# Release Notes

## Basic Information

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|---|---|
| **Device Model** | ADS NX3-M1600E |
| **Software Version** | V4.5R90F01SP02 |
| **Upgrade File** | update_adsm_V4.5R90F01SP02build20190108.zip (MD5: c5362af2f43e717d6d1b1240519d924a) |
| **Release Date** | 2019-01-09 |
| **How to Obtain** | Contact NSFOCUS technical support. |

## Version Mapping

| | |
|---|---|
| **Source Software Version** | V4.5R90F01SP01 |
| **Product Model** | ADS NX3-M1600E |
| **Managed Device** | ADS:<br>• V 4.5.88.15.sp13 through V4.5.88.15.sp15<br>• V4.5R89F03 through V4.5R89F03SP03<br>• V4.5R90F00 through V4.5R90F00SP05<br>• V4.5R90F01 through V4.5R90F01SP03<br>NTA:<br>• V4.5.61.2.BF19 through V4.5.61.2.BF21<br>• V4.5R89F03 through V4.5R89F03SP02<br>• V4.5R90F00 through V4.5R90F00SP05<br>• V4.5R90F01<br>• V4.5R90F01SP01 |
| **Client** | • Internet Explorer 11<br>• Chrome<br>• Firefox |
| **Other System or Tool** | None |

| Documentation | NSFOCUS ADS M User Guide (V4.5R90F01) |
|---|---|

**Note:**

Make sure that this version is used together with an ADS or NTA version listed in **Managed Device**; otherwise, the collaboration function will be unable to work properly.

## Open Bugs

None

## Function Changes

### New functions

- The hyperlink to the ADS Portal logo can be customized.
- **Attack Traffic Trend (Peak Size)** and **Top Destination IPs (by Attack Peak Size)** widgets are added to display peak attack traffic.
- Management interface access control supports IPv6 addresses.

### Modified Functions

1. In certain circumstances, ADS M's file system runs improperly.

2. In certain circumstances, the HA function gets disk partition space to be used up.

3. Titles of the emails sent periodically do not contain information about statistical objects of the report.

4. In certain circumstances, the page for configuring basic region information is improperly displayed.

5. The automatic cleaning of tablespace is adjusted.

6. The ADS M Portal security needs to be improved.

## Upgrade and Rollback Paths

ADS M can be upgraded to V4.5R90F01SP02 from V4.5R90F01SP01.

**Note**:

After being upgraded to V4.5R90F01SP02, ADS M cannot be rolled back to the source version.

## Upgrade Procedure

Make sure that the current ADS M version is V4.5R90F01SP01. If the current version is earlier than V4.5R90F01SP01, ask technical support personnel of NSFOCUS to upgrade it to V4.5R90F01SP01.

To perform the upgrade, follow these steps:

**Step 1**   Log in to the web-based manager of ADS M.

**Step 2**   Choose **Administration > Local Settings** > **System Upgrade**.

The **System Upgrade** page appears.

**Step 3**   Browse to the upgrade file  **update_adsm_V4.5R90F01SP02build20190108.zip**. Then click **Upload**.

**Step 4**   After the upgrade package is successfully uploaded and the version number is confirmed to be correct, click **OK** to start the installation.

**Step 5**   After the system informs you that the upgrade is complete, click **OK** to restart the system.

**Step 6**   Refresh the web-based manager. Click **About** in the upper-right corner of the manager to check the current system version.

- If Product Version is V4.5R90F01SP02 and Build Date is 20190108, the upgrade succeeded.
- If Product Version is not V4.5R90F01SP02 or Build Date is not 20190108, the upgrade failed. In this case, contact technical support personnel of NSFOCUS.

**----End**

## Note

After ADS M is upgraded to V4.5R90F01SP02, you need to redeploy ADS Portal under **Administration > Third-Party Interface > Portal Configuration**.