

# Unable To Open Video Redirection After Java Update

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## Introduction

This document describes a problem that occurs in order to access the console of the Cisco C800 M4 server models v2, v3 and v4. The Cisco C880 M4 is based on eight Intel® Xeon® E7-88xx series processors with max memory of up to 8TB. The rack server is part of the Cisco SAP HANA hardware portfolio. It provides possible solutions to ensure the video redirection of the console from within the management board Web User Interface (UI) continues to work when you patch Java to the latest version.

## Prerequisites

## Requirements

Cisco recommends that you have knowledge of the Java Version that runs on the client PC, is on release 1.8 update 131 or newer.

## Components Used

The information in this document is based on these software and hardware versions:

- Cisco C880 M4 server (all CPU technologies (IvyBridge - v2, Haswell - v3, Broadwell - v4))
- Java version 8 update 131 and above

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

## Problem

Video redirection function of C880 (Type - 1, 2, 3) cannot be started with a client PC which Java

version 8 update 131 or later.

Cause for the authentication method of MD5-signed JAR file has been changed with Java 8 update 131. Because the video redirection function of the Cisco C880 M4 servers uses MD5 signature, the root cause for this problem is the Java modification introduced with this specific release.

## Solution 1

A firmware update is available which fixes the MD5 signature dependency. Apply the latest available firmware update for a permanent resolution. The [Cisco C880 M4 release notes](#) specify which firmware version is required depending on the v2, v3 or v4 server model.

## Solution 2

If you use the video redirection of the Cisco C880 M4 management board Web UI either do not update to this Java version or if Java 8 update 131 or newer is already installed, follow these steps:

Modify the Java related security file on the client PC (it is not required to reboot the client PC after the file change):

Windows PC (\*)

**C:\Program Files\Java\jre1.8.0\_131\lib\security\java.security**

Linux client (\*)

**/usr/java/jre1.8.0\_131/lib/security/java.security**

(\*) This example is in case of the default installation path and update 131 is used.

Edit line 573 as shown below and remove MD5.

Before:

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

After:

```
jdk.jar.disabledAlgorithms=MD2, RSA keySize < 1024
```

## Related Information

- Cisco Bug ID [CSCve49104](#)
- Java 8 update 131 release note: <http://www.oracle.com/technetwork/java/javase/8u131-relnotes-3565278.html>
- [Technical Support & Documentation - Cisco Systems](#)