

Installing a New Core SPE 310 Card to Support Voice and Messaging Applications

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Introduction

This document describes how to bring a new core SPE 310 card online to support applications such as the Cisco CallManager publisher or subscriber, or how to add Cisco Unity voice mail on an ICS 7750. In this scenario, a functioning SPE 310 that runs the System Manager in the ICS 7750 chassis already exists, and you might have one or more additional SPEs devoted to running applications. The goal is to add and set up another SPE on which you can install applications.

Prerequisites

Requirements

This document applies primarily to the SPE card in the Cisco ICS 7750 with software version 2.1.x or later. This document does not detail any of the tasks required for proper administration or use of these components:

- Cisco CallManager 3.1
- Cisco Unity 3.0
- Cisco Voice Gateways
- Cisco Voice over IP (VoIP) (VoIP technologies in general.)

You should have a basic understanding of these components. A basic understanding of the ICS 7750 hardware is also helpful. For more information on ICS 7750 hardware, refer to the Cisco ICS 7750 Hardware Installation Guide and Cisco ICS 7750 Administration and Troubleshooting Guide.

Components Used

The information in this document is based on ICS 7750, software release 2.1.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.

Application SPE

Each ICS 7750 must contain exactly one SPE 310 which is the SPE that runs ICS System Manager. All other SPE 310s in the chassis run ICS Core software which contains only a core set of system management services, basically enough for the System Manager SPE to administer/manage these SPEs. These cards can run Cisco CallManager or Cisco Unity applications or other future-supported applications.

Install a New SPE to Run Applications

Step-by-Step Instructions

This procedure applies to the installation of a new, additional SPE 310 that runs applications in an ICS 7750 chassis. It does not apply to the replacement of an existing SPE for running applications or the replacement of the SPE that runs the System Manager.

1. Install the SPE 310 card into an empty slot in the ICS 7750 chassis.
2. Set the correct date, time, and time zone on the new SPE 310.
 - a. Log in as an administrator (the user ID is administrator), and enter your password (the default is changeme).
 - b. On the SPE, choose **Start > Settings > Control Panel > Date/Time**.
 - c. The Date/Time Properties window appears.
 - d. Set the correct date, time, and time zone, then click **OK** to accept the changes.
3. Use ICSCfg to configure the new SPE for running applications.
4. Install Cisco CallManager, Cisco Unity voice mail, and other voice applications on the SPE 310.
 - ◆ Refer to the Installing Cisco CallManager section of the Cisco ICS 7750 Getting Started Guide.
 - ◆ Refer to Installing Cisco Unity Voice Mail on the Cisco ICS 7750.
 - ◆ Refer to Backing Up and Restoring Cisco CallManager Release 3.1 for how to restore Cisco CallManager data.

Verify

After any installation, the administrator should make note of this information:

- System host names
- System SPE IP address, subnet mask, and default gateway
- System passwords
- Simple Network Management Protocol (SNMP) community strings
- Version information, especially of the applications that might not restore correctly on systems that do not contain the same version

Troubleshoot

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

Related Information

- **Cisco CallManager Administration Guide, Release 3.1(2)**
 - **Release Notes for Cisco Unity Voice Mail Release 3.0(1) for the Cisco ICS 7750**
 - **Reimaging Instructions for SPE310 Cards on the Cisco ICS 7750**
 - **Voice Technology Support**
 - **Voice and Unified Communications Product Support**
 - **Troubleshooting Cisco IP Telephony**
 - **Technical Support & Documentation – Cisco Systems**
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