

1. Upgrade FortiManager to 6.4.5.  
After FortiManager reboots, SD-WAN Orchestrator MEA is automatically upgraded to 6.4.1.r6.
2. In FortiManager, upgrade FortiOS from 6.4.4 to 6.4.5.
  - a. Go to *Device Manager > Firmware*.  
The *Upgrade Available* column displays 6.4.5.
  - b. Select the FortiGates, and click *Upgrade*.  
When the firmware upgrade completes, click *Close*.FortiManager, SD-WAN Orchestrator MEA, and all FortiGate are upgraded.

## Upgrading SD-WAN Orchestrator MEA manually

If you have not yet upgraded FortiManager to 6.4.5, you can upgrade SD-WAN Orchestrator MEA by using the GUI.

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

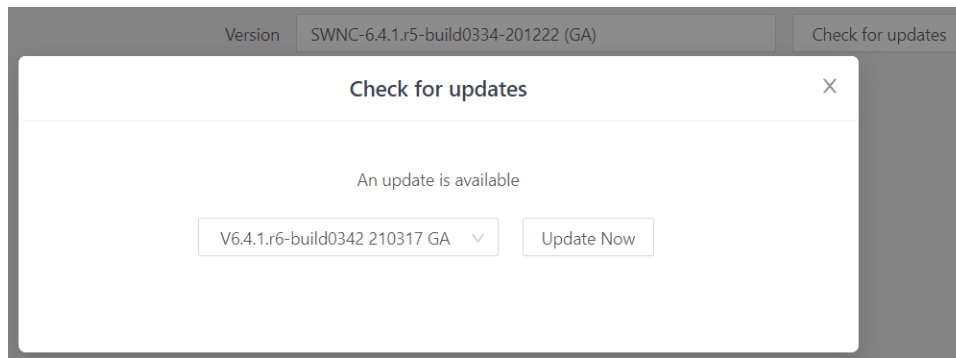
- FortiManager 6.4.4
- SD-WAN Orchestrator MEA 6.4.1.r5

Although you can run SD-WAN Orchestrator MEA 6.4.1.r6 with FortiManager 6.4.4 and FortiOS 6.4.4, it is recommended to use FortiManager 6.4.5 and FortiOS 6.4.5 with SD-WAN Orchestrator MEA 6.4.1.r6.

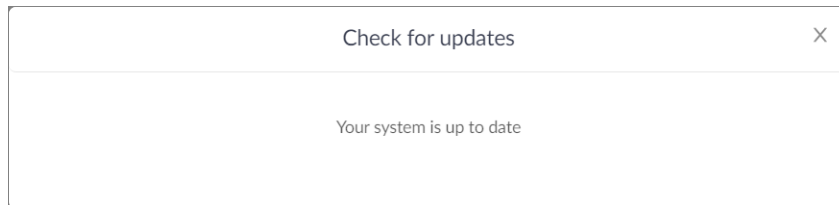
### To upgrade SD-WAN Orchestrator MEA by using the GUI:

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*.

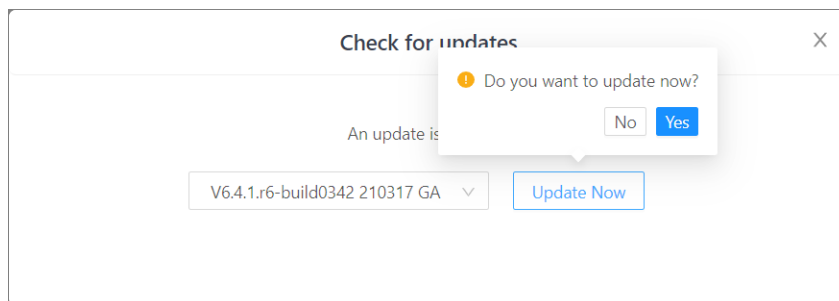
When an update is available, the following message is displayed:



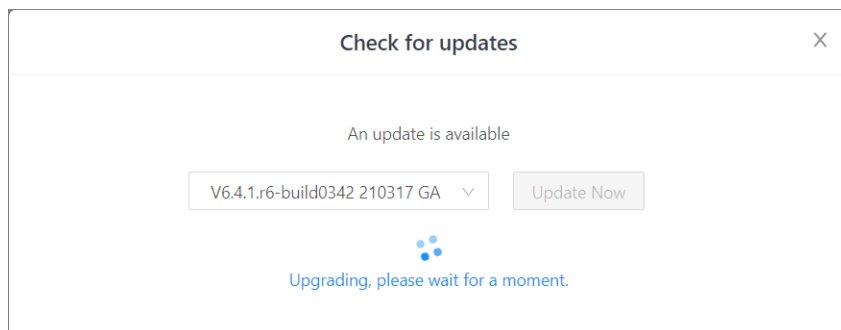
When SD-WAN Orchestrator MEA is up to date, the following message is displayed, and no upgrade is available:



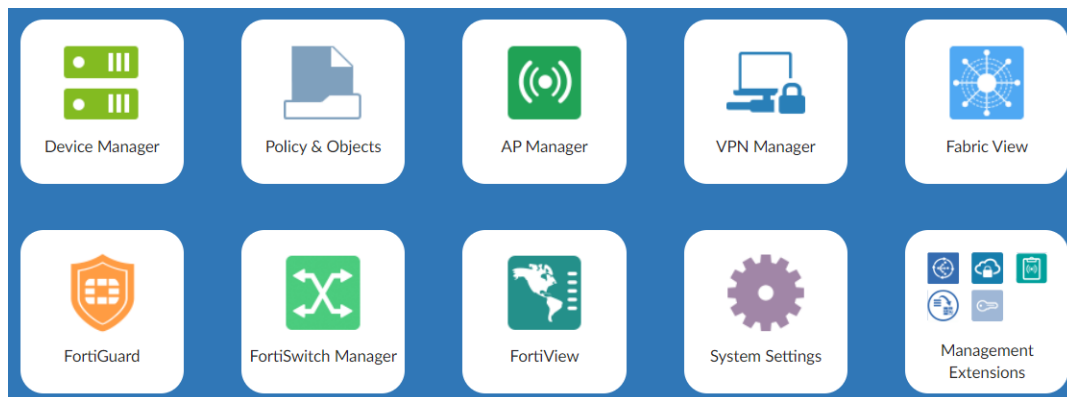
3. Click *Update Now*.  
A confirmation dialog box is displayed.



4. Click *Yes*.  
SD-WAN Orchestrator MEA proceeds with the upgrade to 6.4.1.r6.



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 6.4.1.r6 support of other Fortinet products. It contains the following topics:

- [Supported FortiManager and FortiOS versions on page 14](#)
- [Supported FortiGate models on page 14](#)

## Supported FortiManager and FortiOS versions

This section identifies SD-WAN Orchestrator MEA 6.4.1.r6 product integration and support information:

FortiManager	• 6.4.1 - 6.4.5
FortiOS	• 6.4.1 - 6.4.5

## Supported FortiGate models

SD-WAN Orchestrator MEA supports the following FortiGate models:

Model	Firmware Version
<b>FortiGate:</b> 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	6.4
<b>FortiGate-VM:</b> Same support as FortiManager 6.4.5. See the <a href="#">FortiManager 6.4.5 Release Notes</a> on the Document Library.	
<b>FortiWiFi:</b> FortiWiFi-40F, FortiWiFi-40F-3G4G, FortiWiFi 60E, FortiWiFi-60E-DSL, FortiWiFi-60E-DSLJ, FortiWiFi-60F, FortiWiFi 61E, FortiWiFi-61F	

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 6.4.1.r6. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
593324	Improve log searching filters - types & log details.
616124	(FortiAP) Short guard-interval settings won't deploy to FortiGate.
635317	Suggest to disabling <i>Update static route</i> in SLA entry.
636448	PG is automatically shut down when disk is out of space.
640431	Conflict as <code>system sdwan commit check error</code> after changing ISP link of all devices' port1 from <i>Internet</i> to <i>MPLS</i> .
644428	In <i>Profile&gt;System</i> or <i>Device&gt;System</i> configuration page, some keywords should not be covered by icons.
651620	Suggest to view address & addrgrp details when editing business rules.
660967	(Enhancement) In profile and device DMZ settings page, support <i>allow overlap</i> and <i>IP auto assign</i> .
662106	Conflict occurs when installing business rules that include internet service group.
672506	Sometimes FortiManager returns to SD-WAN Orchestrator MEA message <i>Unreadable</i> . SD-WAN Orchestrator MEA should make the information more readable for the customer.
673818	DHCP server setting features from SD-WAN Orchestrator MEA compared to FortiGate.
673991	When the old configuration contains HA that references the aggregate interface, the new configuration cannot be overwritten.
674777	Shortcut monitor is empty if FortiGates are in a NAT traversal scenario.
674806	No log output in Log modules if WAN port enables VIP address.
674812	Installation causes conflict after switching from qa to dev, and then switch back to qa branch.
674849	Enhance SD-WAN Orchestrator MEA for the FortiManager status-checking issue.
677009	When adding a device, the region isn't automatically selected after creating the region from the <i>Region</i> box on the <i>Device &gt; General</i> dialog box.
677076	Secondary hub should not route traffic destination to other region to primary hub.
677791	Cannot use FortiExtender interface with SD-WAN Orchestrator MEA.
680580	The VPN address pool size needs to support user-defined settings.
683621	B318: Device Removed from SD-WAN Orchestrator MEA.

Bug ID	Description
684669	SD-WAN Orchestrator MEA profile should have option to set next-hop-self under BGP configuration.
685470	When IP pool refers to some LAN ports and the IP pool is deleted, the resulting message is too long.
685577	The profile should be support up to 24 interfaces on FortiGate VM.
688757	When two FortiGates are in conflict and sync single device while <i>Region Install all</i> still displays <i>Conflict</i> status.
690551	SD-WAN Orchestrator MEA should not push additional-path setting for eBGP neighbors.
690910	Overlapping subnets aren't added to the device IPv4 address group in SD-WAN Orchestrator MEA.
691055	<i>Model Device first online</i> action should wait until contract info available.
692128	In dual region topology, advertised spoke prefixes are not installed in routing table due to unresolved next-hop.
692372	The deploy does not actually apply to device when only modifying AP SSIDs.
692406	Unnecessary config for <i>config system interface &gt; ha</i> after adding SSID in profile used by a device.
693156	A device with online FSW/FAP isn't modified after changing profile.
696768	6.4.1.r5   When adding a device in a profile, <i>Host Name</i> and <i>Serial Number</i> aren't automatically populated.
697689	Change the names of default business rules.
698608	Suggest to change the alias format of IPsec tunnels.
699143	SD-WAN Orchestrator MEA 6.4.1.r5   FMG 6.4.4   Profile   System tab   Log Setting.
701129	SD-WAN Orchestrator MEA chooses IPsec tunnel IP instead of loopback interface IP as ping server in performance SLA.
702072	Suggest to show full name of platform in Profile list page.
702160	Edit business rule page, and the response speed is too slow.
702740	In ADVPN mode, dynamic sync for <i>GROUP.EDGES.DYNAMIC_XXX_portX-E</i> failed.
702847	The height of selector on map/topo is not consist with other buttons.
703171	After changing profile and changing device's WAN port override to disable, an error is reported.
703730	Unexpected entries in <i>Monitor&gt;Device&gt;Link&gt;Shortcut Overlay</i> .
704157	SD-WAN Orchestrator MEA doesn't allow PPPOE users with more than 35 characters.



# Known Issues

The following issues have been identified in 6.4.1.r6. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

## SD-WAN Orchestrator MEA

Bug ID	Description
649447	Address object and group names in FortiManager don't match names in SD-WAN Orchestrator MEA.
663933	Port statuses are incorrect in <i>SD-WAN Underlay Performance Status</i> chart.
664675	Exchange the IP address used to connect to peer hub, and a conflict occurs. <b>Workaround:</b> Configure a different IP address, and then switch back.
669656	The number of internet service in <i>Monitor</i> is mismatched due to SD-WAN Orchestrator MEA display limitation.
670820	Sometimes conflict occurs when config between FortiGate and FortiManager is different due to sync failures. At the same time, the FortiGate admin happens to click <i>Don't show again</i> in the login page. <b>Workaround:</b> Execute retrieve config on FortiManager, and install config again on SD-WAN Orchestrator MEA.
675112	Shortcut cannot be generated when two edge devices are behind the same NAT gateway.
691408	Repeat auto-inject enable and disable in BGP neighbor and Global routing table doesn't take effect. <b>Note:</b> IBGP is not supported in SD-WAN networks. AS configured on adjacent routers should be different with that auto-generated by SD-WAN Orchestrator MEA and deployed to FortiGates.
696898	FortiWiFi-40F-3G4G platform after <i>sync all</i> reports conflict with switch-interface member. <b>Workaround:</b> Install the configuration again.
700703	The global theme change in FortiManager GUI is not supported in SD-WAN Orchestrator MEA.
702503	Create FortiManager <i>addressgroup</i> object with <i>address/addrgrp</i> objects created by adding IP Pool in SD-WAN Orchestrator MEA, and then delete IP Pool. A conflict occurs. <b>Workaround:</b> Do not use address /addrgrp objects that are automatically generated by SD-WAN Orchestrator MEA in FortiManager.
704283	Cloning any hardware type of profile to a VM profile should remove <i>Extender</i> options. <b>Workaround:</b> Create a new profile for FortiGate VM. Do not clone a hardware profile to create a VM profile.

## FortiManager and FortiOS

Bug ID	Description
572485/ 632946	Once the name of address object has changed, the address referred in business rule and firewall policy does not change.
628750/ 630007	When Service Access is enabled on FortiManager interface, SD-WAN Orchestrator MEA fails to start up.
643825	SLA in IPsec tunnels sometimes fails due to not sending out SLA probe packets. <b>Workaround:</b> Reboot FortiGate.
669976	The <i>Device</i> column is empty on hubs when the traffic is from the subnet behind its edge.
673361	Controller task cannot stop in 57h. This issue is found in 500-FGT test bed. <b>Workaround:</b> Reboot FortiManager.
677174	Exchange the server of health-check will cause failure. <b>Workaround:</b> Clear the SLA servers and configure again.
677397	SD-WAN Orchestrator MEA should be supported when Workspace/Workflow in per-ADOM mode is disabled.
701492	First time online sync conflict in stress test bed. <b>Workaround:</b> Try reinstalling the configuration again.

## FortiSwitch and FortiAP

Bug ID	Description
618165/ 587742	Changing subnet of hard switch interface will cause FortiManager and FortiGate conflict.
645309	Change the FortiSwitch profile to operate smoothly. For a workaround, see <a href="#">FortiSwitch profiles on page 9</a> .

## 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.



**FORTINET®**



Copyright© 2021 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., in the U.S. and other jurisdictions, and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. In no event does Fortinet make any commitment related to future deliverables, features or development, and circumstances may change such that any forward-looking statements herein are not accurate. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.