**SBC 5x00 3.1.6Rx Upgrade**

**Table of Contents**

- Introduction
- References
- Target Software/Firmware Versions
- Associated Sonus Bulletins
- Upgrade Procedures

ℹ️ This MOP is intended as a general guide when performing an upgrade. Please see the Software Installation and Upgrade Guide for specific details.

**Introduction**

This Method Of Procedure (MOP) describes a two-step process to upgrade the SBC 5x00 platform from version 2.0.8-R0 to 3.1.6-Rx.

The 2.0.x to 3.1.x upgrade sequence involves a two-stage process as shown below. This MOP describes upgrading from 2.0.8R0 to 03.01.06Rx using this 2-stage method.

⚠️ When upgrading from a 3.0.3+ release to 3.1.x, only one stage (Stage 2) is necessary.

⚠️ Before attempting this upgrade, refer to the supported upgrade paths documented in the associated SBC 5000 Series 3.1.x Release Notes.

**3.1.6Rx Stage 1 - Upgrade to 3.0.5R0**

⚠️ This MOP was tested against release 3.0.5R0. This MOP may also work with other 3.0.5Rx and F releases, but these versions have not been verified as part of this MOP.

1. Upgrade the BMC on node B (1.14.0-R0 -> 2.1.7-R0)
2. Upgrade the BIOS on node B (1.6.3-R0 -> 2.0.0-R0)
3. Upgrade the OS on node B (1.7.5-R0 -> 1.8.6-R0)
4. Switchover/Failover from node A to node B
5. Upgrade the BMC on the node A (1.14.0-R0 -> 2.1.7-R0)
6. Upgrade the BIOS on node A (1.6.3-R0 -> 2.0.0-R0)
7. Upgrade the OS on the node A (1.7.5-R0 -> 1.8.6-R0)
8. Upgrade SBC 5x00 Application Software using LSWU

**3.1.6Rx Stage 2 - Upgrade to 3.1.6Rx**

1. Upgrade the BMC on node B (2.1.7-R0 -> 2.5.0-R0)
2. Upgrade the OS on the node B (1.8.6-R0 -> 2.0.1-R15)
3. Switchover/Failover from node A to node B
4. Upgrade the BMC on node A (2.1.7-R0 -> 2.5.0-R0)
5. Upgrade the OS on node A (1.8.6-R0 -> 2.0.1-R15)
6. Upgrade SBC 5000 Series Application Software using LSWU
Beginning with release 3.1.4, manually upgrading the BIOS is no longer required. The OS automatically upgrades the BIOS, and only if necessary.

In this MOP, the HA nodes are designated as:

- Initial active server = node A
- Initial standby server = node B

References

SBC 5x00 upgrade to release 3.0.5-R0:

- 550-05948 SBC 5x00 3.0.5R0 Patch Release Notes (located in Software Downloads directory on Global Support Portal)
- 550-05645 SBC 5x00 3.0.1 Software Installation and Upgrade Guide

SBC 5000 Series upgrade to release 3.1.6-Rx:

- 550 0xxxx SBC 5000 Series 3.1.6Rx Patch Release Notes (located in Software Downloads directory on Global Support Portal)
- 550-05819 SBC 5000 Series 3.1.1 Software Installation and Upgrade Guide

Target Software/Firmware Versions

The target software/firmware versions listed are based on the following release notes. Sonus recommends downloading the software to the PC or server prior to the upgrade to save time.

550-05948 SBC 5x00 03.00.05R000 Patch Release Notes:

- BMC: V02.01.07-R000
- BIOS: V02.00.00-R000
- ConnexIP OS: V01.08.06-R000
- Application: V03.00.05-R000

550-06084 SBC 5000 Series 03.01.06R0 Patch Release Notes:

- BMC: V02.05.00-R000
- BIOS: V02.03.00-R000
- ConnexIP OS: V02.00.01-R015
- Application: V03.01.06-Rx

Associated Sonus Bulletins

The following Sonus WBAs may apply during this upgrade:

- Bulletin-13-00019072: Securelink configuration after OS upgrade
- Warning-13-00019101: After OS upgrade from 1.8 to 2.0, platform manager password becomes invalid.
- Warning-13-00019539: LSWU to SBC V03.01.xxRxxx may fail if blacklist is not empty
- Warning-13-00019559: During SBC UPGRADE/LSWU a Daughter Board Status query via CLI/EMA/EMS/third Party SNMP tool could result in UPGRADE failure
- Warning-14-00019941: SBC 5x00 Out Of Memory Failure Caused By Interval Statistics leak
- Warning-14-00019986: Procedure to resolve possible disk issues in DRBD

To view/download WBAs, login to the Sonus Customer Portal and navigate to the Solutions page.

Upgrade Procedures
Click a link to go directly to the procedure:

- 3.1.6Rx Stage 1 - Upgrade to 3.0.5R0
- 3.1.6Rx Stage 2 - Upgrade to 3.1.6Rx