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Discover the IP Address of a Cisco ONS 15600

Document ID: 62975

Introduction

Prerequisites

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Conventions

Identify the IP Address

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Related Information

Introduction

Cisco ONS 15600 nodes do not display their IP addresses on the chassis. This document describes how to identify the IP address of an ONS 15600.

Prerequisites

Requirements

Readers of this document should have knowledge of these topics:

- ONS 15600

Components Used

The information in this document is based on these software and hardware versions:

- ONS 15600

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, make sure that you understand the potential impact of any command.

Conventions

For more information on document conventions, refer to the Cisco Technical Tips Conventions.

Identify the IP Address

This procedure uses a TL1 connection from the PC terminal to the TL1 port on the ONS 15600 node. Use this step-by-step procedure:

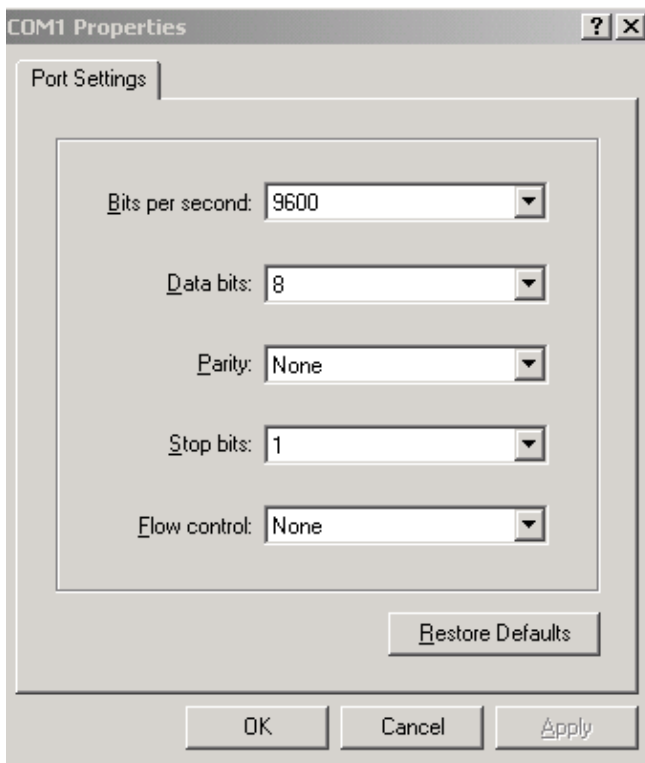
1. Use a DB-9 cable (straight through male-to-female) to connect the PC to the DB-9 port on the customer access panel (CAP) on the back of the ONS 15600.
2. Use a TL1 connection to start HyperTerminal on the PC.
3. Select the correct COM port in the **Connect using** field from the dropdown list, as shown in Figure 1.

Figure 1 Select the Correct COM Port



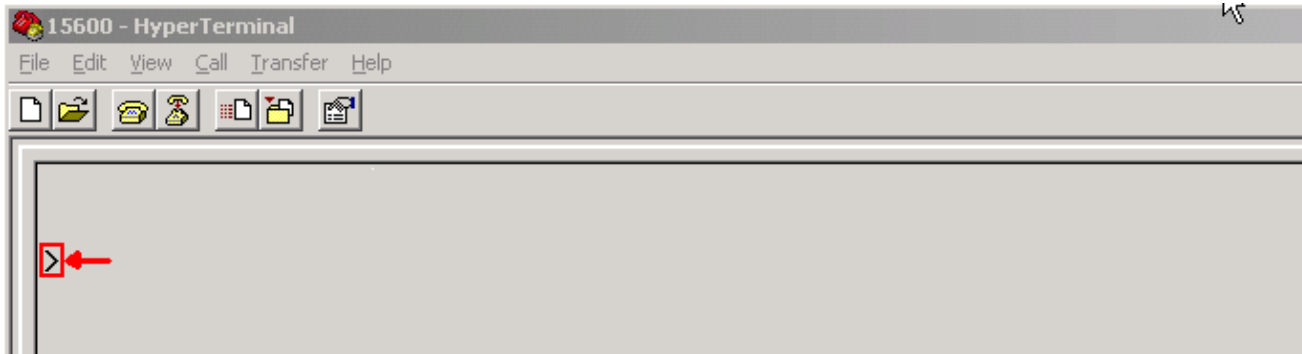
4. Set the bits per second to 9600, data bits to 8, parity to none, stop bits to 1 and flow control to none, as shown in Figure 2.

Figure 2 COM Port Setting



5. Press the enter key: a > prompt appears, as shown in Figure 3.

Figure 3 TL1 > Prompt



6. Enter **ACT-user::<User ID>:<ctag>:<password>**; as shown in Figure 4. In this example, arrow A points to the user ID, arrow B points to the ctag and arrow C points to the password.

Note: The ctag can be any number.

Figure 4 Command to Discover the IP Address

```

15600 - HyperTerminal
File Edit View Call Transfer Help

> ACT-user: :CISC015:9999: :*****;
      A           B           C
15600 Node 8 East: B 2004-09-17 11:28:14
M 9999 COMPLD ← D
;

15600 Node 8 East: B 2004-09-17 11:28:14
A 60 REPT EVT SESSION
"15600 Node 8 East: B:NO,"
/*
CISCO SYSTEMS ONS15600 TL1 Agent Copyright (c) 2000-2003

WARNING
This system is restricted to authorized users for business purpose
d
access is a violation of the law. This service may be monitored fo
ve
and security reasons. By proceeding, you consent to this monitorin
;

> Rtrv-ne-gen:::9999; ← E

15600 Node 8 East: B 2004-09-17 11:29:20
M 9999 COMPLD
"IPADDR=192.168.8.10,IPMASK=255.255.0.0,DEFRTR=0.0.0.0,NAME=156
: B,SWVER=1.1.0,LOAD=01.10-003I-04.19,SELCLK=B,PREFCLK=B,SELDATA=B
;
↑ F
>

Connected 0:08:51 Auto detect 9600 8-N-1 SCROLL CAPS NUM Capture Print echo

```

7. When **M <ctag> COMPLD** (arrow D) appears, you are logged in.
8. Enter **Rtrv-ne-gen:::<ctag>**; (arrow E).
9. **M <ctag> COMPLD** appears, followed by the IPADDR, IPMASK, DEFRTR, NAME, SWVER and LOAD values (arrow F).

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