

Release Notes

Basic Information

Product Model	<ul style="list-style-type: none">• ADS NX3-200E• ADS NX3-600E• ADS NX3-800E• ADS NX3-2010• ADS NX3-2020• ADS NX5-4020• ADS NX5-6025• ADS NX3-2020E• ADS NX5-4020E• ADS NX5-6025E• ADS NX5-8000
Software Version	V4.5R90F00.sp03
Upgrade File	update_ADS_x86_V4.5R90F00.sp03_20180608.zip MD5: 226709e67a720db03d967db807b7fff9
Release Date	2018.6.08
How to Obtain	Contact technical support personnel of NSFOCUS.

Version Mapping

Source Software Version	V4.5R90F00
Product Model	<ul style="list-style-type: none"> • NSF1100-1 • NSF2800-2 • NSF2800-6 • NSF3600-4
Management Platform Version	<ul style="list-style-type: none"> • V4.5R90F00SP03
Network Traffic Analyzer Platform Version	<ul style="list-style-type: none"> • V4.5.61.2 • V4.5R90F00 • V4.5R90F00SP01 • V4.5R90F00SP02 • V4.5R90F00SP03
Client	N/A
Other System or Tool	N/A
Documentation	NSFOCUS ADS User Guide (V4.5R90F00)

Function Changes

1. The SeqCheck algorithm is optimized.

Fixed Bugs

Bug ID	Description
Bug 136353:	Under certain conditions, for upgrade from V4.5R89F03 to V4.5R90F00, if no related adjustments are made to the HTTPS configuration file, an error is reported during cluster synchronization.
Bug 137194:	The Clear Whitelist button does not work on the Whitelist page. After a user clicks this button, no entry is deleted from the whitelist.
Bug 133490:	An error is reported when all parameters except Access Control and Time of Creation are set to 0 for a regular expression rule during rule creation.
Bug 137156:	After running for some time, ADS automatically disconnects from the BGP neighbor and the neighbor's IP address cannot be pinged from ADS.
Bug	A domain name format error is reported when some legal domain names are specified

131190:	for DNS Query Name for a DNS keyword checking policy under Policies > Access Control.
Bug 135897:	When a region for diversion is created or deleted, status code 500 is returned.
Bug 132852:	When a protection group is retrieved in terms of an IP address in the format of *.*.*./32, no protection group is found even if there is actually a protection group that contain such IP address.
Bug 132584:	Access control rules dispatched via the web API cannot be deleted.
Bug 132922:	Some contents in weekly reports are not correct.
Bug 131310:	ADS-M keeps synchronizing the same configuration file from the master ADS to a backup ADS.
Bug 135314:	When the injection interface of one route, among multiple equal-cost routes working in load-balancing mode, is down, traffic is still forwarded to this interface.
Bug 135555:	Some parameters of access control rules are under different setting constraints between the web API and web-based manager.
Bug 124208:	When Allow+Whitelist is selected for Action in a DNS keyword checking policy under Policies > Access Control, source IP addresses of matching packets cannot be added to the whitelist.
Bug 135507:	If HTTP protection for a protection group is disabled via web API, the HTTP POST protection policy is still enabled and protects against HTTP POST attacks.
Bug 135510:	If HTTPS protection for a protection group is disabled via web API, disabling ACK protection will cause the system to display a message, saying "To use HTTP protection policies, you must enable ACK flood protection. Whether to disable the HTTP protection policy?"
Bug 135912:	If DDoS settings for a protection group are specified via web API, the DDoS settings will erase the group's URL-related data in the engine.
Bug 138606:	This version does not support 1000M and 10G optical built-in bypass cards.
Bug 138903:	The newly imported SSL certificate will be restored to the default one upon upgrade.

Upgrade Path

- ADS V4.5R90F00.sp02 is upgraded from V4.5R90F00 or V4.5R90F00.sp01.
- The after-upgrade version will be V4. 5R90F00. sp02.

Rollback Path

- The upgraded version can be rolled back to V4.5R90F00 ,V4.5R90F00. sp01 or V4.5R90F00. sp02 .
- In the CLI, run the **update rollback** command to roll back the version. After the command is successfully executed, the system automatically restarts. Then the version changes back to V4.5R90F00 ,V4.5R90F00. sp01 or V4.5R90F00. sp02.

Upgrade Procedure

Make sure that configuration changes made before upgraded are saved by clicking **Save** in the upper-right corner of the web-based manager. Unsaved configuration changes will be missing after upgrade.

Step 1 Log in to the web-based manager and choose **System > Others > System Upgrade**.

Step 2 Click **Browse**, select the **update_ADS_x86_V4.5R90F00.sp03_20180608.zip** file, and click **Start Upgrade**.

The upgrade begins. If the system prompts errors during the upgrade, please contact technical support personnel of NSFOCUS.

Step 3 After the system informs you that the upgrade is complete, restart the system.

- If the system cannot be restarted, the upgrade failed. In this case, contact technical support personnel of NSFOCUS.
- If the system is successfully restarted, go to Step 4.

Step 4 Log in to the web-based manager and choose **System > Others > Version Info** to check the system version.

- If **Version** is **V4.5R90F00.sp03**, the upgrade succeeded.
- If **Version** is not **V4.5R90F00.sp03**, the upgrade failed. In this case, contact technical support personnel of NSFOCUS.

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