

FortiSwitch - Release Notes

VERSION 3.3.1

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FortiSwitch 3.3.1 Release Notes

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Change Log

| Date | Change Description |
|------------|--|
| 2015-08-20 | Initial release. |
| 2015-09-01 | Added 802.1x MAC support to all models in the Feature List table. |
| 2015-09-11 | FSW-248D-FPOE released on build number 4029 Updated Features list with FSW-248D-FPOE |
| 2015-09-14 | Updated the Features list. |
| 2015-09-17 | Updated the Features list. FSW-524D-FPOE released on build number 4029. Added 288045 to Known Issues List. |
| 2015-09-23 | FSW-424D-FPOE released on build number 4031. Updated Features list. |
| 2015-10-02 | FSW-524D is released on build number 4037. FSW-548D is released on build number 4032. Updated Features list. |
| 2015-10-06 | Updated Features list. |
| 2015-10-30 | Updated FSW-524D build number to 4035. |
| 2015-11-05 | FSW-424D and FSW-424D-POE is released on build number 4035. Updated Features list. |
| 2015-11-13 | Updated FSW-548D build number to 4035. |

Introduction

This document provides the following information for FortiSwitch 3.3.1 build 0124:

- [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 3.3.1 supports the following models:

| | |
|---------------------------|--|
| FortiSwitch | FSW-108D-POE, FSW-224D-POE, FSW-1024D, FSW-1048D, FSW-3032D, FSW-124D, FSW-124D-POE, FSW-224D-FPOE, FSW-248D-FPOE, FSW-424D-FPOE, FSW-524D, FSW-524D-FPOE, FSW-548D and FSW-548D-FPOE. |
| FortiSwitch Rugged | FSW-R-112D-POE |

The following models are released on a special branch based off FortiSwitch 3.3.1.



| | |
|----------------------|-----------------------------------|
| FSW-248D-FPOE | is released on build number 4029. |
| FSW-424D | is released on build number 4035. |
| FSW-424D-FPOE | is released on build number 4031. |
| FSW-424D-POE | is released on build number 4035. |
| FSW-524D | is released on build number 4035. |
| FSW-524D-FPOE | is released on build number 4029. |
| FSW-548D | is released on build number 4035. |

Special Notices

Features

Features support per model.

FortiSwitch 100

| Feature | F5W-108D-POE | F5W-R-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 | | | | |

| Feature | FSW-108D-POE | FSW-R-112D-FPOE | FSW-124D | FSW-124D-POE |
|--------------------------------------|--------------|-----------------|----------|--------------|
| Software Routing Only | ✓ | ✓ | ✓ | ✓ |
| CPLD Software Upgrade Support for OS | | | | |

FortiSwitch 200

| Feature | FSW-224D-POE | FSW-224D-FPOE | FSW-248D-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 | | ✓ | ✓ |
| Static L3/HW based routing | | | |
| Software Routing Only | ✓ | ✓ | ✓ |

| Feature | FSW-224D-POE | FSW-224D-FPOE | FSW-248D-FPOE |
|--------------------------------------|--------------|---------------|---------------|
| CPLD Software Upgrade Support for OS | | | |

FortiSwitch 400

| Feature | FSW-424D | FSW-424D-FPOE | FSW-424D-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 | ✓ | ✓ | ✓ |
| CPLD Software Upgrade Support for OS | | | |

FortiSwitch 500

| Feature | FSW-524D | FSW-524D-FPOE | FSW-548D | 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 | ✓ | ✓ | ✓ | |
| Static L3/HW based routing | ✓ | ✓ | ✓ | ✓ |
| Software Routing Only | | | | |
| CPLD Software Upgrade Support for OS | | | | |

FortiSwitch 1000

| Feature | FSW-1024D | FSW-1048D |
|-------------------------------|-----------|-----------|
| 802.1x MAC base security mode | ✓ | ✓ |

| Feature | FWS-1024D | FWS-1048D |
|--|-----------|-----------|
| 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 | ✓ | ✓ |

FortiSwitch 3000

| Feature | FWS-3032D |
|--|-----------|
| 802.1x MAC base security mode | ✓ |
| 48 port lag support | |
| Auto module max speed detection & notification | |
| IP conflict detection & notification | ✓ |
| MAC-IP Binding | ✓ |

| Feature | FSW-3032D |
|--------------------------------------|-----------|
| 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 | |

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 3.3.1 supports upgrading from FortiSwitch 3.2.0 and above.

Product Integration and Support

FortiSwitch 3.3.1 support

The following table lists 3.3.1 product integration and support information.

| | |
|------------------------------------|--|
| Web browser | <ul style="list-style-type: none">• Microsoft Internet Explorer version 10• 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">• 5.2.2 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 3.3.1. For inquiries about a particular bug, please contact [Customer Service & Support](#).

| Bug ID | Description |
|--------|--|
| 284301 | FortiSwitch-1024D loses the forwarding table. |
| 285947 | There is LACP instability between FortiSwitch-1048D and the Juniper MX router. |
| 289046 | Routing packet between SVI causes FortiSwitch-108D-PoE to stop working. |
| 289156 | <code>ntp daemon</code> stalls due to a socket leak overtime. |
| 286571 | Host connected to the FortiSwitch cannot be reached via FortiGate. |

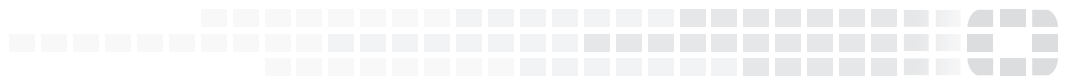
Known Issues

The following issues have been identified with 3.3.1. For inquiries about a particular bug or to report a bug, please contact [Fortinet Customer Service & Support](#).

| Bug ID | Description |
|--------|---|
| 287117 | The MGMT port may not be displayed in the front panel of the GUI. |
| 288045 | <code>ipconflict</code> d process may consume high CPU percentage. |
| 289143 | When RJ45 ports are used, Rx packets may not work on either end of the link between FS-108D-PoE and Cisco 3750 |
| 282326 | After RADIUS and TACACS configuration changes, connection may be lost. Workaround: Toggle system interface <i>Internal</i> Status. |
| 288045 | <code>ip-conflict</code> detection may not work on <code>ipro</code> models. |



High Performance Network Security



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