

CallManager 5.x: NIC Properties via the CLI Configuration Example

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Introduction

This document outlines the procedure to change the Network Interface Card (NIC) settings on a Cisco CallManager 5.x server via the Command Line Interface (CLI).

In Cisco CallManager 5.x, you can use the CLI in order to perform basic operating system functions. The CLI can be accessed from the console or through a secure shell connection to the server and provides a subset of the operating system functionality that is available through the operating system user interface. The CLI is designed for system emergencies and not as a replacement for the user interface.

Prerequisites

Requirements

Ensure that you have the prerequisites to start a CLI session as mentioned in Cisco Unified Communications Operating System Administration Guide, Release 5.0, Command Line Interface.

Components Used

The information in this document is based on Cisco CallManager 5.x.

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

Refer to the Cisco Technical Tips Conventions for more information on document conventions.

Change the NIC Settings via CLI

In order to change the NIC settings on a Cisco CallManager 5.x server, login to the CLI and issue this command:

```
set network nic eth0 [auto en | dis] [speed 10 | 100] [duplex half | full]
```

Where:

- **eth0** specifies Ethernet interface 0.
- **auto** specifies whether auto negotiation gets enabled or disabled.
- **speed** specifies whether the speed of the Ethernet connection is 10 or 100 Mbps.
- **duplex** specifies half–duplex or full–duplex.

This warning message appears:

```
If you continue, this command causes a temporary loss of network
connections while the NIC gets reset. Do you want to continue ?
```

Enter **yes** in order to continue or any other key to abort.

Note: This command is not allowed during upgrade.

Verify

Issue the **show network eth0 [detail]** command in order to verify the NIC settings.

Troubleshoot

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

Related Information

- **Cisco Unified CallManager Administration Guide, Release 5.0(4)**
 - **Cisco Unified Communications Operating System Administration Guide, Release 5.0(4)**
 - **Voice Technology Support**
 - **Voice and Unified Communications Product Support**
 - **Troubleshooting Cisco IP Telephony**
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