

Sonus SBC Core Documentation

i The documentation wiki contains both publicly available and restricted content. Restricted materials are reserved for Sonus Customers and Partners with a Sonus Salesforce account.

If you do not have an account, please register as a Sonus Customer or Channel Partner.



PLEASE Log In TO HAVE ACCESS ALL PRODUCT DOCUMENTATION!

Getting Started

SBC Core architecture, key features, product specifications, supported headers and standards, routing and policy management, and how to get started quickly.

- [About SBC Documentation](#)
- [About SBC Core](#)
- [SBC Core Architecture](#)
- [Key Features and Functional Differences](#)
- [Supported SIP Headers](#)
- [Supported Standards](#)
- [Routing and Policy Management](#)
- [SBC Module Descriptions](#)
- [Interoperability - IOT](#)
- [How to Access the SBC](#)
- [First Steps](#)
- [Copyright and Trademarks](#)

Operations and Troubleshooting

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

- [EMA User Guide](#)
- [CLI Reference Guide](#)
- [Alarms and Traps Guide](#)
- [MIB Reference](#)
- [Using the SSReq Tool](#)
- [Service-Impacting Configuration Attributes](#)
- [SBC SWE Troubleshooting](#)
- [SBC Troubleshooting Tools](#)
- [SBC Core REST API](#)

Installing and Commissioning the SBC

Comprehensive guide to installing and commissioning the SBC Core:

- [Installing SBC 5000 Series Hardware](#)
- [Installing SBC 5400 Hardware](#)
- [Installing SBC 7000 Series Hardware](#)
- [Installing SBC 5000 and 7000 Series Software](#)
- [Installing SBC 5400 Software](#)
- [Installing SBC SWE on Virtual Platforms](#)
- [Upgrading SBC Software](#)

Administration and Maintenance

Guidance with administration and maintenance activities, such as managing billing records, routine maintenance and resource monitoring.

- [Managing Billing Records](#)
- [How to Change SBC 5000 or 7000 Mgmt IP Address After Installation](#)
- [Routine Maintenance Guide](#)
- [Resource Monitoring and Statistics](#)
- [Setting Up Logical Connection between High Availability Nodes](#)

SBC Features Guide

Upgrading SBC Software

Comprehensive guide to upgrading SBC Core software and firmware.

- Upgrade Flows
- Verifying the Existing Software Version of SBC
- Validating MD5Sum with 'Checksums Calculator'
- Saving the SBC Configuration
- Upgrading Firmware
- Upgrading SBC Application
- Reverting SBC Application
- Restoring the SBC Configuration
- Downgrading SBC Core Application

Best Practices

Provisioning examples, use cases and workflows to help manage and configure the SBC Core.

- Enabling SBC Core Geographical Redundancy HA Mode
- Managing Certificates
- Managing DSPs
- Managing SBC Licenses
- SBC Network Deployment Scenarios
- SBC SIP Transparency Implementation Guide
- SBC SWe Deployment Scenarios
- Configuring Test Calls and IP Trunk Group Blocking

Sonus Product Interoperability Testing

SBC 5100 / SBC 5200 / SBC SWe - Product IOT

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

- AMR and RTCP Enhancements
- Call Routing and Services
- Congestion Control
- ENUM Support
- Flexible Policy and Routing Support
- Gateway Signaling
- H.323 Services
- IP Multimedia Subsystem (IMS)
- Media Services
- SBC for WRTC
- SBC Redundancy
- SBC Support of GETS and WPS
- SBC Using Microsoft Lync Server
- Security
- SIP Services
- Supported Features

Additional Documentation

- Customer Replaceable Units
- Enabling SBC for FIPS 140-2 Compliance
- Sonus Product Compatibilities
- How to Search in Wiki

SBC Releases

SBC Core release information.

- CLI and MIB Changes
 - CLI Changes in This Release
 - MIB Changes in This Release

FAQs and Tips

Tips and solutions to frequently asked questions about the SBC Core.

- SBC Core Tips
- Frequently Asked Questions