

NetIQ Access Manager Patch Release for Log4j Vulnerability

December 2021

This patch release includes a fix for CVE-2021-44228 and CVE-2021-45046 vulnerabilities. This patch is supported for the following versions of the product:

- ◆ Access Manager 4.5 Service Pack 5
- ◆ Access Manager Appliance 4.5 Service Pack 5

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Security Vulnerability Fixes

This release fixes the following Log4J vulnerability issues:

- ◆ CVE-2021-44228 (<https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-44228>)
- ◆ CVE-2021-45046 (<https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-45046>)

Applying the Patch

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

Download the patch file from the [Software License and Download](#) portal.

For information about how to download the product from this portal, watch the following video:



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

Table 1 Files Available for Access Manager Patch Release for the Log4J Vulnerability:

Filename	Description
AM_log4j_Patch_Linux64.tar.gz	Contains the Log4j vulnerability fix for Access Manager (Administration Console, Identity Server, Access Gateway) on Linux and Access Manager Appliance.
AM_log4j_Patch_Windows64.zip	Contains the Log4j vulnerability fix for Access Manager (Administration Console, Identity Server, Access Gateway) on Windows.
AM_log4j_AnalyticsServer_Patch.tar.gz	Contains the Log4j vulnerability fix for Analytics Server.

Installing the Patch

- ◆ [Access Manager on Linux and Access Manager Appliance](#)
- ◆ [Access Manager on Windows](#)
- ◆ [Analytics Server](#)

IMPORTANT:

- ◆ During installation of the patch, all running services are stopped temporarily. After the patch is installed, all services are restarted.
- ◆ After installing this patch, the version number of Access Manager components is not changed.

Access Manager on Linux and Access Manager Appliance

- 1 Extract the patch file by using the `tar xvf AM_log4j_Patch_Linux64.tar.gz` command.
- 2 Go to the location where you have extracted the patch files.
- 3 Run the `install_patch.sh` script in the extracted `AM_log4j_Patch_Linux64` folder as a root or root equivalent user.
- 4 To validate whether the patch is applied successfully, run the following command and check the jar versions are 2.16.0:

```
find / -name log4j-core*.jar
```

Access Manager on Windows

- 1 Unzip the `AM_log4j_Patch_Windows64.zip` file.
The extracted folder `AM_log4j_Patch_Windows64` contains the `install_patch.bat` file.
- 2 Go to the location where you have extracted the patch files.
- 3 Run `install_patch.bat` as an administrator or start a command prompt as an administrator and run the batch file. You must run the batch file inside the extracted `AM_log4j_Patch_Windows64` folder.
- 4 To validate whether the patch is applied successfully, search for the `log4j.jar` in the file explorer and check the version. The version must be 2.16.0.

Analytics Server

- 1 Extract the patch file by using the `tar xvf AM_log4j_AnalyticsServer_Patch.tar.gz` command.

- 2 Go to the location where you have extracted the patch files.
- 3 Run the `ar_install_patch.sh` script in the extracted `AM_log4j_AnalyticsServer_Patch` folder as a root or root equivalent user.
- 4 To validate whether the patch is applied successfully, run the following command:

```
find / -name log4j*.jar | xargs grep org/apache/logging/log4j/core/lookup/JndiLookup.class
```

NOTE: You might see `log4j-core-2.16.0.jar` in `/opt/novell/devman/jcc/lib/`. Ignore that as it is not vulnerable.

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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