

FortiSwitch - Release Notes

VERSION 3.3.2

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FortiSwitch 3.3.2 Release Notes

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Change Log

Date	Change Description
2015-10-26	Initial release.
2015-12-18	Added FSW-448D, FSW-448D-POE, FSW-448D-FPOE and FSW-248D-POE (released on build 4043) to Supported and Featured Models list.
2015-12-21	Updated Supported Models list and Special Notices.
2016-01-11	Updated Product Integration and Support: FortiOS (FortiLink Support): 5.4.0 and later and supported models.

Introduction

This document provides the following information for FortiSwitch 3.3.2 build 0128:

- Supported models
- Special Notices
- Upgrade Information
- Product Integration and Support
- Resolved Issues
- Known Issues

See the [Fortinet Document Library](#) for FortiSwitch documentation.

Supported models

FortiSwitch 3.3.2 supports the following models:

FortiSwitch	FSW-108D-POE, FSW-124D, FSW-124D-POE, FSW-224D-POE, FSW-224D-FPOE, FSW-248D-POE, FSW-448D, FSW-448D-POE, FSW-448D-FPOE, FSW-548D-FPOE, FSW-1024D, FSW-1048D, FSW-3032D.
FortiSwitch Rugged	FSW-R-112D-POE

The following models are released on a special branch based off FortiSwitch 3.3.2.



FSW-248D-POE	is released on build number 4044.
FSW-448D	is released on build number 4044.
FSW-448D-POE	is released on build number 4044.
FSW-448D-FPOE	is released on build number 4044.

What's new in 3.3.2

The following is a list of enhancements in FortiSwitch 3.3.2:

- Enabled Auto-FortiLink discovery on some of the RJ-45 ports by default
- Support POE-pre-standard detection on POE enabled models in local and FortiLink mode
- Support Outgoing traffic vlan tag changes using ingress ACL

Special Notices

Features

Features support per model.

FortiSwitch 100

Feature	F5W-108D-POE	FSR-112D-FPOE	F5W-124D	F5W-124D-POE
802.1x MAC base security mode	✓	✓	✓	✓
48 port lag support				
Auto module max speed detection & notification				
IP conflict detection & notification	✓	✓	✓	✓
MAC-IP Binding				
Static BFD				
HW based ECMP				
LLDP transmit	✓	✓	✓	✓
Loop-guard	✓	✓	✓	✓
LAG min-max-bundle	✓	✓	✓	✓
SFLOW	✓	✓	✓	✓
Storm Control	✓	✓	✓	✓
ACL			✓	✓
IGMP Snooping			✓	
Static L3/HW based routing				
Software Routing Only	✓	✓	✓	✓

Feature	FSW-108D-POE	FSR-112D-FPOE	FSW-124D	FSW-124D-POE
CPLD Software Upgrade Support for OS				
POE-pre-standard detection	✓	✓		✓
vlan tag by ACL			✓	✓

FortiSwitch 200

Feature	FSW-224D-POE	FSW-224D-FPOE	FSW-248D-POE
802.1x MAC base security mode	✓	✓	✓
48 port lag support			✓
Auto module max speed detection & notification			
IP conflict detection & notification	✓	✓	✓
MAC-IP Binding			
Static BFD			
HW based ECMP			
LLDP transmit	✓	✓	✓
Loop-guard	✓	✓	✓
LAG min-max-bundle	✓	✓	✓
SFLOW	✓	✓	✓
Storm Control	✓	✓	✓
ACL		✓	✓
IGMP Snooping		✓	✓
Static L3/HW based routing			

Feature	FSW-224D-POE	FSW-224D-FPOE	FSW-248D-POE
Software Routing Only	✓	✓	✓
CPLD Software Upgrade Support for OS			
POE-pre-standard detection	✓	✓	✓
vlan tag by ACL		✓	

FortiSwitch 400

Feature	FSW-448D	FSW-448D-POE	FSW-448D-FPOE
802.1x MAC base security mode	✓	✓	✓
48 port lag support			
Auto module max speed detection & notification	✓	✓	✓
IP conflict detection & notification	✓	✓	✓
MAC-IP Binding			
Static BFD			
HW based ECMP			
LLDP transmit	✓	✓	✓
Loop-guard	✓	✓	✓
LAG min-max-bundle	✓	✓	✓
SFLOW	✓	✓	✓
Storm Control	✓	✓	✓
ACL	✓	✓	✓
IGMP Snooping	✓	✓	✓

Feature	FSW-448D	FSW-448D-POE	FSW-448D-FPOE
Static L3/HW based routing			
Software Routing Only	✓	✓	✓
CPLD Software Upgrade Support for OS			
POE-pre-standard detection	✓	✓	✓
vlan tag by ACL			

FortiSwitch 500

Feature	FSW-548D-FPOE
802.1x MAC base security mode	✓
48 port lag support	✓
Auto module max speed detection & notification	✓
IP conflict detection & notification	✓
MAC-IP Binding	
Static BFD	
HW based ECMP	✓
LLDP transmit	✓
Loop-guard	✓
LAG min-max-bundle	✓
SFLOW	✓
Storm Control	✓
ACL	✓
IGMP Snooping	

Feature	FSW-548D-FPOE
Static L3/HW based routing	✓
Software Routing Only	
CPLD Software Upgrade Support for OS	
POE-pre-standard detection	✓
vlan tag by ACL	✓

FortiSwitch 1000

Feature	FSW-1024D	FSW-1048D
802.1x MAC base security mode	✓	✓
48 port lag support		✓
Auto module max speed detection & notification	✓	✓
IP conflict detection & notification	✓	✓
MAC-IP Binding	✓	✓
Static BFD	✓	✓
HW based ECMP	✓	✓
LLDP transmit	✓	✓
Loop-guard	✓	✓
LAG min-max-bundle	✓	✓
SFLOW	✓	✓
Storm Control	✓	✓
ACL	✓	✓
IGMP Scoping	✓	✓
Static L3/HW based routing	✓	✓
Software Routing Only		

Feature	FSW-1024D	FSW-1048D
CPLD Software Upgrade Support for OS	✓	✓
POE-pre-standard detection		
vlan tag by ACL	✓	✓

FortiSwitch 3000

Feature	FSW-3032D
802.1x MAC base security mode	✓
48 port lag support	
Auto module max speed detection & notification	
IP conflict detection & notification	✓
MAC-IP Binding	✓
Static BFD	✓
HW based ECMP	✓
LLDP transmit	✓
Loop-guard	✓
LAG min-max-bundle	✓
SFLOW	✓
Storm Control	✓
ACL	✓
IGMP Snooping	✓
Static L3/HW based routing	✓
Software Routing Only	
CPLD Software Upgrade Support for OS	
POE-pre-standard detection	
vlan tag by ACL	✓

Connecting multiple FSW-R-112D-POE switches

The FSW-R-112D-POE switch does not support interconnectivity to other FSW-R-112D-POE switches using the PoE ports. Fortinet recommends using the SFP ports to interconnect switches.

Upgrade Information

FortiSwitch 3.3.2 supports upgrading from FortiSwitch 3.2.0 and above.

Product Integration and Support

FortiSwitch 3.3.2 support

The following table lists 3.3.2 product integration and support information.

Web browser	<ul style="list-style-type: none">• Microsoft Internet Explorer version 10, 11• Mozilla Firefox version 38• Google Chrome version 43 <p>Other web browsers may function correctly, but are not supported by Fortinet.</p>
FortiOS (FortiLink Support)	<ul style="list-style-type: none">• 5.4.0 and later FortiSwitch models: FS-108D, FS-124D, FS-124D-POE, FS-224D-POE, FS-224D-FPOE, FS-248D-POE, FS-248D-FPOE, FS-424D, FS-424D-POE, FS-424D-FPOE, FS-448D, FS-448-POE, FS-448-FPOE, FS-524D, FS-524D-POE, FS-524-FPOE, FS-548D, FS-548-FPOE, FS-1024D, FS-1048D, FS-3032D, FSR-112D-POE FortiGate models: FG-60D, FG-60D-POE, FG-90D, FG-90-POE, FG-100D, FG-140D, FG-140D-POE, FG-140D-POE-T1, FG-200D, FG-240D, FG-280D, FG-280D-POE, FG-600C, FG-800C, FG-1000C, FG-1500D, FG-1200D, FG-3700D, FG-3700DX FortiWiFi models: FWF-60D, FWF-60D-POE, FWF-90D, FWF-90D-POE• 5.2.2 FortiSwitch models: FS-224D-POE FortiGate models: FG-90D, FG-90D-POE, FG-100D, FG-140D, FG-140D-POE, FG-140D-POE-T1, FG-200D, FG-240D, FG-280D, FG-280D-POE, FG-600C, FG-800C, FG-1000C FortiWiFi models: FWF-90D, FWF-90D-POE• 5.2.3 and later FortiSwitch models: FS-108D-POE, FS-124D, FS-124D-POE, FS-224D-POE, FS-224D-FPOE, FSR-112D-POE FortiGate models: FG-60D, FG-90D, FG-100D, FG-140D, FG-200D, FG-240D, FG-280D, FG-600C, FG-800C, FG-1000C, FG-60D-POE, FG-90D-POE, FG-140D-POE, FG-140D-POE-T1, FG-280D-POE FortiWiFi models: FWF-60D, FWF-60D-POE, FWF-90D, FWF-90D-POE

Resolved Issues

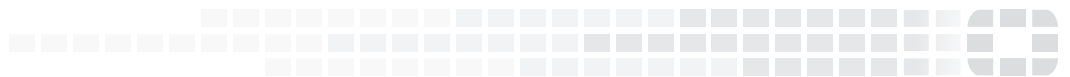
The following issues have been fixed in 3.3.2. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
282326	Connection loss after radius/tacacs configuration changes.
285616	Some IGMP report packets are sent to <code>non-mrouter</code> ports.
287117	MGMT port is not displayed on the front panel of the GUI.
287372	xCat platform does boot up properly.
288045	<code>ipconflict</code> process consumes CPU.
290366	<code>vlan</code> change for a trunk affects all ports on the switch that are members of any trunks.
291047	Not able to ping device after setting <code>mgmt</code> interface to <i>down and up</i> .
293047	The new CLI stops working when running <code>diag sys fan status</code> from the GUI java console.
295296	Setting 802.1x security to <i>None</i> affects other ports when using 802.1X-mac-based.
295966	sflow GUI cannot be disabled correctly.

Known Issues

The following issues have been identified with 3.3.2. For inquiries about a particular bug or to report a bug, please contact [Fortinet Customer Service & Support](#).

Bug ID	Description
287435	Log may show FAN, PSU or Module status as failure/resume randomly.
291938	After de-Auth or deleting the switch, the assigned vlans from FGT may be still maintained until you reboot.



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