

# Release-specific Caveats and Workarounds

This section lists the caveats and workarounds when setting up or upgrading the software for each Cisco IOS XR release.


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# Caveats and Workarounds

### Release 7.4.1

There are no caveats for system upgrade to Cisco IOS XR Release 7.4.1.

### Release 7.4.2

**CSCvp19524:** When downgrading from Cisco IOS XR Release 7.4.2 to any release lower than Cisco IOS XR Release 7.0.1, it is necessary to remove AAA user configurations from SYSADMIN/XR VMs before proceeding with the downgrade.

### Release 7.5.1

**CSCvp19524:** When downgrading from Cisco IOS XR Release 7.5.1 to any release lower than Cisco IOS XR Release 7.0.1, it is necessary to remove AAA user configurations from SYSADMIN/XR VMs before proceeding with the downgrade.

### Release 7.5.2

**CSCvp19524:** When downgrading from Cisco IOS XR Release 7.5.2 to any release lower than Cisco IOS XR Release 7.0.1, it is necessary to remove AAA user configurations from SYSADMIN/XR VMs before proceeding with the downgrade.

### Release 7.6.2

**CSCvp19524:** When downgrading from Cisco IOS XR Release 7.6.2 to any release lower than Cisco IOS XR Release 7.0.1, it is necessary to remove AAA user configurations from SYSADMIN/XR VMs before proceeding with the downgrade.

### Release 7.7.2

**CSCvp19524:** When downgrading from Cisco IOS XR Release 7.7.2 to any release lower than Cisco IOS XR Release 7.0.1, it is necessary to remove AAA user configurations from SYSADMIN/XR VMs before proceeding with the downgrade.

### Release 7.8.1

**CSCvp19524:** When downgrading from Cisco IOS XR Release 7.8.1 to any release lower than Cisco IOS XR Release 7.0.1, it is necessary to remove AAA user configurations from SYSADMIN/XR VMs before proceeding with the downgrade.

### Release 7.8.2

**CSCvp19524:** When downgrading from Cisco IOS XR Release 7.8.2 to any release lower than Cisco IOS XR Release 7.0.1, it is necessary to remove AAA user configurations from SYSADMIN/XR VMs before proceeding with the downgrade.

### Release 7.9.1

**CSCvp19524:** When downgrading from Cisco IOS XR Release 7.9.1 to any release lower than Cisco IOS XR Release 7.0.1, it's necessary to remove AAA user configurations from SYSADMIN/XR VMs before proceeding with the downgrade.

1. **CSCwd30936:** When downgrading from Cisco IOS XR Release 7.9.1 to an older release, the "ema_server_sdr" process may crash.

### Release 7.9.2

1. **CSCvp19524:** When downgrading from Cisco IOS XR Release 7.9.2 to any release lower than Cisco IOS XR Release 7.0.1, it is necessary to remove AAA user configurations from SYSADMIN/XR VMs before proceeding with the downgrade.
2. **CSCwd30936:** When downgrading from Cisco IOS XR Release 7.9.2 to an older release, the "ema_server_sdr" process may crash.

### Release 7.10.1

1. **CSCvp19524:** When downgrading from Cisco IOS XR release 7.10.1 to any release lower than Cisco IOS XR Release 7.0.1, it is necessary to remove AAA user configurations from SYSADMIN/XR VMs before proceeding with the downgrade.
2. **CSCwd30936:** When downgrading from Cisco IOS XR Release 7.10.1 to an older release, the "ema_server_sdr" process may crash.
3. **SR695094155:** When upgrading the software version of an ASR 9000 router with an mLACP/ICCP Redundancy Model setup, ensure that both the active and standby nodes are upgraded to the same IOS XR version.

### Release 24.1.1

*Table 1: Upgrade Caveats for Cisco IOS XR Release 24.1.1 and Later*

| To Upgrade From Cisco IOS XR Release... | To Cisco IOS XR Release... | Bridge SMU Required | Caveats |
|---|---|---|---|
| Release 7.11.1 | Release 24.1.1 | CSCwi95358, CSCwh61644 | A* |
| Release 7.10.2 | Release 24.1.1 | | |
| Release 7.10.1 | Release 24.1.1 | | |
| Release 7.9.2.1 | Release 24.1.1 | | |
| Release 7.9.2 | Release 24.1.1 | | |
| Release 7.8.2 | Release 24.1.1 | | |
| Release 7.7.2 | Release 24.1.1 | | |
| Release 7.6.2 | Release 24.1.1 | | |
| Release 7.5.2 | Release 24.1.1 | | |
| Release 7.4.2 | Release 24.1.1 | | |
| Release 7.3.2 | Release 24.1.1 | | |

A*: Ensure that bridge SMUs (CSCwi95358, CSCwh61644) are installed before system upgrade.

**Note** **CSCwi95358:**

- This is a hitless SMU in Cisco IOS XR Release 7.4.1. Installing the SMU does not impact traffic and services. Do not reload the system when this SMU is installed.
- This is a reload SMU in Cisco IOS XR Release 7.3.2, which reloads the system when installed.

**CSCwh61644**—When installed following a software upgrade, both the Line Card (LC) and the Route Processor (RP) become active and function properly.

*Table 2: Downgrade Caveats for Cisco IOS XR Release 24.1.1 and Earlier*

| From | To | Revisions to Include | Caveats |
|---|---|---|---|
| Release 24.1.1 | Release 7.11.1 | CSCwi95358 | A* |
| Release 24.1.1 | Release 7.10.2 | | |

| From | To | Revisions to Include | Caveats |
|---|---|---|---|
| Release 24.1.1 | Release 7.10.1 | CSCwi95358, CSCwh61644 | A*, B* |
| Release 24.1.1 | Release 7.9.2.1 | | |
| Release 24.1.1 | Release 7.9.2 | | |
| Release 24.1.1 | Release 7.8.2 | | |
| Release 24.1.1 | Release 7.7.2 | | |
| Release 24.1.1 | Release 7.6.2 | | |
| Release 24.1.1 | Release 7.5.2 | | |
| Release 24.1.1 | Release 7.4.2 | CSCwi95358, CSCwh61644 | A*, B*, C* |
| Release 24.1.1 | Release 7.3.2 | | |

A*: Ensure that the additional enhancement (CSCwi95358) is included.

B*: Ensure that the additional enhancement (CSCwh61644) is included.

**Note** **CSCwi95358:**

- This is a hitless SMU in Cisco IOS XR Release 7.4.1. Installing the SMU does not impact traffic and services. Do not reload the system when this SMU is installed.
- This is a reload SMU in Cisco IOS XR Release 7.3.4, which reloads the system when installed.

**CSCwh61644**—When installed following a software upgrade, both the Line Card (LC) and the Route Processor (RP) become active and function properly.