Cisco Configuration

Cisco 3560 Configuration Guide for iSIS8000 Systems

Introduction

The following document deals purely with the configuration of 3560 switches used in ISIS8000 systems under nCC V5 control. It covers both TS data and TS output switches.

Cisco switches are becoming more and more common in TANDBERG systems as they are used to interface various products to customer IP networks. The switches can be used in many roles with in the system. The following document is designed to assist setting up Cisco equipment for use with nCompass Control and iSIS8000 systems.

This document gives an overview of all the functions associated with Cisco switches when used with nCompass Control. The document is only to be used as a guide to assist engineers in setting up and configuring switches. The following instructions for setting up switches in the following modes are covered:-

1. TS Data switch
2. TS Output switch

Switch Types

Cisco switches can be used in nCompass Control to carry broadcast traffic over IP. nCompass can currently control specific Cisco switch models for device redundancy. The operation of the switch is controlled by SNMP.

nCompass can currently support the following switches for device control:-

- Cisco 3550/60 Series (3560 for iSIS8000)
- Cisco 4500 Series

There are currently two software versions available on the Cisco 3550/60. There is no difference in hardware between an SMI and EMI switch. The two software versions are Enhanced Multilayer Image (EMI) and Standard Multilayer Image (SMI). EMI provides more features such as enhanced security, Quality of Service (QoS), OSPF Routing and Protocol Independent Multicast (PIM). IP streamer and encoder systems can use an SMI switch unless specified otherwise.

Cisco 2950 switches are used for Management network redundancy only.

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