

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 SBC Core](#)
- [SBC Core Key Features](#)
- [SBC Core Functional Differences](#)
- [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:

- [Installing SBC 5000 and 7000 Series Software](#)
- [Installing SBC 5400 Software](#)
- [Installing SBC SWe on Virtual Platforms](#)
- [Upgrading SBC Software](#)
- [Upgrading SBC SWe Cloud Instances](#)

Configuring the SBC Core

Provisioning examples and workflows to help configure the SBC Core.

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](#)
- [Alarms Guide](#)
- [MIB Reference](#)
- [SBC Core Troubleshooting Guide](#)
- [Customer Replaceable Units](#)
- [Configuring Test Calls and IP Trunk Group Blocking](#)
- [SBC Core REST API](#)

Administration and Maintenance

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

- 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 HPC/GETS Feature
- 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
- Enabling SBC for FIPS 140-2 Compliance
- 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 a Direct Media between Endpoints

- 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

Configuring the SBC SWe on Cloud

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

- Configuring an SBC SWe Cluster using the EMS
- Configuring PSX FQDN as Remote Policy Server
- Configuring Distributed SBC for Lawful Interception
- Configuring LMSD Interworking Without Tones
- Activating Callmix Profile on SBC SWe
- Configuring SBC SWe Cloud for GPU Transcoding

Sonus Product Interoperability Testing

SBC 5100 / SBC 5200 / SBC SWe - Product IOT

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

- Sonus 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

SBC Releases

SBC Core release information.

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