

[NEWS] Novell iManager DoS Attack (eMFrame)

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Date: 08/13/02

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To: list@securiteam.com

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Novell iManager DoS Attack (eMFrame)

SUMMARY

The following advisory has been released to information the public that a patch that prevents eMFrame from shutting down prematurely whenever the input of a userid is longer than 256 characters (while a user is authenticating into iManager).

DETAILS

Vulnerable systems:

* eMFrame v 1.2.1 (eMFrame.jar, FwResources.properties files with modification dates previous to 16 July 2002)

Impact:

The maximum length for the attribute DN in eDirectory 8.6 and above is 256 characters. While authenticating into eMFrame, if a DN with more than 256 characters are passed in by the user, eMFrame will terminate.

With the above fixes, when DN is greater than 256 characters, a Denial of Service error is generated an eMFrame does not shut down.

Recommended actions:

To verify whether this patch needs to be applied, perform the following:

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NOTE: The steps below refer to a "webapps" directory that is a relative directory. By default, when TomCat is installed on Netware, the "webapps" directory is located directly underneath the volume SYS: (i.e. SYS:\webapps\eMFrame\WEB-INF\lib\). However, webapps could be located elsewhere, depending on the choices made by the administration on initial installation. With Microsoft Windows NT/Windows 2000, you can go to a command prompt and type "set". This should display a path statement. In the path statement, there should be a directory "TomCat". The "webapps" directory should be located underneath the "TomCat" directory.

1. Go to the following file: ..\webapps\eMFrame\WEB-INF\lib\eMFrame.jar
2. Check the modified date on the file. If it is previous to July 16th, 2002, this patch must be applied.
3. Go to the following file:
.\webapps\eMFrame\WEB-INF\classes\templates\FwResources.properties
4. Check the modified date on the file. If it is previous to July 16th, 2002, this patch must be applied. If the above files are older, apply this patch by copying the eMFrame.jar and FwResources.properties from this file to the server running eMFrame.

Perform the following tasks:

1. Go to the following directory: ..\webapps\eMFrame\WEB-INF\lib\
2. Copy the eMFrame.jar file located in this patch to the above directory listed in step 1.
3. Go to the following directory:
.\webapps\eMFrame\WEB-INF\classes\templates
4. Copy the FwResources.properties file located in this patch to the above directory listed in step 3.

Reference URL:

<<http://support.novell.com/servlet/tidfinder/2963081>>
<http://support.novell.com/servlet/tidfinder/2963081>

ADDITIONAL INFORMATION

The information has been provided by <<mailto:ereed@novell.com>> Ed Reed.

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