



FortiWAN Release Notes

Version v5.1.2

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FortiWAN v5.1.2 Release Notes

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Change log

Date	Change Description
1/22/2018	FortiWAN 5.1.2 Initial Release

Introduction

This document covers the main features, installation instructions, and known issues for the FortiWAN 5.1.2 release.

FortiWAN is a Link Load Balancing, Multi-Homing, and Tunnel Routing system that distributes outbound and inbound internet traffic across multiple WAN links of differing technologies as well as builds multi-link VPNs between sites.

The FortiWAN E-series features a new design and operating system (OS) which offers a faster and more configurable product that works in conjunction with the FortiWAN Controller to meet your SD-WAN needs.

Build number 0141.

Main Features

This section highlights the main features of the FortiWan 5.1.2 release.

WebUI enhancements

When system license is invalid or gets expired, GUI will be redirected to license import page.

LLB health check enhancement

Change the default health check method of llb links to be LLB_HLTHCK_ICMP + LLB_HLTHCK_HOPS; the relationship is OR.

FortiWAN Cloud-Init

FortiWAN Cloud-Init Config Drive is used to pre-configure the FortiWAN VM so that it boots with a valid license and a pre-determined configuration.

Upgrade notes

FortiWAN & Controller compatibility

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

Supported hardware models & VM

The FortiWAN 5.1.2 release supports the following platforms:

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

Installation instructions

For guidance on the FortiWAN 30E and FortiWAN 200E installation process, refer to the Quick Start Guide (QSG).

For guidance on the FortiWAN-VM installation process, refer to the FortiWAN-VM Installation 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 the new versions of FortiWAN and Controller)
519711	When changing the interface mode from static to DHCP, the IP address will not be cleared.
520532	Changing port1 and port2 from DHCP to static mode at the same time will trigger route lost
521561	cmdbsvr coredump when syncing a number of address/ad-dgrp/nonsdwan from Controller to FortiWAN
514604	System returns error when you add more than 1024 VLAN interfaces
518277	Without firewall SKU in license, the connection limit function does not work
532442	GUI monthly and weekly statistics charts are incorrect
524045	Sometimes the statistics charts in GUI's main page show nothing
520510	Save button on editor of box GUI Service > LLB > Source NAT doesn't work

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
534111	<p>IPSec tunnel between FortiWAN devices may fail to be established if the peer IP address is never fetched by local port from DHCP.</p> <p>Workaround: A corner case. No workaround</p>
484109	<p>The FortiWAN boot-up process may slow down if you have more than 1024 firewall rules configured.</p> <p>Workaround: To prevent a slowdown, do not add more than 1024 firewall rules.</p>
484657	<p>When updating the number of connection limits in a connection-limit policy, the new policy will not apply to older existing connections. The updated connection-limit policy will only apply to new connections.</p> <p>Workaround: Once the old connections expire or disconnect, the connection number will be accurately limited by the policy.</p>
499016	<p>If you use IKEv1, FortiWAN cannot establish multiple VPN tunnels with the same remote IP while using different local IP addresses.</p> <p>Workaround: If multiple IPSec tunnels are needed, use IKEv2 instead.</p>
502556	<p>Data connections will not be established if the Virtual Server is configured with non-21 ports for FTP. This is currently a limitation as FortiWAN only supports standard port 21 for FTP application in Server Load Balance.</p> <p>Workaround: N/A.</p>
502848	<p>The GLB function will not work when a FTP virtual server with port 21 is configured.</p> <p>Workaround: Do not configure FTP Server Load Balance if you need to use the GLB function.</p>
505926	<p>The GLB function may not respond if more than 96 members are configured in one virtual-server pool.</p> <p>Workaround: To prevent this issue from occurring, do not add more than 96</p>

Bug ID	Description
	members per virtual-server pool.
514604	<p>The FortiWAN boot-up process may slow down if you have more than 1024 VLAN interfaces configured.</p> <p>Workaround: To prevent a slowdown, do not add more than 1024 VLAN interfaces.</p>
517169	<p>Sometimes the GUI will not load, especially after upgrading to a new build.</p> <p>Workaround: To resolve this issue, clear your browser's cache.</p>



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