# D9485 R-OOB V02.02.04 Release Note

## Introduction

This release note contains information about downloading and installing the latest D9485 V02.02.04 release. It also provides information for hardware/firmware support, limitations, restrictions, and caveats for the D9485 Software.

NOTE:
V02.02.04 is intended to be used only for Remote Out-of-Band (R-OOB) deployments in RPHY and DAA architectures. Legacy D9485 deployments should continue to use V01.02.22.

## Software

The following image will be made available via software.cisco.com:
([https://software.cisco.com/download/home/283943800/type/282854366/release/2.2.4](https://software.cisco.com/download/home/283943800/type/282854366/release/2.2.4))

D9485 V02.02.04: *D9485_REL_4P_2_2_4.bin.signed*

## V02.02.04 Functionality Supported

V02.02.04 is primarily a bug fix release only. Minor improvements were made to include additional information in log message and subsystem menus.

## D9485 Upgrade Instructions

Steps to upgrade to release V02.02.04:

- Place the new image file, D9485_REL_4P_2_2_4.bin.signed, into the directory you are presently using for tftp. Ensure the permissions match current image file.
- On the EC, make a copy of the current .xml configuration file, and rename the new .xml configuration file to reflect that it is for the new D9485 image. (For example, if your current .xml config file is named "d9485_223.xml", make a copy and rename the copy to "d9485_224.xml".) Ensure permissions match the original .xml file.
- Edit the new .xml configuration file to indicate the new D9485 image file name (as indicated below):

```
<System_Upgrade view="lateboot">
     <TFTP_Server_or_HTTP_Address>172.30.1.1</TFTP_Server_or_HTTP_Address>
     <Upgrade_File>D9485_REL_4P_2_2_4.bin.signed</Upgrade_File>
   <Target_Firmware>ROOB</Target_Firmware>
```

- In the EC UI, update the "Configuration File Name" for the D9485 to the newly edited .xml configuration file.

- Save the D9485's screen at the EC and confirm the changes. After confirmation, select the D9485 and reset.
- After the D9485 downloads and resets, confirm the "System Release" is 2_2_4:

```
** Status -> System Information **

0 Back
      |-------------------|
      | System Type | ROOB |
      |------------|------|

      |-- System Versions -------------------|
      | Component              | Version      |
      |------------------------|------------|
      | Product ID             | D9485-2AC   |
      | Version ID             | V01          |
      | Serial Number          | WAV15471052 |
      | System Release         | 2_2_4        |
      | System Release (Backup) | 2_2_3       |
      |------------------------|------------|

      |-- System Properties -------|
      | Uptime                      |
      |---------------------------|
      | 0 days, 0 hours, 3 minutes |
      |---------------------------|
(s)ort    (f)ilter
```

## V02.02.04 Resolved

| Bug ID | Headline |
|--------|----------|
| CSCvr04047 | D9485 R-OOB: socket resource leak<br><br>Symptom:<br>RPD sign-on limited prior to 256. D9485 allow initial GCP connection from RPD, but will immediately close the connection.<br><br>Conditions:<br>Dynamic GCP events (ie, mass RPD sign-on).<br><br>Workaround:<br>Reload D9485 with wipe database option. |
| CSCvr04058 | D9485 R-OOB: tcp socket mishandling<br><br>Symptom:<br>L2TP delete is sent from controller to RPD unexpectedly.<br><br>Conditions:<br>The trigger for this condition is mass sign-on. |

| | Workaround:<br>Blackhole RPD route. |
|---|---|
| CSCvr54006 | D9485 R-OOB: logging causes high CPU<br><br>Symptom:<br>High CPU, possible DS forwarding issues, debug dump will not complete.<br><br>Conditions:<br>Issue observed occasionally during high RPD scale.<br><br>Workaround:<br>Disable Automatic Debug Dumping. |

## V02.02.04 Open Caveats

None.