



## FortiWAN Controller Release Notes

Version v1.4.1

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FortiWAN Controller v1.4.1 Release Notes

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## Change log

Date	Change Description
1/22/2019	FortiWAN Controller 1.4.1 Initial Release

## Introduction

This document covers the main features, installation instructions, and known issues for the FortiWAN Controller 1.4.1 release.

FortiWAN Controller provides a centralized solution for managing multiple FortiWAN devices, enabling you to:

- Configure networks, create shared-resources, and manage business rules and firewalls from one centralized location.
- Upgrade, backup, and restore builds and device configurations with batch processing.
- Auto-generate and maintain multi-link VPNs between sites.
- Monitor and view detailed information about your VPN link status and traffic statistics.

Build number 0282.

## Main features

This section highlights the main features of the FortiWAN Controller 1.4.1 release.

### Centralized configuration management

Centralized configuration management features enable you to manage and maintain your network from one location. Through FortiWAN Controller, you can:

- Manually add and deploy FortiWAN configurations,
- Backup and restore configurations, and
- Batch-upgrade builds for FortiWAN devices.

### Intelligent application scheduling

Intelligent application scheduling simplifies and automates routine tasks by automatically creating intra-network routes, site-to-site VPN connections between Hubs and Edges, as well as offering dynamic scheduling policies.

### Zero touch provisioning

Zero touch provisioning (ZTP) simplifies the setup process by:

- Automatically detecting and connecting the Call Home register server to the FortiWAN Controller,
- Sharing device information between the FortiWAN Controller and Call Home server, and
- Enabling you to pre-add devices to the FortiWAN Controller.

### Network-wide application visualization

Network-wide application visualization features are designed to provide you with:

- Real-time Device and Link status monitoring,
- Real-time network-wide application traffic monitoring,
- Device and link health visualization, and
- Application health visualization.

# Upgrade Notes

## **FortiWAN & Controller compatibility**

If FortiWAN 5.1.2 is deployed, Controller 1.4.1 (or above) is required.

## Installation instructions

The FortiWAN Controller is packaged as an OVF image file and can be deployed on VMWare ESXi.

FortiWAN models supported by the Controller include:

- FortiWAN 30E
- FortiWAN 200E
- FortiWAN-VM (10Mbps, 20Mbps, 50Mbps, 100Mbps, 200Mbps, 500Mbps, 1000Mbps, and 2000Mbps)

For detailed instructions on the FortiWAN Controller installation process, refer to the FortiWAN Controller Admin Guide.

## Resolved Issues

Bug ID	Description
515886 & 519439	Global Routing performance issue. The maximum nonsdwan route redistributed from FortiWAN to legacy routers enlarges to 1024 (This fix needs cooperation between new version of FortiWAN and Controller)
525766	Unable to change password for admin

## Known limitations

The following limitation has been identified in this release. For inquiries about a particular limitation or to report an issue, contact [Fortinet Customer Service & Support](#).

Bug ID	Description
533812	In global routing, the maximum nonsdwan route entries are limited by FortiWAN address group member limitation 1024. <b>Workaround:</b> N/A

## Known issues

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

Bug ID	Description
520224	<p>The FortiWAN Controller web page may slow down if you have more than 4096 business rules and 2048 firewall rules configured.</p> <p><b>Workaround:</b> To prevent a slowdown, do not add an excessive number of business and firewall rules.</p>
521247	<p>The FortiWAN Controller will fail to synchronize configurations to FortiWAN devices if the VLAN interface is used on a WAN port.</p> <p><b>Workaround:</b> To prevent this issue, do not use the VLAN interface on a WAN port.</p>
522640	<p>The FortiWAN Controller will fail to synchronize with FortiWAN devices if there are more than 1000 VLAN interfaces configured.</p> <p><b>Workaround:</b> To prevent this issue, do not exceed 1000 VLAN interfaces.</p>



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