

# Access Manager 4.5 Service Pack 3 Patch 3 Release Notes

March 2021

Access Manager 4.5 Service Pack 3 Patch 3 (4.5.3.3) supersedes Access Manager 4.5.3 Patch 2.

For the list of software fixes and enhancements in the previous release, see [Access Manager 4.5.3.2 Release Notes](#).

For information about the Access Manager support lifecycle, see the [Product Support Lifecycle](#) page.

If you have suggestions for documentation improvements, click **Comment on this topic** at the top or bottom of the specific page in the HTML version of the documentation posted at the [Documentation \(https://www.netiq.com/documentation/access-manager/\)](https://www.netiq.com/documentation/access-manager/) page.

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## What’s New

This release includes the fix for the following issue:

An authentication bypass issue (CVE-2021-22496).

Special thanks to Tom de Haas of Utrecht University for responsibly disclosing this vulnerability.

## Verifying Version Numbers Before Upgrading to 4.5.3.3

Before upgrading, click **Troubleshooting > Version** in Administration Console, and ensure that the version of Access Manager is 4.5.3.

# Upgrading to Access Manager 4.5.3.3

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**IMPORTANT:** In a cluster setup, ensure that you install the patch on each node of the Access Manager setup.

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## Downloading the Patch

The patch helps in upgrading to the latest Access Manager with ease.

If you have multiple components installed on the same system, the patch installation process takes care of updating all the binaries of these components. For example, if you have both Identity Server and Administration Console installed on a system, installing the patch takes care of updating the binaries of Identity Server and Administration Console.

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**NOTE:** This patch update is not required for Analytics Server.

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**IMPORTANT:** Ensure that you are currently on Access Manager 4.5.3 before upgrading to Access Manager 4.5.3.3.

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You need to procure the license key from the [Software License and Download](#) portal to register to the 4.5.3 Patch 3 channel. For information about how to download the product from this portal, watch the following video:



<http://www.youtube.com/watch?v=esy4PTVi4wY>

## Upgrading to Access Manager 4.5.3.3 on Linux

You can upgrade to Access Manager 4.5.3.3 by using the proceeding steps. This requires few manual interventions to continue the upgrade process. If you do not require any manual intervention while upgrading to the patch, see [“Silent Patch Upgrade on Linux” on page 3](#).

- 1 Extract the patch file by using the `unzip AM_4533.zip` command.

After extraction, the following files and folders are created in the `AM_4533` folder:

**Table 1** Files and folders created in the AM\_4533 folder after extracting the patch installer ZIP file

File/Folder Name	Description
rpm	Contains rpm files for the patch to run on a Linux server.
installPtool.sh	Script to install the patch and the patch tool on a Linux server.
installPatch.sh	Script to install the patch tool and the updated binaries on a Linux server.

- 2 Log in as the root user.
- 3 (Conditional) To automate the patch installation, perform the steps mentioned in [“Silent Patch Upgrade on Linux” on page 3](#), else continue with [Step 4](#).
- 4 Go to the location where you have extracted the patch files.
- 5 Run the `installPatch.sh` command.  
This command installs the patch and the bundled binaries.

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**NOTE:** To manage the Access Manager patch file, refer to [“Managing the Patch” on page 4](#).

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If the patch is already installed, the installer exits with a message.

## Upgrading to Access Manager 4.5.3.3 on Windows

If you do not require any manual intervention while upgrading to the patch, see [“Silent Patch Upgrade on Windows” on page 4](#).

Perform the following steps to install the patch on Windows manually:

- 1 Extract the files from `AM_4533.zip`.
- 2 Run command prompt as an administrator.
- 3 Run the `installPtool.cmd` command.  
This installs the patch binaries on the Windows system.

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**NOTE:** To manage the Access Manager patch file, refer to [“Managing the Patch” on page 4](#).

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## Silent Patch Upgrade on Linux

Perform the following steps to automate the installation of the patch:

- 1 Go to `/opt/novell/nam/patching/bin/` and add the following in the patch file:

```
-Dcom.netiq.nam.patching.enableautomation=true
```

This updates the patch file as following:

```
/opt/novell/java/bin/java -cp ../lib/*: \  
-Dcom.netiq.nam.patching.enableautomation=true -  
Djava.util.logging.config.file=logging.properties  
com.netiq.nam.patching.PatchInstaller $@
```

2 Run the following command at /opt/novell/nam/patching/bin/:

```
./patch -i /<path where you extracted the patch>/AM_4533/AM_4533-05.patch
```

## Silent Patch Upgrade on Windows

Perform the following steps on the command prompt to automate the installation of the patch:

1 Go to C:\Program Files\Novell\patching\bin and add the following in the patch file:

```
-Dcom.netiq.nam.patching.enableautomation=true
```

This updates the patch file as following:

```
-Dcom.netiq.nam.patching.enableautomation=true -  
Djava.util.logging.config.file=logging.properties  
com.netiq.nam.patching.PatchInstaller $@
```

2 Run the following command at C:\Program Files\Novell\patching\bin:

```
patch.cmd -i /<path where you extracted the patch>/AM_4533/AM_4533-05.patch
```

## Managing the Patch

1. After the patch is installed, go to the following folder:

- ♦ **For Linux:** /opt/novell/nam/patching/bin
- ♦ **For Windows:** C:\Program Files\Novell\patching\bin

2. Use the following options to manage the Access Manager patch file:

Option	Description	Command on Linux server	Command on Windows server
-qa	Lists all installed patches.	patch -qa	patch.cmd -qa
-q	Lists details of an installed patch.	patch -q Example: patch -q P3-05	patch.cmd -q Example: patch.cmd -q P-05
-i	Installs a patch. During installation of a patch, all running services are stopped temporarily. After a patch is installed, all services are restarted and details of the operation are written to log files.	patch -i <location and patch name> Example: patch -i /opt/novell/nam/Patches/AM_4533/AM_4533-05.patch	patch.cmd -i <location and patch name> Example: patch.cmd -i C:/Patches/AM_4533/AM_4533-05.patch

Option	Description	Command on Linux server	Command on Windows server
-e	Removes an installed patch. The patch maintains content relationship among patches. So, if you have installed patch 1 and patch 2, patch 1 cannot be removed without removing patch 2. This is because patch 2 contains details of patch 1 as well.  During the patch process, all the running services are stopped temporarily.	<code>patch -e &lt;patch name&gt;</code>  Example: <code>patch -e HF3-05</code>	<code>patch.cmd -e &lt;patch name&gt;</code>  Example: <code>patch.cmd -e P3-05</code>
-qpl	Lists details of a patch that is not installed. If you want to view the changes that are included in the patch file without installing it on your server, use this option	<code>patch -qpl &lt;location and patch name&gt;</code>  Example: <code>patch -qpl /opt/novell/nam/Patches/AM_4533/AM_4533-05.patch</code>	<code>patch.cmd -qpl &lt;location and patch name&gt;</code>  Example: <code>patch.cmd -qpl C:/Patches/AM_4533/AM_4533-05.patch</code>
-v	Verifies integrity of a patch.	<code>patch -v &lt;location and patch name&gt;</code>  Example: <code>patch -v /opt/novell/nam/Patches/AM_4533/AM_4533-05.patch</code>	<code>patch.cmd -v &lt;location and patch name&gt;</code>  Example: <code>patch.cmd -v C:/Patches/AM_4533/AM_4533-05.patch</code>
-t	Verifies if services can be restored by the installer. Use this option to stop/start all services after the installation of patch.	<code>patch -t &lt;location and patch name&gt;</code>  Example: <code>patch -t /opt/novell/nam/Patches/AM_4533/AM_4533-05.patch</code>	<code>patch.cmd -t &lt;location and patch name&gt;</code>  Example: <code>patch.cmd -t C:/Patches/AM_4533/AM_4533-05.patch</code>

## Verifying Version Numbers After Upgrading to 4.5.3.3

After upgrading to Access Manager 4.5.3.3, verify the version numbers of Administration Console, Identity Server, and Access Gateway. To verify the version numbers, perform the following steps:

- 1 In Administration Console Dashboard, click **Troubleshooting > Version**.
- 2 Verify that the **Version** fields display as follows:

Component	Version
Administration Console	4.5.3.3-05
Identity Server	4.5.3.3-05
Access Gateway	4.5.3.3-05

## Known Issues

There are no known issues at this time.

Micro Focus strives to ensure that our products provide quality solutions for your enterprise software needs. If you need assistance with any issue, visit [Micro Focus Support](#), then select the appropriate product category.

## Contacting Micro Focus

For specific product issues, contact Micro Focus Support at <https://www.microfocus.com/support-and-services/>.

Additional technical information or advice is available from several sources:

- ◆ Product documentation, Knowledge Base articles, and videos: <https://www.microfocus.com/support-and-services/>
- ◆ The Micro Focus Community pages: <https://www.microfocus.com/communities/>

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