

7935 IP Conference Phone Optimal Performance Configuration

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Introduction

The purpose of this document is to provide you with a number of recommendations to help you achieve optimal performance from the Cisco 7935 IP Conference Phone.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on the Cisco 7935 IP Conference Phone.

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 Cisco Technical Tips Conventions for more information on document conventions.

Use the Current Release

For optimal performance, use the most current release of the software. The current release is:

- P005W301

Hard Set the Ethernet Port

Complete these steps to hard set the Ethernet port:

1. Press **Menu**.
2. Use the down arrow to navigate to Admin Setup and press **Select**.
3. Enter the default passcode of ****#** and press the **Enter** softkey.
4. Use the down arrow to navigate to Ethernet Port Configuration and press **Select**.
5. Use the down arrow to navigate to 10 MBPS–HalfDuplex and press the **Change** softkey.
6. When prompted with The change(s) you have requested will cause the Cisco 7935 IP Conference Phone to restart. Please confirm!, press the **Confirm** softkey.
7. The phone reboots.

Hard Set the Port on the Switch

Hard set the port on the switch to which the Cisco 7935 IP Conference Phone connects to 10 Mbps/half–duplex.

Issue these commands to hard set the port on the switch for Catalyst 2900XL and 3500XL products:

- **configure terminal**
- **interface 0/x**
- **speed 10**
- **duplex half**
- **end**

Issue these commands to hard set the port on the switch for Catalyst 4xxx, 5xxx, and 6xxx products:

- **set port speed x/y 10**
- **set port duplex x/y half**

Remove Voice or Auxiliary VLAN References

Since the Cisco 7935 IP Conference Phone has no 10/100 port to which to connect a PC as other 7900 Series IP Phones do, the concept of a voice or auxiliary VLAN does not directly apply and can cause problems. Remove references to the voice VLAN or auxiliary VLAN from the port on the switch that the Cisco 7935 connects to, and put that port in the VLAN whose number corresponds with that of the voice VLAN to avoid potential problems.

Issue these commands to remove voice or auxiliary VLAN references for Catalyst 2900XL and 3500XL products:

- **configure terminal**
- **interface 0/x**
- **switchport access vlan z**
- **no switchport voice vlan z**
- **no switchport mode trunk**
- **no switchport trunk encapsulation dot1q**
- **end**

Issue these commands to remove voice or auxiliary VLAN references for Catalyst 4xxx, 5xxx, and 6xxx

products:

- **set port auxiliaryvlan x/y none**
- **set vlan z x/y**
- **set trunk x/y off**

Related Information

- **Voice Technology Support**
- **Voice and IP Communications Product Support**
- **Troubleshooting Cisco IP Telephony** 
- **Technical Support & Documentation – Cisco Systems**

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