Configure SM-X-1T3/E3 on Cisco ISR 4000 Platform

Contents

Introduction

This document describes how to configure SM-X-1T3/E3 card on Cisco's Integrated Service Router (ISR) 4000 series platform.

Prerequisites

Requirements

There are no specific requirements for this document.

Component Used

This document is not restricted to specific software and hardware versions.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Configure

Here is the configuration for SM-X-1T3/E3 card on ISRG3.

> **Note**: Use the [Command Lookup Tool](#) ([registered](#) customers only) in order to obtain more information on the commands used in this section.

```
Router# configure terminal
Router (config)# card type t3 1
```

Configure the card in slot 1 to work in T3 mode:

```
Router(config)# controller t3 1/0
Router(config-controller)# clock source line
```

> **Note**: There is no Service Module (SM) interface on the SM-X-1T3/E3 card in ISR 4000 platform, unlike seen on ISR second generation (ISRG2) platforms (for example; 3900 series router).

```
Router#show ip interface brief
Interface IP-Address OK? Method Status Protocol
GigabitEthernet0/0/0 unassigned YES NVRAM administratively down down
GigabitEthernet0/0/1 unassigned YES NVRAM administratively down down
GigabitEthernet0/0/2 unassigned YES NVRAM administratively down down
Serial1/0/0                     10.1.1.1          YES  NVRAM up up
Router#
```
On a 3900 platform, you see a logical SM interface:

```
Router# show ip interface brief
Serial1/0        10.1.1.1          YES   NVRAM up up
SM1/1            192.168.2.1 YES   NVRAM up up
```
On ISR G2 platform, the SM-X-1T3/E3 card has a logical SM 1/1 interface which gets the ip address via back plane in the range 192.168. (1+slot number).0 dynamically.

Verify

There is currently no verification procedure available for this configuration.

Troubleshoot

There is currently no specific troubleshooting information available for this configuration.

Related Information

- Understanding and Troubleshooting DS3 SM Module [SM-X-1T3/E3] on ISR-G2 Router Platforms
- **Technical Support & Documentation - Cisco Systems**