



# Migration Matrix for Cisco Transport Manager Service Pack Releases

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## Introduction

This document describes the migration matrix for Cisco Transport Manager (CTM) service pack releases. This document is updated whenever Cisco releases a new CTM service pack.



**Note**

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This document accompanies the [Release Notes for Cisco Transport Manager](#) and the [Cisco Transport Manager Installation Guide](#). Refer to the release notes for instructions on how to install a service pack.

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## Overview

At first customer shipment (FCS), each CTM release is frozen and a full CD image is created. After FCS, CTM patches are released when a bug fix is required. A patch is not a full CD image but a set of scripts that run on an existing CTM installation. A patch replaces files and executables, and can launch SQL commands that modify the CTM database.

Some installation and migration bugs cannot be fixed with a patch because the FCS CD images cannot be modified. For example, if the CTM migration from a patched build to an FCS build is broken, the bug cannot be fixed in a patch because the migration scripts reside on the FCS CD image of the destination release. For this reason, service packs were created. A service pack is similar to a regular patch, but includes a set of migration scripts that fix migration-related bugs.

Service packs differ from regular patches in the following ways:

- Service packs have a different directory structure. A service pack always includes a set of migration scripts, while a regular patch does not include migration scripts.
- Service packs are planned and released at scheduled intervals. Regular patches, which fix critical customer bugs, are released as needed.



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- Service packs contain:
  - Fixes for migration bugs, which are not included in regular patches.
  - Fixes already implemented in other patches or CTM releases.
  - Changes to third-party tools, such as Apache, JRE, and so on.

## Migration Matrix Table

The following table summarizes all of the supported CTM upgrade paths. Keep these points in mind when you view the table:

- If an upgrade path is listed as N/A, you cannot upgrade directly between the builds specified.
- “Supported up to <CTM\_build\_number>” indicates the latest CTM build for which Cisco supports and verifies the upgrade. If you must run a migration script, the script name is noted. See [Downloading a CTM Service Pack or Migration Script, page 2](#).
- “You must install service pack <CTM\_build\_number>” indicates that you must install a specific service pack before upgrading. See [Downloading a CTM Service Pack or Migration Script, page 2](#).
- A service pack always obsoletes earlier service packs on the same CTM release. For example, a new CTM R8.0 service pack obsoletes all earlier CTM R8.0 service packs, but does not obsolete earlier service packs on other CTM releases (such as R7.2, R7.0, and so on).

**Table 1** Migration Matrix for CTM Service Pack Releases

Upgrading from	Upgrading to			
	CTM R7.2	CTM R8.0	CTM R8.5	CTM R9.0
CTM R7.0	You must install service pack 007.000(000.421.002).	You must install service pack 007.000(000.421.002).	N/A	N/A
CTM R7.2	N/A	You must install service pack 007.002(000.221).	N/A	N/A
CTM R8.0	N/A	N/A	You must install service pack 008.000(000.907.003).	You must install service pack 008.000(000.907.003).
CTM R8.5	N/A	N/A	N/A	You must install service pack 008.005(000.387.006).

## Downloading a CTM Service Pack or Migration Script

If [Table 1](#) indicates that you must install a specific service pack or migration script before upgrading, complete the following steps:

- Step 1** Go to <http://tools.cisco.com/support/downloads/pub/Redirect.x?mdfid=278875317>.
- Step 2** At the Log In screen, enter your registered Cisco.com username and password; then, click **Log In**.



**Note** If you do not have a Cisco.com username and password, you can register for them at <http://tools.cisco.com/RPF/register/register.do>.

- Step 3** At the Select a Device screen, expand **Cisco Transport Manager**.
- Step 4** Click the desired CTM release.
- Step 5** At the Select a Software Type screen, click one of the following options:
- **Transport Manager (CTM) Individual Fixes**—For migration scripts.
  - **Transport Manager (CTM) Patches**—For service packs.
- Step 6** Click **Expand all** and click the desired end-of-tree node. The migration script or service pack is displayed in the right pane.
- Step 7** Click the desired migration script or service pack.
- Step 8** At the Download Image screen, click **Download**.
- Step 9** At the License Agreement screen, read the terms of the license agreement and click **Agree**.
- Step 10** Download the selected migration script or service pack to the location of your choice.

## Related Documentation



**Note** You can access the most current CTM documentation online at [http://www.cisco.com/en/US/products/sw/opticsw/ps2204/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/opticsw/ps2204/tsd_products_support_series_home.html).

The CTM documentation set comprises the following guides:

- [Release Notes for Cisco Transport Manager](#)—Describes the caveats for CTM.
- [Cisco Transport Manager Installation Guide](#)—Explains how to install CTM and how to upgrade from previous releases.
- [Cisco Transport Manager User Guide](#)—Describes how to use the CTM software, which consists of user applications and tools for network discovery, network configuration, connection management, fault management, system administration, and security management.
- [Cisco Transport Manager GateWay/CORBA User Guide and Programmer Manual](#)—Describes the CTM GateWay/CORBA northbound interface product that is available for CTM. This document serves as a reference for developers of OSS applications that work with the CTM GateWay/CORBA interface.
- [Cisco Transport Manager Database Schema](#)—Describes the database schema that CTM uses to store information in a Structured Query Language (SQL) database such as the Oracle database. The document is designed for users who need to create their own reports without using CTM.
- [Cisco Transport Manager High Availability Installation Guide](#)—Explains how to install CTM in a high availability (HA) environment.



**Note** The *Cisco Transport Manager High Availability Installation Guide* is not available online. Contact your Cisco account representative to obtain this guide.

- *Cisco Transport Manager ML Provisioning Methodology*—Describes the methodology that CTM uses to provision ML-series cards.
- *Cisco Transport Manager Basic External Authentication*—Describes how CTM supports basic external authentication.
- *Migration Matrix for Cisco Transport Manager Service Pack Releases*—This document.

## Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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