

1 Release Notes

Basic Information

Product Model	<ul style="list-style-type: none">• ADS NX3-800E• ADS NX3-2020E• ADS NX5-4020E• ADS NX5-6025E• ADS NX5-8000• ADS NX5-10000• ADS NX5-HD6500
Software Version	V4.5R90F02.sp01
Upgrade File	update_ADS_x86_V4.5R90F02.sp01_20200509.zip MD5: a91845e6a0eb820cf338e5879b0b91e3
Release Date	2020.05.11
How to Obtain	Contact technical support personnel of NSFOCUS.

Version Mapping

Source Software Version	V4.5R90F02SP01
Product Model	<ul style="list-style-type: none"> • NSF2800-6 • NSF3600-4 • NSF1100-3 • HTCA-6U • D.NSP-7224B-1-AC2-8G
Management Platform Version	<ul style="list-style-type: none"> • ADS M V4.5 R90F02SP01
Network Traffic Analyzer Platform Version	<ul style="list-style-type: none"> • NTA V4.5R90F02 • NTA V4.5R90F02SP01
Client	N/A
Other System or Tool	N/A
Documentation	NSFOCUS ADS User Guide (V4.5R90F02SP01)

Function Changes

1. Update the port check, support more flexible configuration
2. The UDP protection adds bps support
3. The abnormal packet filter moves into group
4. Update logo
5. Do not support the upgrade of listed models: ADS NX3-2010, ADS NX3-2020, ADS NX5-4020, ADS NX5-6025, ADS NX3-200E, ADS NX3-600E

Fixed Bugs

Bug ID	Bug Description
170962	The cancel action of enable by default in filtering rules of traffic diversion will write into log
171838	Fix the RCE bug exists in the web page of telnet
168675	Preview the license file by FireFox, the license file will disappear after click the back button

171912	The page has hint only ten seconds later when import the license file
173167	Deleting IP from group configuration which has URL rules, no url rules check
173458	The http fingerprint acquisition of some ipv6 packet fails
173160	The useragent rule of webapi's document needs to add examaple and state of sync interface
173516	Change the caputre from TCP to others, the effective capture is still tcp
173800	Editing the group configuration will display ip conflict, while there is no ip conflict actually
174172	Enable the MPLS label learning, the functions of injecttion and diversion will be abnormal, when there are too many injecttion configurations
174533	The DNS algorithm NO.1 will report two attack logs, this will lead traffic statistics to double
174538	The http's CC algorithm appears COLLCC repeatedly
175343	The web page of manual diversion is blank when there are more than 80000 manual diversion configurations
175258	The webapi's processing capacity is 0

Upgrade Path

- ADS V4.5R90F02.sp01 is upgraded from V4.5R90F02
- The after-upgrade version will be V4.5R90F02.sp01.

Rollback Path

- The upgraded version can be rolled back to V4.5R90F02
- 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 V4.5R90F02

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_V4.5R90F02.sp01_20200509.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 **V4.5R90F02.sp01**, the upgrade succeeded.
- If **Version** is not **V4.5R90F02.sp01**, the upgrade failed. In this case, contact technical support personnel of NSFOCUS.

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