

Citrix SD-WAN 11.2.0 Release Notes

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Contents

Copyright and Trademark Notice	2
Contents	3
Introduction	4
Fixed Issues	5
Known Issues.....	7

Introduction

This release notes describes fixed issues and known issues applicable to Citrix SD-WAN software release 11 version 2 for the SD-WAN Standard Edition, WANOP, Premium Edition appliances, and SD-WAN Center.

For information about the previous release versions, see the [Citrix SD-WAN](#) documentation.

Fixed Issues

SDWANHELP-1098: Citrix SD-WAN Optimization Rules UI crashes after adding or modifying any of its rules name with double quotes. This is applicable for **Application Classifiers, Links, Service Classes,** and **Traffic Shaping Policies** rules.

SDWANHELP-1159: Citrix SD-WAN does not advertise the routes to the OSPF neighbour. This happens when the routes are changed at SD-WAN appliance or virtual paths flap happens which causes virtual WAN routes to be re-synced across the sites. In this case, if the link to OSPF peer is lossy, SD-WAN appliance might enter a state where it never advertises the SD-WAN routes to the OSPF neighbour.

SDWANHELP-1169: The SD-WAN service gets aborted when a packet is scheduled for transmission for a DVP that is pending removal. The software erroneously tries to remove it from an empty packet list.

SDWANHELP-1189: During the software appliance upgrade, the installation process can fail on the SD-WAN 210 Standard Edition (SE) appliances. To continue with the upgrade process, the appliance must be rebooted.

SDWANHELP-1222: In rare conditions, when connection tracking is enabled on an SD-WAN appliance, a specific combination of IP addresses, packet length, and IP protocol, might cause an error in checksum validation. Hence, the UDP or TCP packets inappropriately get dropped.

SDWANHELP-1241: In few cases, appliance information is not shown on the SD-WAN Center Inventory and Status page due to the crash of SD-WAN Center service.

SDWANHELP-1248: In few cases, the SD-WAN service might be aborted while processing the Internet Group Management Protocol (IGMP) packets in multi routing domain configurations.

SDWANHELP-1253: The Citrix SD-WAN appliance might drop internet traffic in multi routing domain configurations.

SDWANHELP-1256: During a configuration update in an SD-WAN appliance, when a branch removes all but one Routing Domain, the Network Address Translation (NAT) might fail for Internet traffic.

SDWANHELP-1276: On cloning a site in Citrix SD-WAN Center, the access interfaces don't get cloned properly. The IP addresses remain the same as the original site even if the modification was done during cloning.

SDWANHELP-1284: If Citrix SD-WAN had BGP enabled, it was not allowed to forward BGP packets originated from and destined for other peers to go over the virtual path to other sites.

SDWANHELP-1385: The SD-WAN device serial number information could be lost and reset to Default string due to an issue in BIOS firmware v1.0b on SD-WAN 210 platform.

NSSDW-21808: The provisioned appliance information on SD-WAN Center gets cleared before the actual de-provision operation gets completed on the appliance. If any error occurred during de-provisioning, then you cannot perform any Palo Alto specific operations on the appliance from SD-WAN Center.

NSSDW-25440: Significant packet loss or network delays might be observed in Azure on instances with network acceleration enabled.

NSSDW-27341: In Citrix SD-WAN Center, you cannot perform the configuration for the Notification Settings that are Email Alerts, SNMP Traps, Syslog, and HTTP.

NSSDW-27530: In Citrix SD-WAN, changing the access interface IP address for a WAN Link can bring down the paths that are associated with the WAN Link.

NSSDW-28146: If Citrix SD-WAN 11.2.0 release is upgraded from 10.2 release or downgraded to 10.2 release once and later it is upgraded to 11.0/11.1 releases, then again downgrading back to 10.2 release fails.

Similarly, after upgrading from Citrix SD-WAN Center from 10.2 release to 11.2.0 release, the downgrading of SD-WAN Center from 11.2.0 to 10.2 release was not supported.

NSSDW-28971: Once you log into the SD-WAN appliances and virtual machines, you might gain root shell access with the 11.x based image using a hardcoded password. The affected SD-WAN platforms are 110 and VPXs provisioned with 11.x images.

Known Issues

NSSDW-23558: Citrix SD-WAN Edge Security is not interoperable with the Cloud Direct and Cloud Security features.

NSSDW-25452: The Citrix SD-WAN Orchestrator UI and the Citrix SD-WAN configuration compiler do not catch out of the allowed range of DHCP lease interval, which causes DHCP daemon to fail.

- **Workaround** - Specify the valid lease time for DHCP is 300 - 86400 sec.

NSSDW-27105: The Data Plane Development Kit (DPDK) crashed every time when one of the ports is brought down while traffic is going through. At that time DPDK crashes, SD-WAN service gets restarted and virtual path is dead. After a few minutes the Virtual Path comes UP automatically.

NSSDW-27139: Citrix SD-WAN Edge Security is not interoperable with the WANOP feature.

NSSDW-27587: A disk warning message occurs on the SD-WAN VPX appliance running as MCN with the default 40 GB disk space.

- **Workaround** – It is recommended to use 120/240 GB virtual disks for the SD-WAN MCN VPX with up to 128/256 virtual path support.

NSSDW-27719: Convertible management port cannot be used for VPX deployed on hypervisors using the IXGBEVF driver. This might result in critical software errors and the service being disabled.

NSSDW-27727: Networks with VPX and VPXL instance using the IXGBEVF driver, used for certain Intel 10GB NICs when SR-IOV is enabled, must not be upgraded to 11.2.0. This might result in a loss of connectivity. This issue is known to impact AWS instances with SR-IOV enabled.

NSSDW-27817: The Web filtering functionality of Citrix SD-WAN Edge Security by default closes the TCP connection when the user tries to access blocked sites when using the HTTPS protocol, instead of redirecting the user to an informative Web page with details about the request being blocked.

NSSDW-27847: Overlapping IP addresses across different Routing Domains are not supported by Citrix SD-WAN Edge Security. The session log messages also do not contain the routing Domain information.

NSSDW-27850: Citrix SD-WAN Anti Malware engine redirects the user to a non-routable IP address when it detects a virus in an HTTP webpage. In result, the end-user browser becomes unresponsive while trying to retrieve it until it times out.

NSSDW-27928: You cannot enable or disable the modem if no configuration is done on the LTE modem.

- **Workaround:** Perform a configuration change, for example - update Access Point Name (APN).

NSSDW-27934: If **Two-Box Solution** is enabled, you cannot upgrade from 11.2.0 release to any upper releases without disabling **Two-Box Solution** and re-enabling it after the upgrade is complete.

- **Workaround:** It is recommended that customers using **Two-Box Solution** must upgrade to 11.2.1 (Future release) instead of 11.2.0 release.

NSSDW-27935: HTTP server alerts will not be sent from Citrix SD-WAN appliances.

- **Workaround:** Use Citrix SD-WAN Center to send HTTP server alerts.

NSSDW-27938: STS bundle that is created via CLI is not downloadable through SD-WAN GUI.

- **Workaround:** Use Citrix SD-WAN GUI to create the STS bundle.