

DATA SHEET

FortiSwitch Manager

Available in:



Virtual Machine

Scalable, Uncomplicated, Ethernet Switch Management

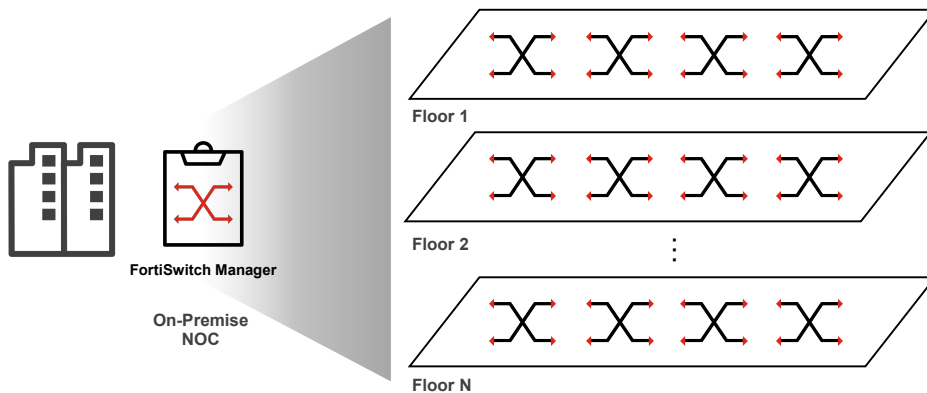
FortiSwitch Manager enables network administrators to cut through the complexities of non-FortiGate-managed FortiSwitch deployments. Historically deploying and managing Ethernet networks has presented challenges to IT administrators. While wireless LANs adopted a controller model to simplify building, deploying, and running wireless networks, Ethernet networks often required some basic configuration before additional management could occur. FortiSwitch Manager simplifies the build, run, and deploy model for FortiSwitch by leveraging a model similar to our popular FortiGate-managed solution utilizing FortiLink.

This scalable solution enables IT administrators to deploy and manage large numbers of FortiSwitch units in an on-premises setting while enabling zero-touch provisioning to shorten deployment times, decreasing complexity.

FortiSwitch Manager does not require specialized hardware. Delivered as a virtual machine, it can run on most common hypervisors. This flexibility extends to deployment location as FortiSwitch manager can be placed anywhere within your on-premises environment, including across layer 3 boundaries.

FortiSwitch is a wide-ranging Ethernet switching line offering switches for any size organization. Our switches fit the needs of small offices and branches up to campus, OT environments, and data centers. FortiSwitch Manager supports all of our most recent models and is backwards compatible to support the majority of existing D-series and later FortiSwitch offerings.

FortiSwitch Manager is offered based on the number of FortiSwitches to be managed. It is sold in stackable increments of 10, 100, and 1000. This scalable solution can support up to 2500 on-premises FortiSwitches, making it a great choice for large deployments.



Key Features

Scalable

- Manage up to 2500 on-Premises FortiSwitches

Simplifies deployment

- Zero-touch configuration enables rapid deployment without complex staging

Easy-to-learn familiar interface

- Similar to our industry-leading FortiGate managed solution

Flexible

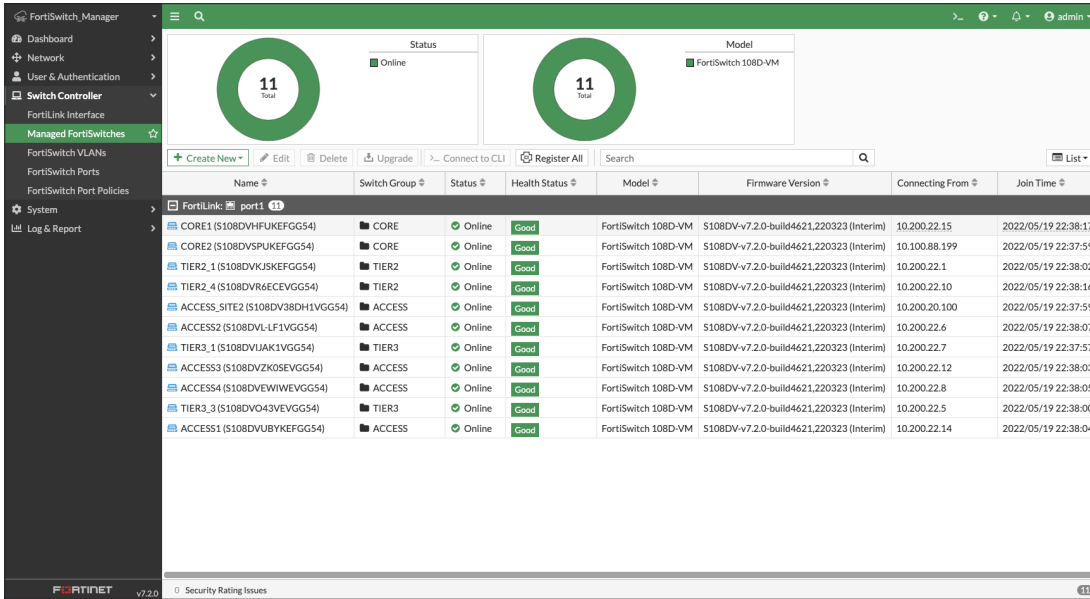
- Delivered as a virtual machine (VM) supporting common hypervisors

No complex licensing

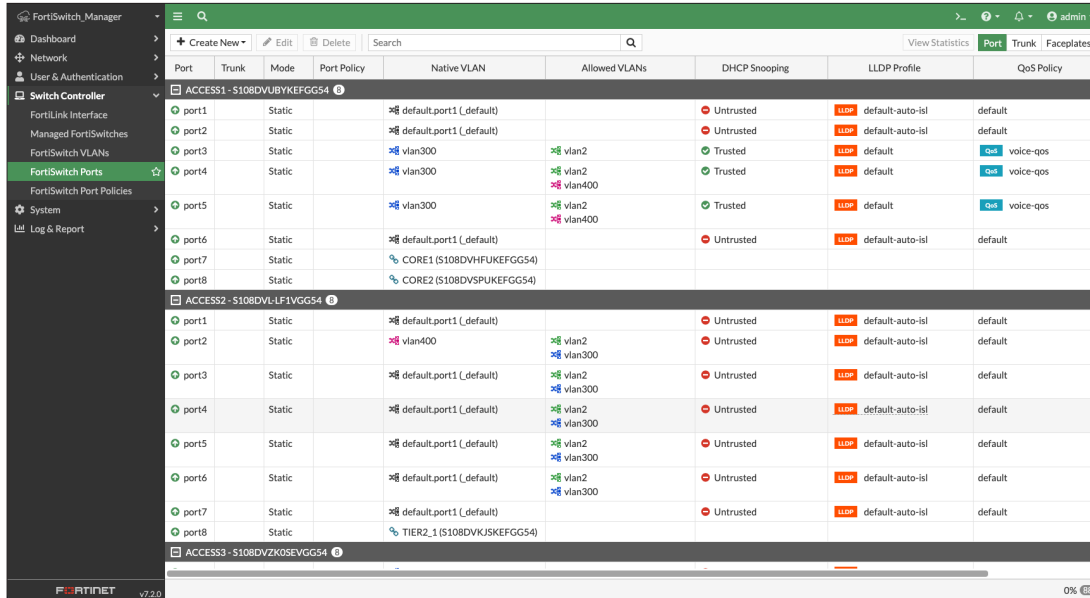
- Stackable licenses offered in ten, one-hundred, and one-thousand increments

FEATURE HIGHLIGHTS

Those familiar with the Fortinet FortiGate Next-Generation Firewall (NGFW) should notice the similar look and feel of FortiSwitch Manager, which shortens the learning curve for adoption of the platform.



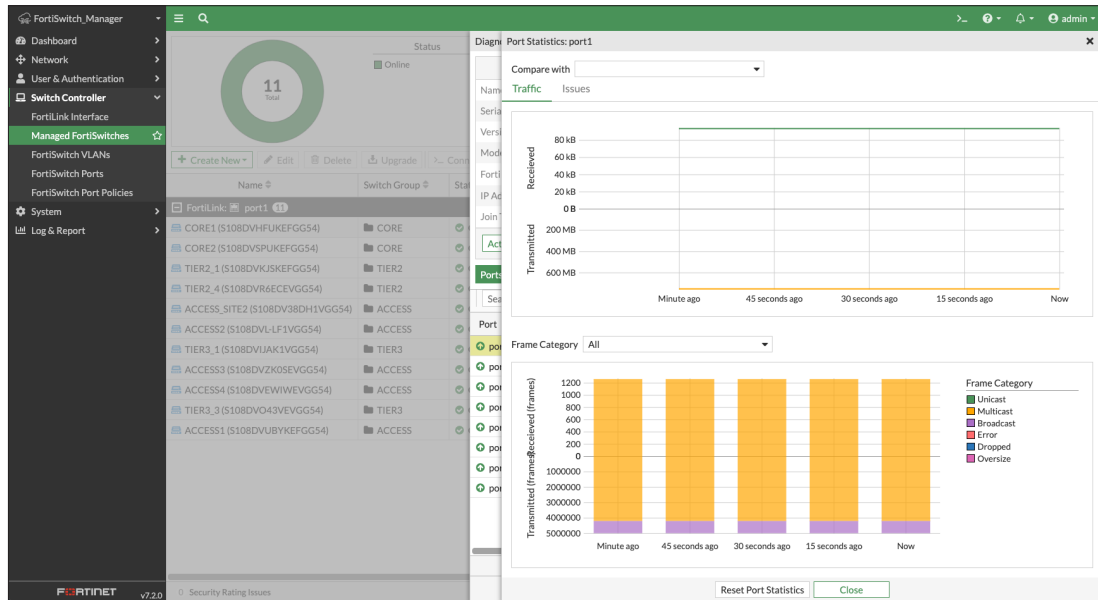
Homescreen Managed FortiSwitches



Configure FortiSwitch Ports



FEATURE HIGHLIGHTS



Troubleshooting

SUPPORTED SWITCH CONTROLLER FEATURES

- Centralized VLAN Configuration
- Switch POE Control
- Link Aggregation Configuration
- Spanning Tree Protocol (STP)
- LLDP/MED
- IGMP Snooping
- 802.1X Authentication (Port-based, MAC-based, MAB)
- Syslog Collection
- DHCP Snooping
- LAG support
- sFlow
- Dynamic ARP Inspection (DAI)
- Port Mirroring
- RADIUS Accounting
- Centralized Configuration
- STP BDPU Guard, Root Guard, Edge Port
- Loop Guard
- Switch admin Password
- Storm Control
- 802.1X-Authenticated Dynamic VLAN Assignment
- QoS
- Centralized Firmware Management
- Automatic network detection and configuration
- Dynamic VLAN assignment by group name
- Sticky MAC addresses
- NetFlow and IPFIX flow tracking and export
- MSTP instances
- QoS statistics
- Configuring SNMP
- IPv4 source guard
- Point-to-point layer-2 network supported
- Dynamic detection of LLDP neighbor devices
- Explicit congestion notification (ECN)
- Aggregation mode selection for trunk members
- Multiple attribute values sent in a RADIUS Access-Request
- PTP transparent-clock mode
- Rapid PVST interoperation
- Flash port LEDs
- Cable diagnostics
- Flow control
- Ingress pause metering



VIRTUALIZATION ENVIRONMENT SUPPORT

HYPERVERSOR	RECOMMENDED VERSIONS
Citrix Hypervisor	8.1 Express Edition, Dec 17, 2019
Linux KVM	Ubuntu 18.0.4 LTS Red Hat Enterprise Linux release 8.4 SUSE Linux Enterprise Server 12 SP3 release 12.3
Microsoft Windows Server	2012R2 with Hyper-V role
Windows Hyper-V Server	2019
Open source XenServer	Version 3.4.3 Version 4. and later
VMware ESX	Versions 4.0 and 4.1
VMware ESXi	Versions 4.0, 4.1, 5.0, 5.1, 5.5, 6.0, 6.5, 6.7, and 7.0

SYSTEM REQUIREMENTS

NUMBER OF MANAGED FORTISWITCH UNITS	VCPU	MEMORY (GB)	HARD DISK
1-10	8 (minimum 4)	8 (minimum 4)	1 TB (minimum 32 GB)
10-100	16 (minimum 8)	16 (minimum 8)	1 TB (minimum 32 GB)
100-1000	32	32 (minimum 16)	1 TB (minimum 32 GB)
1000-2500	32	32 (minimum 16)	1 TB (minimum 32 GB)

ORDER INFORMATION

FORTISWITCH MANAGER SUBSCRIPTION LICENSE	DESCRIPTION
FC1-10-SWMVM-258-01-DD	Subscription license for 10 FortiSwitch units managed by FortiSwitch Manager VM. 24x7 FortiCare support (for FSWM VM) included.
FC2-10-SWMVM-258-01-DD	Subscription license for 100 FortiSwitch units managed by FortiSwitch Manager VM. 24x7 FortiCare support (for FSWM VM) included.
FC3-10-SWMVM-258-01-DD	Subscription license for 1000 FortiSwitch units managed by FortiSwitch Manager VM. 24x7 FortiCare support (for FSWM VM) included.



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