



# FortiOS - Fortinet Device Package 2.5 for Cisco ACI Release Notes

Version 6.2.2

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



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FortiOS 6.2.2 Fortinet Device Package 2.5 for Cisco ACI Release Notes

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# Introduction

This document provides release information for Fortinet Device Package 2.5 for Cisco ACI Device Package. This product is also sometimes referred to as the FortiGate Connector for Cisco ACI.

# Supported models

Fortinet Device Package for Cisco ACI 2.5 supports integration with the following predefined models:

- FortiGate-300D
- FortiGate-300E
- FortiGate-301E
- FortiGate-600D
- FortiGate-800D
- FortiGate-900D
- FortiGate-1000C
- FortiGate-1000D
- FortiGate-1200D
- FortiGate-1500D
- FortiGate-2200E/2201E
- FortiGate-3000D
- FortiGate-3100D
- FortiGate-3200D
- FortiGate-3300E/3301E
- FortiGate-3400E/3401E
- FortiGate-3600E
- FortiGate-3700D
- FortiGate-3980E
- FortiGate-6300
- FortiGate-6500
- FortiGate-VM



You can attempt to use Fortinet Device Package 2.5 for Cisco ACI with any FortiGate model, but do so with caution. Only those listed above have been confirmed for support. If using an unknown FortiGate model, you must verify the port names match with the actual FortiGate model.

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# New features

Fortinet Device Package for Cisco ACI 2.5 supports the following functions:

- Added support for FortiGate models 2200E/2201E, 3300E/3301E, and 3400E/3401E

# Special notices

## Address FQDN support

Fortinet Device Package for Cisco ACI supports only address FQDNs and does not support VDOM global FQDNs.

## Service Manager Mode: AutoPush feature interaction with zoning

If you have configured Fortinet Device Package for Cisco ACI 2.5 to use zones in conjunction with the AutoPush feature, the zone information does not appear on the FortiGate(s) until the policy is pushed to them.

## VLAN trunking for FortiGate-VM dvSwitch modification

After deploying the service graph, you must modify the ACI dvSwitch VNIC mapping to the FortiGate-VM and change port group mode to trunking for traffic to forward. See *Fortinet Device Package 2.4 for Cisco ACI* for details.

## OSPF MTU-Ignore option

When the MTU-Ignore option is enabled for OSPF configuration, Cisco ACI pushes down the MTU size of 1, which causes programming of the OSPF interface and network on the FortiGate to fail. Do not use this option.

## Predefined keywords

Do not modify the predefined keywords that the FortiGate uses.

## Custom addresses and services character limitations

Firewall address and service names should not include spaces or special characters.

## Rule ID sequence and policy name

FortiOS processes and lists the rule with the lowest ID number first. If deploying multiple service graphs shared with the same virtual device, ensure that rule IDs and policy names are unique to avoid overriding any rules or policies.

## BGP/OSPF configuration

You do not need to perform any BGP/OSPF parameter configuration except for the router ID configured in *L4-L7 > Services > Router Configurations*. It is recommended that you create the BGP/OSPF configuration on L3OUTS, which is the corresponding interface configuration along with all BGP/OSPF parameters to the FortiGate on APIC. During service graph deployment, the device package extracts the BGP/OSPF parameters from APIC and programs the corresponding BGP/OSPF configurations on FortiGate.

## Static route sequence number

When the static route sequence number is set to 0, the default value, the device package ignores the static route programming. Otherwise, the device package programs any entry in the *Static Route* fields when the sequence number is greater than 0.

## Faults report

When device package returns faults to Cisco ACI, the fault messages appear on the Cisco ACI system level instead of the tenant level. You will see the faults in the debug.log file.

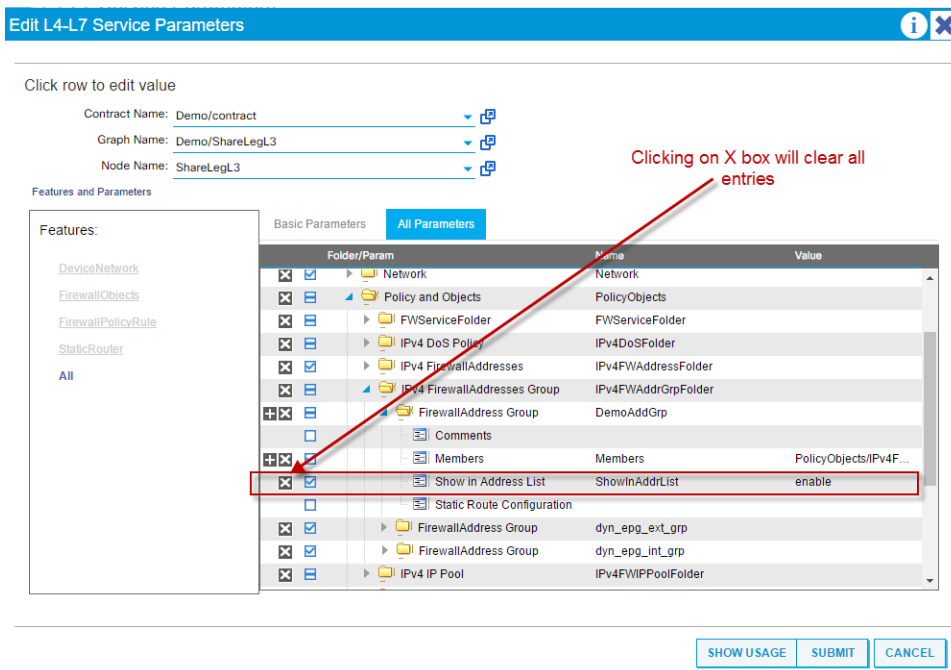
There are some occasions when faulty code is reported to Cisco ACI, but ACI does not open or take any action. The workaround is to remove the service graph and redeploy it.

## Empty entries in the parameter folder

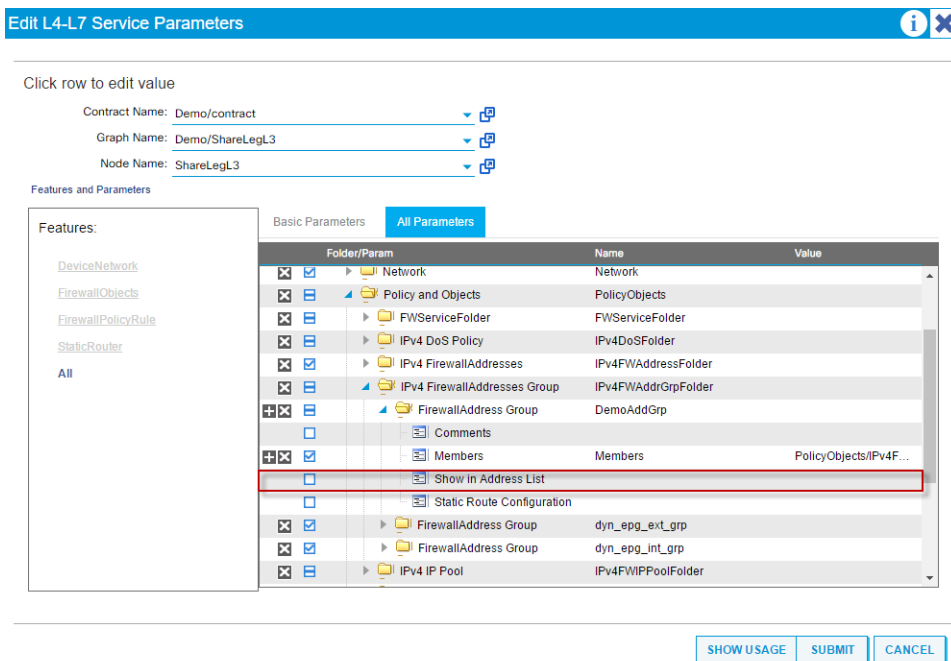
If the folder/parameter fields were previously populated but are now left empty, the device packages cannot fall back to the default values, which causes those parameters to not be updated.

For example, consider that the *Show in Address List* parameter is set to enable. By clicking X, this should clear all options for the *Show in Address List* parameter.





However, the device package cannot handle this change and shows that no option is selected instead. The workaround is to change the *Value* field from *enable* to *disable*.



This behavior affects all folders/parameters as of the current release.

# Product integration and support

See the [FortiGate Connector for Cisco ACI Device Package datasheet](#) for supported Cisco ACI platform and FortiOS versions.

The device package is not backwards compatible with any earlier version of the device package. You cannot import any configuration completed using an earlier version of the device package into this version.

## Known issues

The following issues have been identified in version 2.5. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Bug ID	Description
380069	When the service graph generates a fault, the fault message displays at the system level instead of the tenant level. Cisco has been notified of this issue.
403172	Administrative priority from static route cannot add value to 4294967295. Cisco ACI only supports up to nine digital entries.

## Change log

Date	Change Description
2019-10-21	Initial release.



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