


# Sonus SBC Core Documentation

 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.

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

## SBC Core Features Guide

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 Core Redundancy](#)
- [SBC for WRTC](#)
- [SBC Support of GETS and WPS](#)
- [SBC Using Microsoft Lync Server](#)
- [Security](#)
- [SIP Services](#)
- [Supported Features](#)

## 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](#)

## SBC SWe Cloud Features Guide

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

## Configuring the SBC Core

Provisioning examples and workflows to help configure the SBC Core.

- Changing System Settings
- Configuring a Transparency Profile
- 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
- 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 the SBC SWe on Cloud

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

- Partial Configuration
- Creating and Activating Cluster Configuration
- Configuring PSX FQDN as Remote Policy Server
- Configuring Distributed SBC for Lawful Interception
- Configuring LMSD Interworking Without Tones
- Activating Callmix Profile on SBC SWe

## Best Practices

Use cases and workflows to help manage 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
- Configuring Test Calls and IP Trunk Group Blocking
- Best Practices for SBC SWe Cloud

## 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
- SBC Core REST API

- Playing Tones as Announcements
- Alternate IP Addresses for Communication with the PSX
- Cloud Diagnostic Tool
- Config Drive
- Configuration Management
- D-SBC with Third Party MRF as Transcoder
- Intra-Cluster VNFC Communication Through Packet Ports
- Lawful Intercept Support on SBC SWe Cloud
- Licensing
- LMSD Interworking without Tones
- Load Balancing Service
- N:1 Redundancy
- SBC SWe Cloud Port Redundancy
- Support Intra-Cluster VNFC Communication Through Packet Ports by Assigning an IP Interface Group
- Support Playing Compressed Tone Files
- Wireless Codecs Modemset Parameter as Additional Billing Fields

## 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

## Sonus Product Interoperability Testing

SBC 5100 / SBC 5200 / SBC SWe - Product IOT

## FAQs and Tips

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

- SBC Core Tips
- Frequently Asked Questions

## Administration and Maintenance

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

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