Brocade Network Advisor 12.0.4
Release Notes v1.0

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Document History

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Overview

Summary

Brocade Network Advisor 12.0.4 is a maintenance release based on Brocade Network Advisor 12.0.3. All hardware platforms and features supported in Brocade Network Advisor 12.0.3are also supported in Brocade Network Advisor 12.0.4.

Software Feature Overview

1. The default security configuration for Java 7 running on a web browser will change significantly in the January 2014 CPU (Oracle 7u51). Applets or Web Start applications that do not have the "Permission" attribute set in the JAR Manifest files will not work after this change.

   To make Brocade Network Advisor remote client and web start applications compatible to this change, all the JAR Manifest files are updated with the Permissions and Codebase attributes in Brocade Network advisor v12.0.4. There is no functional impact to the product due to this change.

2. Java 7 update 45 adds restrictions on setting properties in Web Start applications. To address those restrictions in Network Advisor, changes have been made in the way properties are passed from the server to the client at client launch. There is no functional impact to the product due to this change.

Important Note

To avoid potential security vulnerabilities, Network Advisor versions 12.0 and later do not support SSL connections using certificates with MD5 signatures. If Network Advisor is configured to use HTTPS instead of HTTP when communicating with SAN switches, and the SAN switch has a certificate installed that is signed with an MD5 algorithm, discovery of the switch fails with the following pop-up message: "Authentication failure during discovery operation: 4002."

The recommended solution is to replace the certificate on the network device with a certificate using the more secure SHA signature. If that is not practical, the Network Advisor server configuration can be changed to accept MD5 signatures. Note that accepting MD5 signatures may result in warnings from network security scanning tools.

To accept MD5 signatures, edit the following text file:

- On 32-bit Windows or Linux: <install-dir>/jre/lib/security/java.security
- On 64-bit Windows or Linux: <install-dir>/jre64/lib/security/java.security

Remove "MD5" from the following line near the end of the file:

```
jdk.tls.disabledAlgorithms=MD5, DES, 3DES, RC2
```

The modified line should appear as:

```
jdk.tls.disabledAlgorithms=DES, 3DES, RC2
```

The change will take effect the next time the Network Advisor server is restarted.

Documentation Updates

The most recent Brocade Network Advisor 12.0.x documentation manuals are available on the MyBrocade website, http://my.brocade.com. Updates to previously released manuals can also be found at this site.