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Attention SNMPWEBCARD users

Starting with version 8 update 71, Java Runtime Environment (JRE) disallows the use of the MD5 hash algorithm in the certification path processing. As a result, the PowerAlert Web Applet won't be able to make a successful connection and will not allow a user to login; the PowerAlert login screen will continuously display "Please wait..."

There are three workarounds for TrippLite SNMPWEBCARD version 65 and above:

1) Download and use the free PowerAlert Console Launcher: <http://www.tripplite.com/products/poweralert>

2) Downgrade JRE. Uninstall version 71 and install version 66 or earlier. Java downloads are available at:

<http://www.oracle.com/technetwork/java/javase/downloads/java-archive-javase8-2177648.html>

3) Enable MD5. Perform the following steps to allow SNMPWEBCARD v65+ to operate with JRE 8 update 71+:

1. Open JAVA_HOME/lib/security/java.security (requires admin privileges)

2. Remove MD5 from the line `jdk.certpath.disabledAlgorithms` and `jdk.tls.disabledAlgorithms`.

a. Use the "#" key to comment out `jdk.certpath.disabledAlgorithms=MD2, MD5, RSA keySize < 1024`
The line should look like this:

`#jdk.certpath.disabledAlgorithms=MD2, MD5, RSA keySize < 1024`

Below the commented out line, add one of the following lines (depending on Update #)

Update 71: `jdk.certpath.disabledAlgorithms=MD2, RSA keySize < 1024`

Update 121: `jdk.certpath.disabledAlgorithms=MD2, RSA keySize < 1024, \ DSA keySize < 1024, EC keySize < 224`

b. Use the "#" key to comment out `jdk.tls.disabledAlgorithms=SSLv3, RC4, MD5withRSA, DH keySize < 768`
The line should look like this:

`#jdk.tls.disabledAlgorithms=SSLv3, RC4, MD5withRSA, DH keySize < 768`

Below the commented out line, add one of the following lines (depending on Update #)

Update 71: `jdk.tls.disabledAlgorithms=SSLv3, RC4, DH keySize < 768`

Update 121: `jdk.tls.disabledAlgorithms=SSLv3, RC4, DH keySize < 768, \ EC keySize < 224`

PLEASE NOTE: These steps will need to be followed every time a Java update is uploaded. If the system has been configured to automatically accept and upload Java updates, periodically check the Java version to determine if the workaround will need to be applied again.



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