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Avaya Solution & Interoperability Test Lab

Application Notes for configuring Sonus Networks Network Border Switch 5200 (NBS5200) with Avaya Aura^{TM} Communication Manager 6.0 and Avaya Aura^{TM} Session Manager 6.0 using SIP Trunks – Issue 1.0

Abstract

These Application Notes describe the configuration steps required for Sonus Networks Network Border Switch 5200 (NBS5200) to interoperate with Avaya Aura® Communication Manager and Avaya Aura® Session Manager using SIP trunks. The NBS5200 Session Border Control (SBC) functionality was compliance tested utilizing Transport Layer Security (TLS) and Secure Real-Time Transport Protocol (SRTP).

The following features and functionality were covered during compliance testing:

- Incoming calls to the Enterprise site through the Sonus Networks NBS5200.
- Outgoing calls from the Enterprise site through the Sonus Networks NBS5200.
- Calls using various analog, digital, H.323, and SIP endpoints supported by the Avaya IP telephony solution.
- Calls using various codecs.
- Inbound and outbound fax calls.
- DTMF tone transmission using RFC 2833 with successful voice mail navigation.
- Telephony features such as hold, resume, transfer, conference, and call forwarding.

Serviceability testing focused on verifying the ability of Sonus Networks NBS5200 to recover from adverse conditions, such as disconnecting/reconnecting the Ethernet cable and stopping/starting Sonus Networks NBS5200, Communication Manager, and Session Manager..

The full document is available upon request from DevConnect at devconnect@avaya.com.

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