Cisco ITU Integrated SS7 TCAP, V5.1, Release Notes

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These release notes describe new features and caveats in ITU Integrated SS7 TCAP system software release 5.1 for use with the Cisco VCO/4K switch and ITU Integrated SS7 system software. Use these release notes in conjunction with the *ITU Integrated SS7, V5.1, System Supplement* and *ITU Integrated SS7 ISUP, V5.1(x), Release Notes*.

Contents

These release notes contain the following sections:

CISCO SYSTEMS

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New and Changed Information

The following features are new or have changed for Cisco ITU Integrated SS7 TCAP system software, hardware, or firmware.

- Compatibility with ITU Integrated SS7 ISUP, V5.1(2), system software

Compatibility with ITU Integrated SS7 ISUP, V5.1, system software

Cisco ITU Integrated SS7 TCAP system software is now compatible with ITU Integrated SS7 ISUP, V5.1(2), system software.

Refer to the *ITU Integrated SS7, V5.1, System Supplement* for detailed information on the TCAP software.

System Requirements

This section provides a list of system requirements for running ITU Integrated SS7 TCAP system software. These requirements are categorized by hardware, firmware, and software. Contact Cisco Systems TAC (Technical Assistance Center) for any site-specific information.

Hardware Requirements

In addition to the Integrated SS7 system software, ITU TCAP Version 5.1 requires the following hardware:

- One of the following systems:
  - VCO/80
  - VCO/20 with an SS7 VME shelf
  - VCO/4K with an SS7 VME shelf
- A SPARC CPU5V card
- 32 MB RAM (2K Mode) or 64 MB RAM (4K Mode and/or Multi-SP Mode) available on the system

Firmware Requirements

There are no special firmware requirements for TCAP V5.1. However, the firmware in the VCO must have the appropriate revision level required by the Generic software. For information, refer to the *VCO/4K Generic Release Notes*.

Software Requirements

TCAP Version 5.1 requires the following software:

- Generic V5.x
- Solaris Release V2.6
- ITU Integrated SS7 ISUP V5.1(2) or later

New Integrated SS7 systems have Solaris V2.6 and AccessManager V3.5.4 installed at the factory.

Table 1 lists valid software checksums and file sizes for the TCAP V5.1 software.

Table 1   Software Requirements

Filename	Checksum /usr/bin/sum	Size ls -l
sept.cpio.Z	64814	587546
install_sept.sh	59700	2830

Note   To get the version of sept (TCAP), run the following command in **$SNV**:
        %version sept

Installation Notes

The TCAP software is purchased separately from the Integrated SS7 software (cktint and ISUP). The TCAP software consists of one floppy disk for SEPT. To install TCAP, complete the following steps:

Step 1   If you haven't already done so, log in to the Integrated SS7 system as **root**.

Step 2   **cd** to **/export/home**.

Step 3   Enter the following command and press **Return**:

        /etc/init.d/volmgt stop

Step 4   Copy the Integrated SS7 TCAP SEPT floppy to the system drive:

   a.   Insert the SEPT floppy in the Integrated SS7 system drive.

   b.   Enter the following command and press **Return:**

            cpio -icduv -C65536 -**I**/dev/rfd0

Step 5   Enter the following command and press **Return**:

        /etc/init.d/volmgt start

Step 6   When the system has copied the software, change the permissions on the SEPT install script by entering the following command and pressing **Return**:

        chmod 755 ./install_sept.sh

Step 7 Enter the following command and press **Return**:

> ./install_sept.sh

The following messages appear:

> Installing sept (File: 'basename sept.cpio.Z)
>
> Creating sept password entry...
>
> Creating sept shadow entry...
>
> done
>
> Change password now...

Step 8 Enter a password and press **Return**.

When the SEPT software is completely installed, the following messages appear:

> Extracting files...
>
> done
>
> Setting up...
>
> done

Step 9 Remove the SEPT diskette.

Limitations and Restrictions

No design constraints have been identified in ITU Integrated SS7 TCAP system software.

Caveats

This section contains open and resolved software caveats for this release of the ITU Integrated SS7 TCAP system software. Caveats describe unexpected behavior or defects in ITU Integrated SS7 TCAP system software or related hardware.

No software caveats have been identified in ITU Integrated SS7 TCAP system software.

Related Documentation

The following documents contain information that may be useful to TCAP system software 5.1 users.

- *ITU Integrated SS7, V5.1, System Supplement*
- *ITU Integrated SS7 ISUP, V5.1(x), Release Notes*

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For a copy of CCO's Frequently Asked Questions (FAQ), contact cco-help@cisco.com. For additional information, contact cco-team@cisco.com.

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