

# Release Notes

## Basic Information

<b>Device Model</b>	NTA NX3-2000E/1000E/HD2100/HD2200 vNTA
<b>Software Version</b>	V4.5R90F01SP06
<b>Upgrade File</b>	update_nta_V4.5R90F01SP06.191211build33300.bin MD5: 78D6411D219E123C185CE519AACC13B7
<b>Release Date</b>	2019-12-12
<b>How to Obtain</b>	Obtain the upgrade file from the upgrade system or contact NSFOCUS technical support.

## Version Mapping

<b>Product Model</b>	NTA NX3-2000E/1000E (NSF-2800) NTA NX3-HD2100/HD2200 (C236)
<b>ADS</b>	V4.5.88.15, V4.5R90F01, V4.5R90F01SP01, V4.5R90F01SP02, V4.5R90F01SP03, V4.5R90F01SP04, V4.5R90F01SP05, V4.5R90F01SP06, V4.5R90F01SP07
<b>ADS M</b>	V4.5R90F01SP06, V4.5R90F01SP07, V4.5R90F01SP08, and V4.5R90F01SP09
<b>NTA-ATM</b>	V4.5R89F03
<b>Threat Analysis and Traceback System (TAT)</b>	V2.0.0
<b>Client Browser</b>	Chrome Firefox IE 10
<b>Documentation</b>	NSFOCUS NTA Installation Guide/User Guide (V4.5R90F01)

## New Requirements

None

## Fixed Bugs

- Bug 99798: Keepalived's child process hangs and configuration synchronization fails between both active devices.
- Bug 158887: Router data that is generated three or four days ago cannot be retrieved on the **Overview** page under **Monitor**.
- Bug 159020: During the same period, mismatching diversion rules may be applied for a destination IP address.
- Bug 160494: The diversion switching function does not work.
- Bug 165450: The automatic disk cleanup does not work.
- Bug 166357: When the license is replaced on vNTA, **its engine is down** and an error is reported on the alert query page.
- Bug 166419: The device can automatically learn and apply learning results for only a maximum of 50 IP groups.
- Bug 162450: The table that records a large number of logs is found nonexistent in the PG database when its space is about to be cleared.
- Bug 166710: Variable-length fields of other types than 236 cannot be parsed.
- Bug 162373: Auto-learning baseline thresholds fail to be dispatched and the log "send buf error:Resource temporarily unavailable" is recorded.
- Bug 167087: Conflicting IP addresses in regions are not completely detected.
- Bug 167082: An error is reported for regions with certain IDs in the background even if no alert is generated for them.
- Bug 108349: Database connections run out in stable environments.
- Bug 166981: Changing the time zone causes the device to work improperly.
- Bug 168122: The maximum number (200) of IP addresses for which the flow statistics engine and diversion engine can record statistics is inconsistent with that (300) supported by the cloud cleaning interface.

## Upgrade Procedure

**Note: You must upgrade in strict accordance with the upgrade path.**

**The upgrade procedure is as follows:**

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

**Step 2** Browse to **update\_nta\_V4.5R90F01SP06.191211build33300.bin** and click **Upload**.

**Step 3** Read upgrade notes and click **Confirm Upgrade** to start the upgrade.

The upgrade takes about 5 minutes. After the upgrade is complete, refresh the current page.

**Step 4** Click **About** in the upper-right corner of the web-based manager to check the current system version.

If **Product Version** is **V4.5R90F01SP06.191211build33300**, the upgrade succeeded. If not, the upgrade failed and you need to contact NSFOCUS technical support.

----End

**It is normal that the following situations arise during upgrade:**

1. The web-based manager displays an error message "502 Bad Gateway" for or directly denies your access request.

2. All services stop running.
3. The upgrade takes about 5 minutes. If the page remains unresponsive after 5 minutes, you need to manually refresh the page.

Note that the system will automatically restart after the installation is complete.

## Upgrade Path

This upgrade path applies to NTA NX3-1000E/2000E.  
 This following upgrade paths are based on upgrade packages that are tested and published on NSFOCUS' s internal upgrade system. For details, see NSFOCUS' s internal upgrade system. If the upgrade packages you want to apply are not covered here, please contact the R&D personnel.  
 Note: Version rollback is not supported. You can restore factory defaults before re-upgrade.

- ➔ Baseline version upgrade: The upgrade must be conducted between adjacent versions only.
- ➡ Iterative version upgrade: The upgrade is based on baseline version upgrade. Upgrade across multiple versions is allowed.
- Customized or limited version upgrade: The upgrade can only be based on a specific version.

