

Sonus SBC Portfolio Documentation

Getting Started

Sonus SBC Portfolio architecture, product specifications, and how to get started quickly.

- About Sonus SBC Portfolio
- Understanding a Session Border Controller
- Sonus SBC Portfolio Architecture
- SBC Portfolio Key Features and Functional Differences
- Routing and Policy Management
- Supported Standards
- Interoperability - IOT
- SBC Module Descriptions
- First Steps

Installing and Commissioning the SBC

Comprehensive guide to installing and commissioning the Sonus SBC Portfolio:

- Installing SBC 5000 Series Hardware
- Installing SBC 7000 Series Hardware
- Installing SBC 5000 and 7000 Series Software
- Installing SBC SWe Software

Upgrading SBC Software

Comprehensive guide to upgrading Sonus SBC Portfolio software and firmware.

- Upgrade Flows
- Verifying the Existing Software Version of Sonus SBC Portfolio
- Validating MD5Sum with 'Checksums Calculator'
- Saving the SBC Configuration
- Upgrading Firmware
- Upgrading SBC Portfolio Application Software
- Reloading the SBC Portfolio Configuration
- Downgrading SBC Portfolio Application
- Upgrading the ePSX

Configuring Sonus SBC Portfolio

Provisioning examples and workflows to help configure the Sonus SBC Portfolio.

Operations and Troubleshooting

Operational details such as how to use the EMA GUI and Command Line Interface to configure the platform. Troubleshooting details such as alarms, traps and using the SSReq tool to simulate provisioning requests.

- EMA User Guide
- CLI Command Reference
- Alarms and Traps Guide
- SBC SWe Troubleshooting
- Using the SSReq Tool

Administration and Maintenance

Guidance with administration and maintenance activities, such as using the Platform Manager and managing billing records.

- Using the Platform Manager
- Managing Billing Records
- How to Change SBC 5000/7000 Mgmt IP Address After Installation
- Routine Maintenance Guide
- Resource Monitoring and Statistics

SBC Features Guide

Describes key Sonus SBC Portfolio features to help you design and deploy your SBC in your network.

- Accounting and Billing
- Call Routing and Services
- Congestion Control
- ENUM Translation
- Gateway Signaling
- H.323 Signaling and SIP Interworking
- IP Multimedia Subsystem (IMS)
- IP Trunk Group Authentication
- Media Services
- Redundancy and Failure Recovery
- SBC Using Microsoft Lync Server
- Session Initiation Protocol (SIP)
- SIP Message Manipulation
- Supported Features

References

- Best Practices
- SBC Network Deployment Scenarios
- MIB Reference
- Customer Replaceable Units
- Enabling SBC for FIPS 140-2 Compliance

SBC Releases

Sonus SBC Portfolio release information.

- Changing Node Name
- Changing the Time Zone
- Configuring SBC for IMS
- Configuring SBC for RADIUS Authentication
- Configuring SBC for SNMP
- Configuring SBC Objects
- Configuring SBC to Use External PSX
- Configuring SBC to use SIP in the Sonus IP Core
- Configuring Video Best Practices
- Creating a SIP Adaptor Profile
- How to Access the SBC
- How to Set up a Basic Call Flow
- Installing and Managing SBC Licenses
- Managing Certificates
- Managing Users and Groups
- SBC Deployment Guidelines

- Production Releases
- CLI and MIB Changes
- Errata Reports

FAQs

Solutions to frequently asked questions about the Sonus SBC Portfolio.

- General SBC FAQs
- ePSX FAQs

Sonus Product Interoperability Testing

SBC 5100 / SBC 5200 / SBC SWe - Product IOT