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Understanding the 4−Port Sync Serial Network Module (NM−4T)

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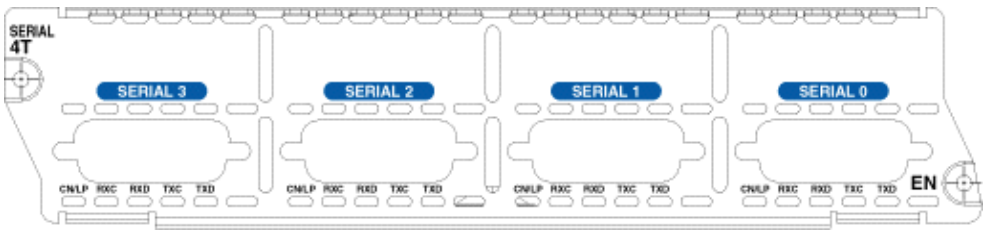
Introduction

The 4−port synchronous (sync) serial network module (NM−4T) has four DB−60 ports and provides a data rate of 8 Mbps on port 0, 4 Mbps each on port 0 and port 2, or 2 Mbps on all four ports simultaneously. The NM−4T network module only supports sync mode. The DB−60 ports on the NM−4T network module support the Cisco 60−pin "5−in−1" cables used on the Cisco 2500 and Cisco 7000 series routers.



Product Number

NM−4T − Four Port Sync Serial Network Module

Features

- Four serial ports.
- Uses Cisco DB−60 connectors (same cabling as Cisco 2500, Cisco 7000, NM−4A/S, and NM−8A/S). For more information, refer to 60−pin "5−in−1"
- Supports sync mode only (async mode is not supported).
- Provides synchronous data rate of 8 Mbps on port 0, 4 Mbps each on port 0 and port 2, or 2 Mbps on all four ports simultaneously.
- Does not support bisync or half−duplex.

Platform Support

Cisco IOS® Software Support	Cisco 2600, 2600XM	Cisco 3620 and 3640	Cisco 3631	Cisco 3660	Cisco 2691, 3725, 3745
NM−4T	Not supported	Cisco IOS Versions 11.2(4)XA, 11.2P, all 11.3, and all 12.x	Not supported	All Cisco IOS versions	Not supported

Configuration

On the NM−4T network module, the interfaces are addressed as **interface serial <slot>/<unit>**. The units are numbered from right to left. Below is a sample configuration for the NM−4T network module. The NM−4T should be configured just as you would any other serial interface on a 2500, 7500 etc.

Note: There are no **framing**, **clocking**, or **linecode** parameters or commands being used here. The NM−4T network module does not have an integrated CSU/DSU. You need to use an external CSU/DSU.

```
maui−soho−02(config)#interface Serial 2/0
maui−soho−02(config−if)#ip add 10.0.0.1 255.255.255.0
maui−soho−02(config−if)#encapsulation ppp
maui−soho−02(config−if)#no shutdown
```

For more information on configuring the NM−4T network module, refer to Configuring Serial Interfaces.

Tools Information

For additional resources, refer to Cisco TAC Tools for Access−Dial Technologies.

Related Information

Related Topics

- **Access−Dial Top Issues**
- **Access Technology Support Pages**
- **More Access−Dial Technical Tips**

Additional Documentation

- **Configuring Serial Interfaces**
- **General Cabling Technical Tips**
- **Cisco Cable Product Numbers, Part Numbers, and Descriptions**
- **Access−Dial Technical Tips Index Page**
- **Access−Dial Top Issues**
- **Access Products Support Page**
- **Access Technology Support Page**

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