

Configuring TDM ports on SBC Edge


 Not supported by SBC SWe Lite in this release.

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About this Page

- This document details how to configure a SBC Edge TDM port
- This document presumes the reader is familiar with configuring the SBC Edge

Related Articles

- [Managing Telephony Ports](#)
- [Managing ISDN Signaling Groups](#)

Prerequisites

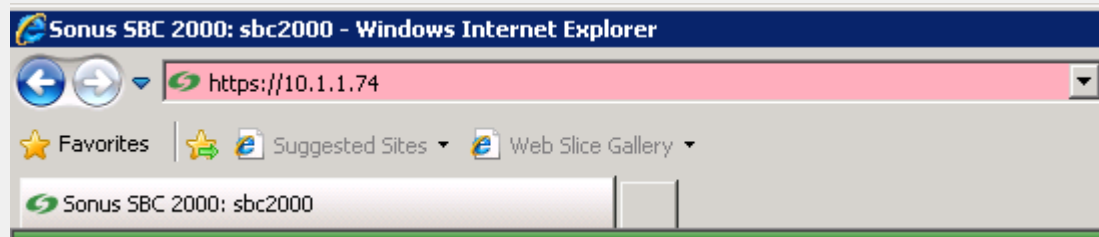
-  Requires Sonus SBC Edge Version 3.0

SBC Edge TDM port configuration

Use the following to configure a SBC Edge TDM port to interconnect to another TDM port/device.

1. Connect to the SBC interface via your web browser.

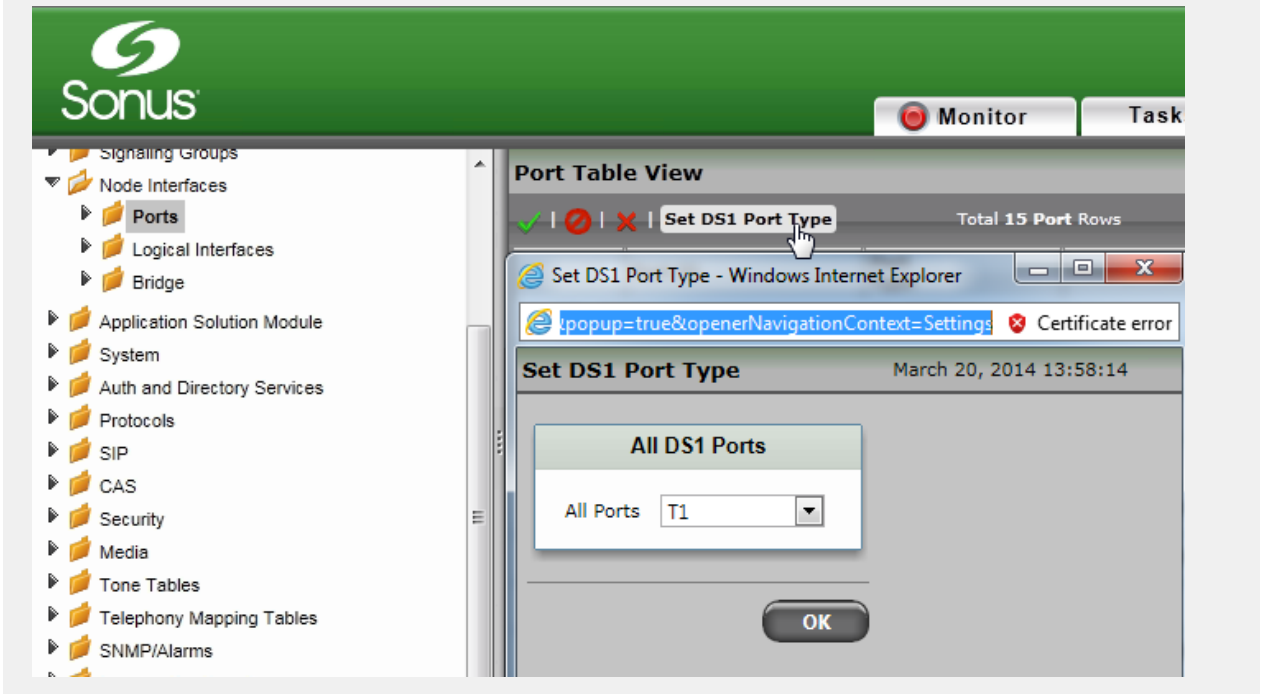
Figure 1: Connect to SBC



2. Set the DS1 Type of the ports on your TDM card, either T1 or E1 depending upon your installation situation.

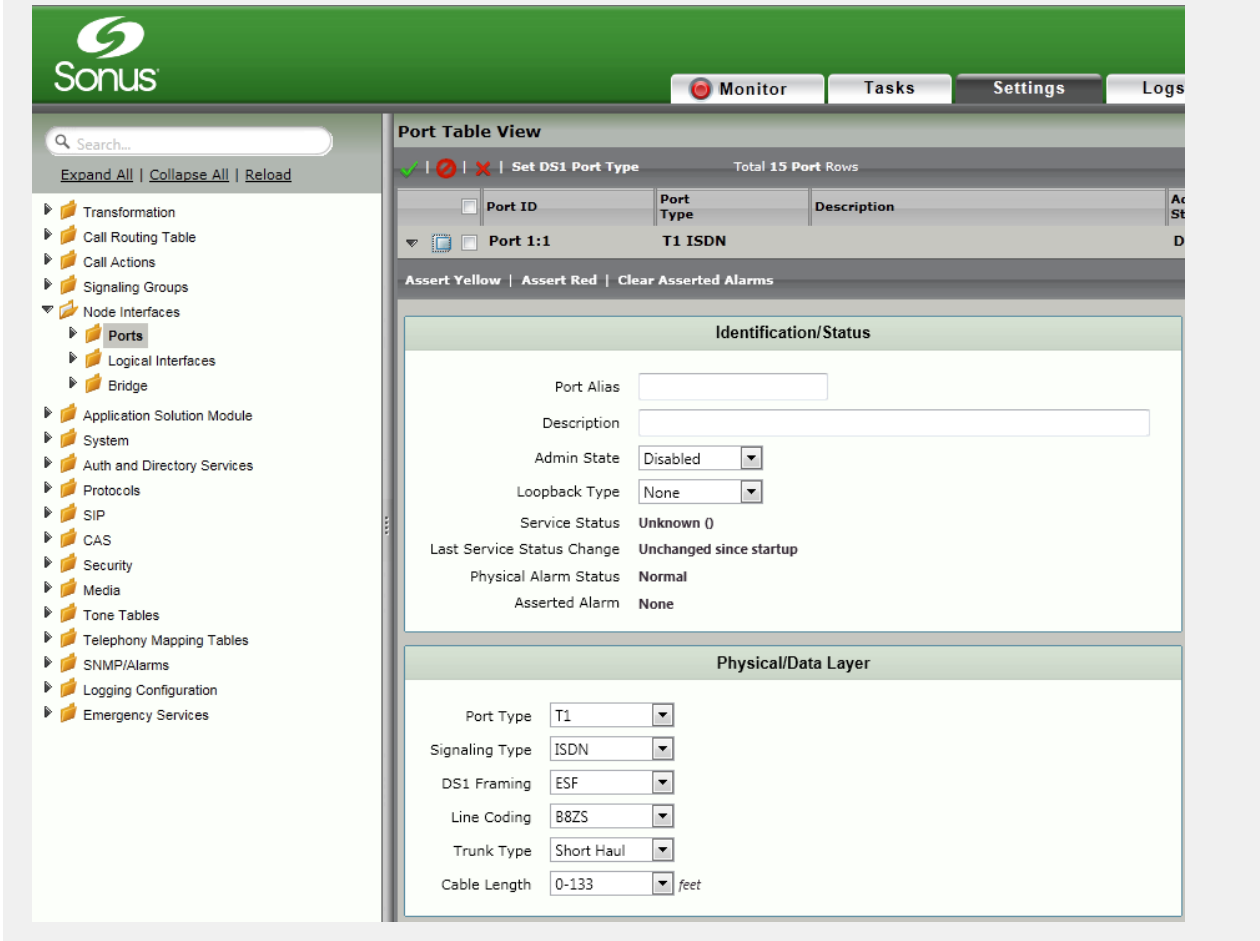


Figure 2: Set DS1 Port Type



3. Configure the TDM port parameters to match with your installation.

Figure 3: Configure TDM Port



4. Create a ISDN Signaling Group to process inbound calls from the TDM port.


 More information on the TDM Signaling Group configuration parameters can be found at [Managing ISDN Signaling Groups](#).

Figure 4: Create ISDN Signaling Group



5. Configure the ISDN Signaling Group to match the requirements of the incoming TDM signaling.

Figure 5: ISDN Signaling Group Details

ISDN Signaling Group Details: ISDN for ux1000
March 20, 2014 14:01:3

Description **ISDN for ux1000**
 Admin State **Disabled**

Channels and Routing

Channel Hunting **Standard**
 Direction **Bidirectional**
 Tone Table **Default Tone Table**
 Action Set Table **None**
 Call Routing Table **sba: SIP to ISDN**
 No Channel Available Override **34: No Circuit/Channel Available**
 Play Inband Message post-disconnect **No**
 Call Setup Response Timer **255**

Port and Protocol

Port Name **(T1) Port 1:1**
 Fractional **No**
 Switch Variant **N12**
 ISDN Side **User**
 Play Ringback **Auto**
 Service Msg Capability **Enabled**
 Stop Far-End T310 **Disabled**
 Indicated Channel **Exclusive**

Switch Specific Parameters

Send Calling Name **Disabled**
 Add Progress Indicator To Setup **None**
 Include Channel Interface Identifier **Disabled**
 Channel Number Bit **Set**

Timeout/Timer Settings

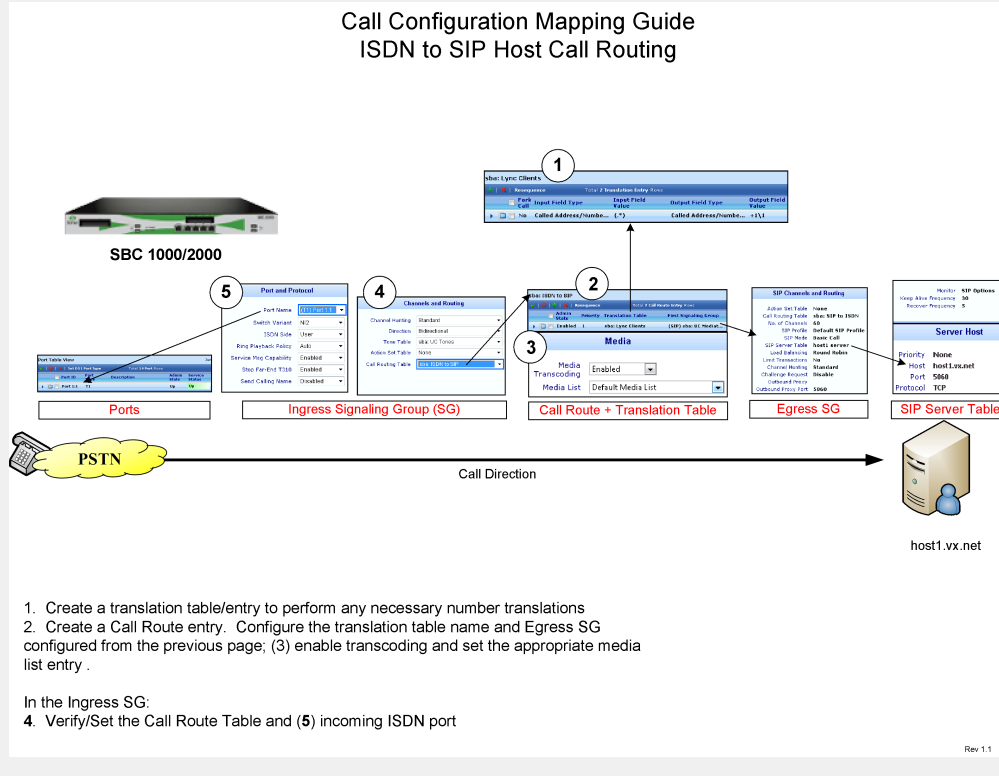
T301	180
T302	15
T303	4
T305	30
T308	4
T309	6
T310	30
T313	4
T314	4
T316	120
T322	4
T3M1/T323	120

6. You will need to create and configure call routing tables/entries, transformation tables/entries and destination Signaling Groups in order to successfully route calls from a ISDN port to any given destination.

Additional Information

Below is a diagram for configuring a TDM port to route to a SIP destination

Figure 6: Configuring TDM Port to Route to SIP Destination



- [Download TDM Routing Diagram](#)