

# SBC Core Documentation

**i** The documentation wiki contains both publicly available and restricted content. Restricted materials are reserved for Ribbon Customers and Partners with Ribbon Support Portal access.

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



**PLEASE Log In TO HAVE ACCESS TO 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.

- [First Steps](#)
- [About SBC Documentation](#)
- [About the SBC Core Family](#)
- [Feature Availability by Platform](#)
- [Supported SIP Headers](#)
- [Supported Standards](#)
- [SBC Module Descriptions](#)
- [Interoperability - IOT](#)
- [Copyright and Trademarks](#)
- [How to Access the SBC](#)

## SBC Core Hardware Installation Guides

Comprehensive guides to installing and commissioning the SBC Core platform:

- [Installing SBC 5000 Series Hardware](#)
- [Installing SBC 5400 Hardware](#)
- [Installing SBC 7000 Series Hardware](#)

## SBC Core Software Installation and Upgrade Guide

Comprehensive guide to installing and upgrading the SBC Core software:

## Best Practices

Use cases and workflows to help manage the SBC Core.

- [Enabling Geographical Redundancy HA Mode](#)
- [Managing Certificates](#)
- [Managing SBC Licenses](#)
- [SBC SIP Transparency Implementation Guide](#)
- [SBC Network Deployment Scenarios](#)
- [SBC SWe Deployment Scenarios](#)
- [SBC SWe Cloud Best Practices](#)

## 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](#)
- [SBC Core Alarms Guide](#)
- [MIB Reference](#)
- [SBC Core Troubleshooting Guide](#)
- [SBC Core REST API](#)

## Administration and Maintenance

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

- Installing SBC 5000 and 7000 Series Software
- Installing SBC 5400 Software
- Installing SBC SWe on Virtual Platforms
- Upgrading SBC Software
- Upgrading SBC SWe Instances in an OpenStack Cloud Environment

## Configuring the SBC Core

Provisioning examples and workflows to help configure the SBC Core.

- Alert-Info and P-Early Media Headers Interworking
- Changing System Settings
- Configuring a Transparency Profile
- Configuring Call Forking Feature in the SBC
- Configuring Compressed Tone Files
- Configuring Emergency Call Handling for Roaming Users in S8HR Model
- Configuring HPC/GETS Feature
- Configuring LMSD Interworking Without Tones
- Configuring Routers for GARP
- Configuring SBC for IPsec IKEv1
- Configuring SBC for RADIUS Authentication
- Configuring SBC Objects
- Configuring the SBC for ENUM Queries
- Configuring Various Features on SBC
- How to Collect CPC Parameter Value From SIP URI of P-Asserted-Identity or MIME Body
- How to Forward Re-INVITE Messages
- How to Set up a Basic Call Flow
- Working with Access Control Lists
- Configuring Direct Media between Endpoints
- Configuring STIR/SHAKEN Support
- Configuring Rsyslog Profile
- Creating Custom Groups and Rules
- Creating Custom Groups and Rules.

- SBC Core Billing Guide
- How to Change SBC 5000 or 7000 Mgmt IP Address After Installation
- Routine Maintenance Guide
- Resource Monitoring and Statistics
- Pushing Audit Records to Remote Server Using rsyslog.conf File
- Service-Impacting Configuration Attributes
- Setting Up Logical Connection Between High Availability Nodes
- Supported Log Types
- Establishing Password-less Connection between the SBC and the Remote Server
- SbcSftp - Secure File Transfers with Automated ACL Creation and Deletion

## Features Guides

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

- SBC Core Features Guide
- SBC SWe Cloud Features Guide

## Additional Documentation

- Ribbon Product Compatibilities
- How to Search in Wiki

## FAQs and Tips

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

- SBC Core Tips
- Frequently Asked Questions

## Configuring the SBC SWe on Cloud

Provisioning examples and workflows to help configure the SBC Software Edition.

- SBC SWe Configuration Management
- SBC SWe Cloud Configuration Procedures

## Sonus Product Interoperability Testing

SBC 5100 / SBC 5200 / SBC SWe - Product IOT

## SBC Releases

SBC Core release information.

## SBC Open Source Licenses

Link to page with live link to PDF.

SBC Core Open Source Licenses PDF

