

Release Notes

Basic Information

Product Model	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, ADS NX5-10000
Software Version	V4. 5R90F01. sp01
Upgrade File	update_ADS_x86_V4. 5R90F01. sp01_20181026. zip MD5 : 6ca64f2b82b59aa12038991e063a2ea6
Release Date	2018-10-30
How to Obtain	Contact NSFOCUS technical support.

Version Mapping

Source Software Version	V4.5R90F01.sp01
Product Model	NSF1100-1 NSF1100-3 NSF2800-2 NSF2800-6 NSF3600-4 HTCA-6U
Network Traffic Analyzer Platform	NTA V4.5.61.2.BF19 NTA V4.5.61.2.BF20 NTA V4.5R90F01
Management Platform	ADS M V4.5R90F01.sp01
Client	None
Other System or Tool	None
Documentation	NSFOCUS ADS User Guide (V4.5R90F01)

Function Changes

- IPv6 support is added for the following modules:
 - Regular expression rule
 - DNS keyword checking policy
 - HTTP keyword checking policy
 - Connection exhaustion protection rule
 - 3-DNS_CNAME algorithm in DNS protection policy
 - HTTPS protection policy
 - TCP fragment control policy
 - UDP fragment control policy
 - ICMP fragment control policy
 - Protocol ID checking policy
 - Syslog diversion(only Arbor)
 - SFTP/SSH log export
 - Login security settings
 - Management of locked users
 - Email sending
 - Hierarchical collaboration
- A new route daemon "ripng" is added.

Fixed Bugs

Bug ID	Description
144649	IP groups dispatched by ADS M are not checked for IP address conflicts.
144037	GeoIP rules that allow traffic destined for IPv6 addresses to pass through actually do not work.
144786	If Use Authentication is set to No on the Email page under System > Log Services , clicking Send on the Attack Details page under Logs > Attack Logs fails to send logs to a specified email address.
144787	After a diversion notification is sent for an IPv6 address, all daemons broadcast the diversion route even if a specific daemon is selected.
144797	When an Arbor device sends a syslog message to instruct ADS to stop diverting the traffic of an ID (corresponding to a specific IP address), ADS, after receiving this message, fails to clear information of this ID.
145070	On the Route Daemon page, the Clear configuration button does not work for OSPF, ISIS, RIP, OSPF6 and RIPng routes as expected.

Upgrade Path

1. This upgrade package is for the upgrade of ADS from V4.5R90F01.
2. The new version after the upgrade will be V4.5R90F01.sp01.

Rollback Path

The upgraded version can be rolled back to V4.5R90F01.

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 V4.5R90F01.

Upgrade Procedure

Make sure that configuration changes made before upgrade 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** Browse to the update_ADS_x86_V4.5R90F01.sp01_20181026.zip file and click **Start Upgrade**.
- The upgrade begins. If the system prompts errors during the upgrade, please contact NSFOCUS technical support.
- 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 NSFOCUS technical support.
 - 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. 5R90F01. sp01**, the upgrade succeeded.
- If **Version** is not **V4. 5R90F01. sp01**, the upgrade failed. In this case, contact NSFOCUS technical support.