


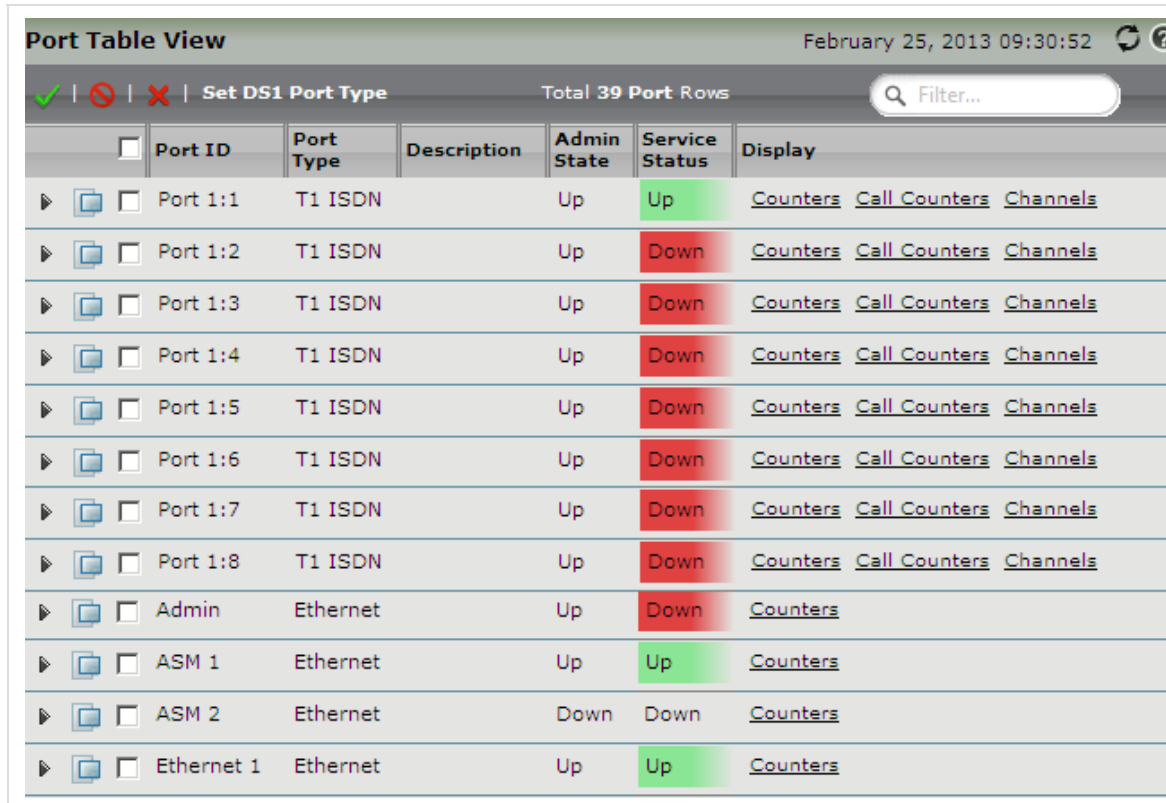
Configuring Ethernet Ports on the Sonus SBC 1000

The Sonus SBC 1000 allows you to configure the Identification information, Physical Data Layer, and Networking Layer for the Ethernet ports. If you want to change the IP Address, you must configure the associated Logical Interface or use the Modify Ethernet IP task found under the Tasks tab.

 Applying configuration to Ethernet ports can cause brief disruption to IP connectivity.


To access the Ethernet Ports on the Sonus SBC 1000:

1. In the WebUI, click the **Settings** tab.
2. In the left navigation pane, go to **Node Interfaces > Ports**.



<input type="checkbox"/>	Port ID	Port Type	Description	Admin State	Service Status	Display
<input type="checkbox"/>	Port 1:1	T1 ISDN		Up	Up	Counters Call Counters Channels
<input type="checkbox"/>	Port 1:2	T1 ISDN		Up	Down	Counters Call Counters Channels
<input type="checkbox"/>	Port 1:3	T1 ISDN		Up	Down	Counters Call Counters Channels
<input type="checkbox"/>	Port 1:4	T1 ISDN		Up	Down	Counters Call Counters Channels
<input type="checkbox"/>	Port 1:5	T1 ISDN		Up	Down	Counters Call Counters Channels
<input type="checkbox"/>	Port 1:6	T1 ISDN		Up	Down	Counters Call Counters Channels
<input type="checkbox"/>	Port 1:7	T1 ISDN		Up	Down	Counters Call Counters Channels
<input type="checkbox"/>	Port 1:8	T1 ISDN		Up	Down	Counters Call Counters Channels
<input type="checkbox"/>	Admin	Ethernet		Up	Down	Counters
<input type="checkbox"/>	ASM 1	Ethernet		Up	Up	Counters
<input type="checkbox"/>	ASM 2	Ethernet		Down	Down	Counters
<input type="checkbox"/>	Ethernet 1	Ethernet		Up	Up	Counters

Configuring the Ethernet Ports on the Sonus SBC 1000

1. Click the expand () icon next to the port you wish to configure

Ethernet 1 Ethernet N/A Up Counters

Identification/Status

Primary Key 23
 Port ID Ethernet 1
 Hardware Type Ethernet
 I/F Index 11
 Port Alias
 Description
 Operational Status Up
 Up/Down Since System Startup

Networking

Frame Type All
 Default Untagged VLAN Ethernet 1 VLAN
 Tagged VLANs

Physical/Data Layer

Configured Speed Auto Mbps
 Negotiated Speed 100 Mbps
 Configured Duplexity Auto
 Negotiated Duplexity Full

Spanning Tree

MSTP State Disabled

Identification/Status - Field Definitions

Port Alias

Specifies an alternative name for the interface; typically configured by the SNMP-based Network Manager. This parameter is unique among all the interfaces known to the SNMP Network Manager. The value cannot have whitespace characters.

Description

Description for the port or interface. Maximum entry: 64 characters.

Physical/Data Layer - Field Definitions

Configured Speed

Configures auto-negotiation or a specific speed for the Ethernet port. The default value should be changed only when necessary.

- **Auto:** When **Auto** is selected the port speed is automatically negotiated by the Ethernet port and reported in the **Negotiated Speed** field.
- **1000/100/10:** The specified port speed 1000 Mbps, 100 Mbps, or 10 Mbps is reported in the **Negotiated Speed** field.

Configured Duplexity


Specifies auto-negotiation or a specific value for the duplexity of the Ethernet port. Valid entries: **Auto**, **Full** or **Half**. Default value: **Auto**. The default value should be changed only when necessary.

Networking - Field Definitions

Frame Type

Specifies the type of Ethernet frames that can be received on this port.

- **All:** When selected, both untagged and tagged Ethernet frames are accepted on this port.
- **Untagged:** When selected, only untagged frames are accepted on this port.
- **Tagged:** When selected, only tagged frames are accepted on this port, and no default VLAN will be configured.

 The **ASM 1** Ethernet port is limited to **Untagged** mode only.

Default Untagged VLAN

Specifies the default VLAN to which untagged frames will be assigned when they are received on this port. Visible only when **Untagged** or **All** is selected from the **Frame Type** list box. For more information about VLANs, see [Creating and Modifying VLANs](#).

Tagged VLANs

Specifies the tagged VLAN(s) of which this Ethernet port is a member. Only user created VLANs can be selected. Visible only when **Tagged** or **All** is selected from the **Frame Type** list box. Since the **ASM 1** Ethernet port is limited to **Untagged** mode only, the **Tagged VLAN** selection is not be present for this port.

Spanning Tree

MSTP State

Determines whether MSTP is enabled/disabled on the port(s). Valid options: **Enabled** (MSTP is enabled) or **Disabled** (default; MSTP is disabled and does not transmit/receive BPDU packets).