

# NSFOCUS ADS M Release Notes

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## Basic Information

<b>Product Model</b>	<ul style="list-style-type: none"><li>• ADS NX3-M1600E</li><li>• ADS-M NX3-HD2700</li><li>• ADSNX3-M-VM</li></ul>
<b>Software Version</b>	V4.5R90F04
<b>Upgrade File</b>	update_adsm_V4.5R90F04build20221012.zip (MD5: 959b7c44d0d1cc1fee16a2be97866058)
<b>Release Date</b>	2022-10-19
<b>How to Obtain</b>	Contact NSFOCUS technical support.

## Version Mapping

<b>Source Software Version</b>	V4.5R90F03SP04
<b>Product Model</b>	<ul style="list-style-type: none"> <li>• ADS NX3-M1600E</li> <li>• ADS-M NX3-HD2700</li> <li>• ADSNX3-M-VM</li> </ul>
<b>Managed Device Version</b>	<ul style="list-style-type: none"> <li>• ADS versions for collaboration: V4.5.88.15.sp13–V4.5.88.15.sp15 V4.5R90F01–V4.5R90F01SP09 V4.5R90F02–V4.5R90F02SP07 V4.5R90F03–V4.5R90F03SP03</li> <li>• ADS versions the adaptation applies to (other versions do not support ADS M's region management and intelligent protection): V4.5R90F04</li> <li>• NTA (DFI) versions for collaboration: V4.5R90F01–V4.5R90F01SP06 V4.5R90F02–V4.5R90F02SP06 V4.5R90F03–V4.5R90F03SP02</li> <li>• NTA (DFI) versions the adaptation applies to (other versions do not support ADS M's region security management): V4.5R90F04</li> <li>• NTA (DPI) versions for collaboration: V4.5R01M01SP08–V4.5R01M01SP10</li> <li>• NTA (DPI) versions the adaptation applies to (other versions do not support ADS M's region security management): V4.5R90F04</li> </ul>
<b>Client Software</b>	<ul style="list-style-type: none"> <li>• Edge</li> <li>• Chrome</li> <li>• Firefox</li> </ul>
<b>Other Systems or Tools</b>	None
<b>Documentation</b>	<i>NSFOCUS ADS M User Guide (V4.5R90F04)</i>

Note:

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

## New and Optimized Functions

No.	Function Description
1	The region security module is optimized for adaptation to ADS V4.5R90F04 and NTA V4.5R90F04.

No.	Function Description
2	License expiration warnings are added.
3	Protections against new attacks are added.
4	Remote assistance is optimized.
5	Cluster management is optimized.
6	Known issues are fixed.

## Upgrade and Rollback Paths

ADS M can be upgraded to V4.5R90F04 from V4.5R90F03SP04.

Note:

After being upgraded to V4.5R90F04, ADS M cannot be rolled back to the source version.

## Upgrade Procedure

Make sure that the current ADS M version is V4.5R90F03SP04. If the current version is earlier than V4.5R90F03SP04, ask NSFOCUS technical support to upgrade it to V4.5R90F03SP04.

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\_V4.5R90F04build20221012.zip**. Then click **Upload**.

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

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

**If no message is displayed to indicate installation completion, wait 3 minutes. Then the system will automatically restart.**

**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 **V4.5R90F04** and **Build Date** is **20221012**, the upgrade succeeded.
- If **Product Version** is not **V4.5R90F04** or **Build Date** is not **20221012**, the upgrade failed. In this case, contact NSFOCUS technical support.

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## Function Changes

### 1 Access Control Rule Configuration

For adaptation to ADS V4.5R90F04, group-specific access controls are added in the Region module of ADS M. Users can configure access control rules when creating or editing an IP group.

No.	Destination IP	Dst IP Prefix Length/Netmask	Destination Port Range	Source IP	Source Netmask	Src Port Range	Protocol	Access Control	Status	Description	Creation Time	Operation
 No record found.												

Alternatively, users can choose **Region**, click the region ID, and then click **Access Control Rule** in the **Access Policy** column of the **Region IP Group** list to open the configuration page.


ID	Name	Description	IP Range	Access Policy	Operation
72F828425B	test9000	no	192.168.0.1-10	<a href="#">Access Control Rule</a>   <a href="#">Blacklist</a>   <a href="#">GeoIP Rules</a>   <a href="#">NTI</a>	  

### 2 NTI Configuration

For adaptation to ADS V4.5R90F04, the group-specific NTI function is added in the Region module of ADS M. Users can configure the NTI function when creating or editing an IP group.

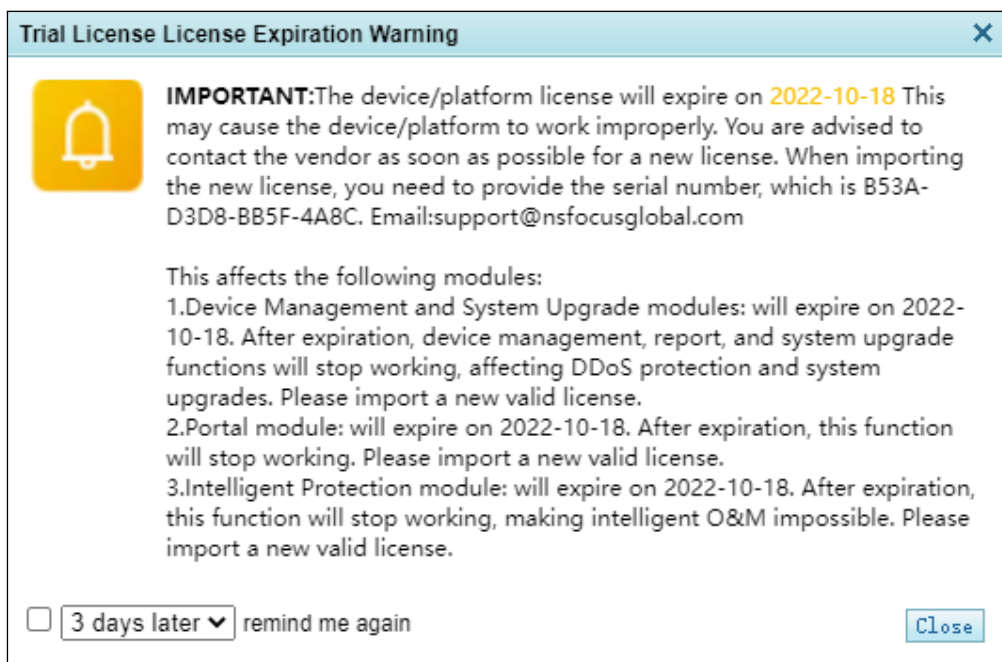
NTI	
Enable: <input type="button" value="No"/>	Policies: <input type="button" value="Block"/>

Alternatively, users can choose **Region**, click the region ID, and then click **NTI** in the **Access Policy** column of the **Region IP Group** list to open the configuration page.

ID	Name	Description	IP Range	Access Policy	Operation
72F828425B	test9000	no	192.168.0.1-10	<a href="#">Access Control Rule</a>   <a href="#">Blacklist</a>   <a href="#">GeoIP Rules</a>   <a href="#">NTI</a>	  

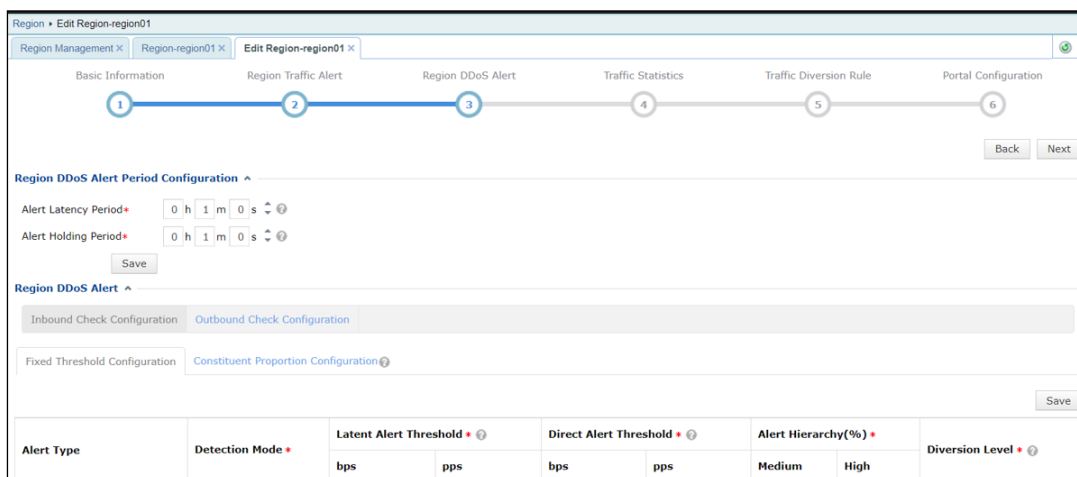
### 3 License Expiration Warnings

License expiration warnings are added to remind users when the current license will expire or has expired, as shown in the following figure.



### 4 Constituent Proportion Configuration

For adaptation to NTA V4.5R90F04, constituent proportion configuration is added for region and IP group protection in the Region module of ADS M, as shown in the following figure.



### Important Note

After ADS M is upgraded to **V4.5R90F04**, you need to redeploy ADS Portal under **Administration > Third-Party Interface > Portal Configuration**.