Sonus SBC Edge Documentation

This 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 Access All Product Documentation.

Getting Started

SBC 1000/2000 architecture, key features, product specifications, supported headers and standards, routing and policy management, and how to get started quickly.

- First Steps - Run Initial Setup and Install Latest Software/Security Patches
- Getting to Know the Sonus SBC Edge
- Functional Differences Between SBC Edge and SBC SWe Lite
- Sonus SBC Edge Download Center
- SBC Edge Solution Base
- Terms and Conditions
- Copyright and Trademarks
- Contacting Sonus

Installation and Upgrade Guides

The Sonus SBC Edge installation guides are for people who are installing/upgrading SBC 1000/2000 or SBC SWe Lite.

Best Practices

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

- Working with the ASM and SBA
- Configuring SBC Edge for DNS Load Balancing
- Deploying an F5 Load Balancer in a PBX-SBC-Lync Topology
- Configuring the SBC 1000 for FXS Calling
- Downstream Deployment of SBC Edge in a PBX-SBC-eUM Topology
- Changing SIP Transport from MTLS - SRTP to TCP - RTP
- Call Forking Based on Active Directory User Attributes
- Call Routing Based on Active Directory User Attributes
- Configuring a Nortel PBX v4.5 to connect via TDM to the SBC Edge
- Configuring SBC Edge with Exchange 2013
- Configuring TDM ports on SBC Edge
- Configuring the Avaya S8300/8400/8500/8700 v.3.1.x to connect via TDM to SBC Edge
- Configuring the Mitel 3300 ICP v9.0.0.41 to connect via TDM to SBC Edge
- Configuring the QoE Feature
- How to Enable and Provide Log Files From SBC and SBA
- SBC Edge Security Hardening Checklist
- SIP Trunking Between SIP Border Elements
- SIP Trunking with Multiple IP Support

Just Getting Started?

Go to the First Steps - Run Initial Setup and Install Latest Software/Security Patches page for important information regarding upgrades and the latest security fixes.

Do this first!
**SBC 1000/2000 Installation Guide**

- SBC 1000 / SBC 2000 Requirements
- Installing SBC Edge Hardware
- Running Initial Setup
- Upgrading or Downgrading SBC 1000/2000
- Supported Platforms

**SBC SWe Lite Installation Guide**

- SBC SWe Lite Hardware and Software Requirements
- Downloading the SBC SWe Lite Package
- Installing SBC SWe Lite
- SBC SWe Lite Initial Setup
- Obtaining and Installing a SWe Lite Trial License
- Obtaining and Installing a SWe Lite License
- Upgrading SBC SWe Lite

**User’s Guide**

The Sonus SBC Edge User's Guide is for system administrators, developers, testers - anyone who uses SBC Edge. If you are new to SBC Edge, start by exploring the User Interface. You may also find the Sonus SBC 1000/2000 Solution Base, SBC Edge Administration FAQ and Best Practices articles useful.

- Troubleshooting SBC Edge
- Checking your System Information
- Configuring Your System

The Log Exchange - LX debugging tool is available at Log Exchange Documentation.

**Developer Resources**

These resources are for software developers who want to integrate, control, and maintain the SBC Edge through the REST Web Service. Take a look at the Sonus SBC Edge API User's Guide and the API Reference Documentation.

- Sonus SBC Edge API - Requirements
- Sonus SBC Edge API - Resource Design
- Sonus SBC Edge API - Authentication
- Sonus SBC Edge API - REST Samples
- Sonus SBC Edge API - Deployment Workflow

**Administration FAQs**

- Configuring SBC Edge for Standard and Mutual TLS Authentication
- Translating SIP Responses in SIP-SIP Calls Using the Pass-thru Peer SIP Response Code
- Configuring SBC Edge for Calling Party Category II-8 based Collect Call Blocking
- Use of Calling Extension in Transformation Table for ext-xxxx Input Value
- Changing SIP Transport Protocol from TCP to TLS in a PBX-SBC-eUM Topology
- Configuring SBC Edge with ITSP that Requires Digest Authentication with 401 Unauthorized Challenge
- SIP Message Manipulation Document Catalog
- Action Set Documents
- SBC for Dummies Series
- Configuring the RBA 3G4G Feature
- SIP Registration
- Deploying the Sonus SBC Edge
- Configuring SBC Edge with ISDN IDA-P Switch Variant
- Configuring SBC Edge for Broadsoft Compatibility
- Configuring SBC Edge for Multiple Media Streams
- Working with SIP Signaling Groups and NAT
- Packet Capture - Best Practice
- Configuring Calls to Emergency Services on PSTN Lines
- Configuring the SBC Edge for NAT Traversal
- Configure SBC Edge Auto Configuration for BroadWorks
- Configure SBC Edge with Tenor AF/AX for Fax
- How Sonus SBC Edge Transfers an RTP Stream Through Proxy Mode
- Using Lync Setup for E911 Configuration
- How Incoming Calls are Handled When the Server is Unreachable
- The SBC Edge Acts as an ICE Agent
- Configuring SBC Edge for One Number Fax in MS Exchange Environment
- Configuring the SBC Edge for On-Premise PBX Integration With Skype for Business
- Create an Office 365 Tenant
- Verifying Downloads With Checksum
- Powering Off and Deleting a SWe Lite instance
- Configuring SBC Edge for Music On Hold
- How Sonus SBC Edge transfers RTP stream though Proxy Mode
- Translating SIP Responses in SIP-SIP Calls Using ‘Pass-thru Peer SIP Response Code’
- Deploying the Survivable Branch Appliance

**API User Guide**
• How do I find a logged in user's IP address?
• What user authentication methods does the SBC Edge support?
• How are users authenticated on the SBC Edge?
• Does SBC Edge support advanced SIP matching?
• How does SBC Edge process network traffic through its Ethernet Interfaces?
• Is there a compiled list of pages for viewing SBC Edge-related software versions?
• When installing cumulative updates for Lync SBA, can we skip CUs in between?

• Sonus SBC Edge API - Requirements
• Sonus SBC Edge API - Resource Design
• Sonus SBC Edge API - Authentication
• Sonus SBC Edge API - REST Samples
• Sonus SBC Edge API - Deployment Workflow

Release Notes

Sonus Product Interoperability Testing

Interoperability Testing Home