


# Sonus SBC Core Documentation

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## 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](#)
- [SBC Provisioning Limits](#)
- [Supported SIP Headers](#)
- [Supported Standards](#)
- [Routing and Policy Management](#)
- [Interoperability - IOT](#)
- [SBC Module Descriptions](#)
- [How to Access the SBC](#)
- [First Steps](#)

## 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

Comprehensive guide to upgrading SBC Core software and firmware.

## 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 Command Reference](#)
- [Alarms and Traps Guide](#)
- [Using the SSReq Tool](#)
- [Service-Impacting Configuration Attributes](#)
- [SBC SWe Troubleshooting](#)
- [SBC Troubleshooting Tools](#)
- [SBC Core REST API](#)

## 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](#)

## SBC Features Guide

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

- 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
- Upgrading the ePSX

- 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

## 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 SIP Transparency Implementation Guide
- SBC Network Deployment Scenarios
- SBC SWe Deployment Scenarios
- Handling ENUM Queries

## Additional Documentation

- MIB Reference
- Customer Replaceable Units
- Enabling SBC for FIPS 140-2 Compliance
- Setting Up Logical Connection between High Availability Nodes
- Sonus Product Compatibilities
- How to Search in Wiki

## Sonus Product Interoperability Testing

SBC 5100 / SBC 5200 / SBC SWe - Product IOT

## SBC Releases

SBC Core release information.

- CLI and MIB Changes
  - CLI Changes in This Release
  - MIB Changes in This Release
- Documentation Change Reports
  - SBC 5.1.5 Documentation Report
  - SBC 5.1.4 Documentation Report
  - SBC 5.1.3 Documentation Report
  - SBC 5.1.2 Documentation Report
  - SBC 5.1.1 Documentation Report

## FAQs and Tips

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

- SBC Core Tips
- General SBC FAQs
- ePSX FAQs