



Cisco Transport Manager 7.2

Cisco Systems® announces Cisco® Transport Manager Release 7.2, an intelligent element management system (EMS) that supports the latest versions of Cisco ONS Family network elements along with the Cisco CRS-1 Carrier Routing System, the Cisco XR 12000 Series Router, the Cisco 7609 Router, Cisco MGX® 8880 Media Gateways, voice-enabled Cisco MGX 8850 Multiservice Switch and voice-enabled MGX 8830 Multiservice Switch.

PRODUCT OVERVIEW

Cisco Transport Manager intelligently supports configuration, fault, performance, and security management and serves as a foundation for integration into a larger, overall operations support system (OSS) environment. Table 1 lists the new features available in Cisco Transport Manager Release 7.2; for further information about the new features, contact your Cisco sales representative.

Table 1. New Features in Cisco Transport Manager Release 7.2

| Feature | Description |
|--|---|
| Cisco 7609 Router management | Cisco Transport Manager 7.2 expands its scope to include operations, administration, maintenance, and provisioning (OAM&P) for the Cisco 7609 Router with Cisco IOS® Software Release 12.2.18.SXF. |
| Support for Cisco ONS 15600 Series small form-factor pluggables (SFPs) | Cisco Transport Manager 7.2 supports inventory, fault, provisioning, and performance management of SFPs introduced on the Cisco ONS 15600 Release 7.2 SONET Multiservice Switching Platform (MSSP). |
| Support for Cisco ONS 15454 Radio Access Network Optimization (RAN-O) module | Cisco Transport Manager 7.2 supports inventory, fault, and circuit provisioning management of the Cisco RAN-O module on the Cisco ONS 15454 Release 7.2 SONET and SDH Multiservice Provisioning Platforms (MSPP). |
| Dense wavelength-division multiplexing (DWDM) physical layer interface module (PLIM) | Cisco Transport Manager 7.2 provides inventory, fault, configuration, and performance management for the DWDM PLIM cards of the Cisco CRS-1 running Cisco IOS XR Software Release 3.3 or 3.3.1. |
| Optical channel client connection (OCHCC) circuit provisioning for Cisco CRS-1 | Using Cisco Transport Manager 7.2, customers can provision end-to-end OCHCC circuits between two DWDM PLIM cards, traversing either a Cisco ONS 15454 Multiservice Transport Platform (MSTP) network or a dark fiber. |

Cisco Transport Manager Release 7.2 Supported Network Elements

Following is a list of network elements and software versions supported by Cisco Transport Manager Release 7.2:

- Cisco ONS 15216 100-GHz Optical Add/Drop Multiplexer (OADM) Releases 2.2.2 and 2.2.3
- Cisco ONS 15216 100-GHz DWDM Red/Blue Filters
- Cisco ONS 15216 Erbium-Doped Fiber Amplifier 2 (EDFA2) Releases 2.3 and 2.4
- Cisco ONS 15216 EDFA3 Release 1.1
- Cisco ONS 15216 200-GHz OADM, EDFA1, DWDM filters, Optical Supervisory Channel (OSC), and Dispersion Compensation Unit (DCU)
- Cisco ONS 15216 FlexLayer
- Cisco ONS 15302 Multiservice Customer Access Platform Releases 2.0.1 and 2.0.2
- Cisco ONS 15305 Multiservice Customer Access Platform Releases 2.0.2, 2.0.3, and 3.0
- Cisco ONS 15310-CL SONET Multiservice Platform Releases 5.0.2, 5.0.4, 5.0.6, 5.0.7, 6.0, 6.0.1, 6.2, 6.2.2, 7.0, 7.0.2, and 7.2
- Cisco ONS 15310-MA SONET Multiservice Platform Releases 7.0 and 7.2

- Cisco ONS 15327 SONET Multiservice Platform Releases 4.1.3, 4.1.4, 4.1.8, 4.1.81, 4.6.6, 5.0.2, 5.0.4, 5.0.6, 5.0.7, 6.0, 6.0.1, 6.2, 6.2.2, 7.0, 7.0.2, and 7.2
- Cisco ONS 15454 SONET Multiservice Platform Releases 4.0.3, 4.1.3, 4.1.4, 4.1.6, 4.1.8, 4.1.81, 4.6.1, 4.6.4, 4.6.5, 4.6.6, 4.7 (MSTP only), 5.0.2, 5.0.4, 5.0.6, 5.0.7, 6.0, 6.0.1, 6.2, 6.2.2, 7.0, 7.0.1 (MSTP only), 7.0.2, and 7.2
- Cisco ONS 15454 SDH Multiservice Platform Releases 4.1.8, 4.6.3, 5.0, 5.0.1, 5.0.4, 5.0.6, 6.0, 6.0.1, 6.2, 6.2.2, 7.0, 7.0.1 (MSTP only), 7.0.2, and 7.2
- Cisco ONS 15501 DC Release 4.1
- Cisco ONS 15501 AC Release 4.1
- Cisco IOS Software Releases 12.2(26)SV1, 12.2(26)SV2, and 12.2(29)SV for the Cisco ONS 15530
- Cisco IOS Software Releases 12.2(26)SV1, 12.2(26)SV2, and 12.2(29)SV for the Cisco ONS 15540 Extended Services Platform (EXP)
- Cisco IOS Software Releases 12.2(26)SV1, 12.2(26)SV2, and 12.2(29)SV for the Cisco ONS 15540 ESPx
- Cisco ONS 15600 SONET Multiservice Switching Platform (MSSP) Releases 1.3.1, 5.0.2, 5.0.4, 5.0.6, 5.0.7, 6.0, 6.0.1, 6.2, 6.2.2, 7.0, 7.0.2, and 7.2
- Cisco ONS 15600 SDH MSSP Release 1.4
- Cisco ONS 15800 DWDM ANSI Platform Release 2.1
- Cisco ONS 15801 DWDM European Telecommunications Standards Institute (ETSI) Platform Release 2.1
- Cisco ONS 15808 DWDM Platform Release 2.2
- Cisco CRS-1 Releases 3.2, 3.2.1, 3.2.2, 3.3, and 3.3.1
- Cisco XR 12000 Series Router Releases 3.2, 3.2.1, 3.2.2, 3.3, and 3.3.1
- Cisco IOS Software Release 12.2.18.SXF for Cisco 7609
- Cisco MDS 9000 Series Multilayer Directors and Fabric Switches
- Cisco MGX 8880 Media Gateways Releases 5.0.20, 5.2.00, and 5.3.00
- Voice-enabled Cisco MGX 8850 Multiservice Switch Releases 5.0.20, 5.2.00, and 5.3.00
- Voice-enabled Cisco MGX 8830 Multiservice Switch Releases 5.0.20, 5.2.00, and 5.3.00
- Cisco Voice Interworking Service PR (VISM-PR) Releases 3.3.10, 3.3.20, and 3.3.25
- Cisco Voice Switch Services Module (VXSM) Releases 5.0.70, 5.2.00, and 5.3.00
- Cisco Cat OS Release 7.1(1) or later for the Cisco Catalyst 6509 Switch

AVAILABILITY

Cisco Transport Manager 7.2 will begin shipping September 18, 2006. Customers can place orders through their normal sales channels beginning September 6, 2005. Existing Cisco Transport Manager customers with current Cisco Software Application Support plus Upgrades (SASU) contracts not yet expired can upgrade to Release 7.2 using the Cisco Product Upgrade Tool at <http://www.cisco.com/upgrade>.

Starting with Cisco Transport Manager 7.0, only the Cisco Software Application Support (SAS) contract is available.

ORDERING INFORMATION

Cisco Transport Manager consists of the base media kit, additional optional components (GateWay /Common Object Request Broker Architecture [CORBA] and High Availability), and client and network element right-to-use (RTU) licenses. Table 2 lists the part numbers and descriptions associated with Cisco Transport Manager 7.2.

Table 2. Part Numbers and Descriptions

| Part Number | Description |
|--|--|
| Cisco Transport Manager Release Software Product Kits | |
| CTM-7.2-K9 | Cisco Transport Manager 7.2 |
| CTM-7.2-NE10-K9 | Cisco Transport Manager 7.2 to manage up to 10 nodes and 5 concurrent clients |
| CTM-7.2-NE50-K9 | Cisco Transport Manager 7.2 to manage up to 50 nodes and 10 concurrent clients |
| CTM-7.2-NE200-K9 | Cisco Transport Manager 7.2 to manage up to 200 nodes and 20 concurrent clients |
| CTM-7.2-CORBA | Cisco Transport Manager GateWay/CORBA Northbound Interface 7.2 |
| CTM-7.2-HA | Cisco Transport Manager 7.2 High Availability Agent 2.2 |
| Cisco Transport Manager Release Upgrades | |
| CTM-3.2-7.2-UPG-K9 | Cisco Transport Manager 7.2 Upgrade for 3.2.x or earlier to 7.2 |
| CTM-4.0-7.2-UPG-K9 | Cisco Transport Manager 7.2 Upgrade for 4.0.x to 7.2 |
| CTM-7.2-UPG-K9 | Cisco Transport Manager 7.2 Upgrade for 4.1.x or later to 7.2 |
| CTM-7.2-CORBA-UPG | Cisco Transport Manager GateWay/CORBA Northbound Interface 7.2 Upgrade |
| CTM-7.2-HA-UPG | Cisco Transport Manager 7.2 High Availability Agent 2.2 Enhanced Upgrade |
| Note: Cisco SAS is available for all the preceding application and related upgrades. The purchase of an annual Cisco SAS maintenance contract entitles you to free upgrades to minor and maintenance application releases, access to the Cisco.com Software Center for patches and bug fixes, and Cisco Technical Assistance Center (TAC) support. Please contact your Cisco sales representative for further information. | |
| Cisco Transport Manager License Upgrades | |
| CTM-NE10TO50-UPG | Cisco Transport Manager to manage up to 50 nodes; license upgrade |
| CTM-NE50TO200-UPG | Cisco Transport Manager to manage up to 200 nodes; license upgrade |
| CTM-NE200UNL-UPG | Cisco Transport Manager to manage up to maximum number of nodes; license upgrade |
| Cisco Transport Manager Client RTU Licenses | |
| CTM-CLIENT-001, -010, -050 | Cisco Transport Manager Client RTU license (1 RTU, 10 RTU block, and 50 RTU block) |
| Cisco Transport Manager Network Element RTU Licenses | |
| CTML-15216-001 | Cisco Transport Manager RTU license for Cisco ONS 15216 (one RTU) |
| CTML-15216-010, 050 | Cisco Transport Manager RTU license for Cisco ONS 15216 (10 block and 50 block) |
| CTML-15302-001 | Cisco Transport Manager RTU license for Cisco ONS 15302 (one RTU) |
| CTML-15302-025 | Cisco Transport Manager RTU license for Cisco ONS 15302 (25 block) |
| CTML-15305-001 | Cisco Transport Manager RTU license for Cisco ONS 15305 (one RTU) |
| CTML-15305-025 | Cisco Transport Manager RTU license for Cisco ONS 15305 (25 block) |
| CTML-15310-001 | Cisco Transport Manager RTU license for Cisco ONS 15310CL (one RTU) |
| CTML-15310-025, -100 | Cisco Transport Manager RTU license for Cisco ONS 15310CL (25 block and 100 block) |
| CTML-15530-001 | Cisco Transport Manager RTU license for Cisco ONS 15530 (one RTU) |
| CTML-15540-001 | Cisco Transport Manager RTU license for Cisco ONS 15540 (one RTU) |
| CTML-15327-001 | Cisco Transport Manager RTU license for Cisco ONS 15327 (one RTU) |
| CTML-15327-025 | Cisco Transport Manager RTU license for Cisco ONS 15327 (25 block) |
| CTML-15454-001 | Cisco Transport Manager RTU license for Cisco ONS 15454 (one RTU) |

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|--|--|
| CTML-15454-025, -050, -100, -500 | Cisco Transport Manager RTU license for Cisco ONS 15454 (25 block, 50 block, 100 block, and 500 block) |
| CTML-15454M-001 | Cisco Transport Manager RTU license for Cisco ONS 15454 Multishelf (one RTU) |
| CTML-15454M-005, -025 | Cisco Transport Manager RTU license for Cisco ONS 15454 Multishelf (5 block and 25 block) |
| CTML-15600-001 | Cisco Transport Manager RTU license for Cisco ONS 15600 (one RTU) |
| CTML-15600-005, -025 | Cisco Transport Manager RTU license for Cisco ONS 15600 (5 block and 25 block) |
| CTML-1580X-001 | Cisco Transport Manager RTU license for Cisco ONS 1580X (one RTU) |
| CTML-CRS1-8-001 | Cisco Transport Manager RTU license to manage one Cisco CRS-1 8-Slot Single-Shelf System |
| CTML-CRS1-16-001 | Cisco Transport Manager RTU license to manage one Cisco CRS-1 16-Slot Single-Shelf System |
| CTML-CRS1LR-001 | Cisco Transport Manager RTU license to manage one Cisco CRS-1 Logical Router |
| CTML-XR12000-001 | Cisco Transport Manager RTU license to manage one Cisco XR 12000 |
| CTML-XR12000-010 | Cisco Transport Manager RTU license to manage 10 Cisco XR 12000 |
| CTML-XR12000LR-001 | Cisco Transport Manager RTU license to manage one Cisco IOS XR 12000 LR |
| CTML-8880-001 | Cisco Transport Manager RTU license to manage one Cisco MGX 8880 |
| CTML-8850-001 | Cisco Transport Manager RTU license to manage one Cisco MGX 8850 |
| CTML-8830-001 | Cisco Transport Manager RTU license to manage one Cisco MGX 8830 |
| CTML-7609-001 | Cisco Transport Manager RTU license to manage one Cisco 7609 |
| <p>Note: Passive Cisco ONS 15216 network elements that are not actively managed by Cisco Transport Manager—the Cisco ONS 15216 200-GHz Filter, ONS 15216 200-GHz OADM, ONS 15216 EDFA1, ONS 15216 OSC, ONS 15216 DCU, and ONS 15216 Unidirectional Filter—do not require a Cisco Transport Manager RTU. The active Cisco ONS 15216 network elements—the Cisco ONS 15216 100-GHz OADM and ONS 15216 EDFA2—do require a Cisco Transport Manager RTU.</p> | |

FOR MORE INFORMATION

For additional product information, visit <http://www.cisco.com/go/ctm> or contact your local account representative.



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