



Intelligent Event Module™ for HP® TRU64® UNIX®

INTELLIGENT EVENT MODULE BASICS

The HP Tru64 UNIX Intelligent Event Module (IEM) enables you to automate real-time monitoring of AlphaServer® platforms running on the Tru64® UNIX® 5.1 operating system and capture the critical information you need for effective enterprise management.

The HP Tru64 UNIX IEM provides *ConsoleWorks*® with a watch-list of text messages, including error codes, system warnings, and status alerts, produced by Tru64 UNIX. *ConsoleWorks* watches for these messages, called Events, in the data streams of your managed systems.

Events

When *ConsoleWorks* detects an Event, it alerts you to the Event as it is happening, records the circumstances surrounding the Event, and automatically performs the default or customer-configured responses associated with that Event.

Scans

IEMs come with Events pre-arranged in logical groupings, called Scans™. Working with a Scan—or a combination of Scans—instead of hundreds of individual Events simplifies managing Events across your enterprise.

HP TRU64 UNIX IEM AT A GLANCE

Events:	266
Scans:	1 Master 5 Event
Filename:	<code>cw_iem-hp_t64u-0000.bin</code>
License Required:	<code>CONWRKS-DB-TRU64.lic</code>
Connector Required:	Serial or Telnet

USING THE HP TRU64 UNIX IEM

To use this IEM, complete the following tasks:

1. Download the IEM from the TDi web site.
2. Import the IEM into *ConsoleWorks*.
3. Associate the Scan from the IEM with the systems you want to manage.

To Download the IEM

1. Install the license for the HP Tru64 UNIX IEM. To obtain this license, contact your TDi Solutions Team Manager (sales@tditx.com).
2. Move to the TDi web site (www.tditx.com/support_iemdownloads.asp).
3. On the Product Downloads page, locate and click **HP Tru64 UNIX**.
4. In the Connect to support2.tditx.com dialog box, enter your User name and Password, and click **OK**. To obtain a User name and Password, contact TDi Support (support@tditx.com).
5. Save the file (`cw_iem-hp_t64u-0000.bin`) to a directory accessible from your client workstation.

To Import the IEM

1. On the *ConsoleWorks* main menu, click **Admin > Database > Import IEM**.
2. On the Import IEM page, click **Browse**.
3. On the Choose file dialog box, locate and double-click `cw_iem-hp_t64u-0000.bin`.
4. On the Import IEM page, click **Import IEM**, and wait for the **IEM import completed** message to appear on the page before associating the IEM's Scan.

To Associate the Scan

Associate the Scan with the Tru64 UNIX systems you want *ConsoleWorks* to monitor. When you associate a Scan with a system, you are specifying that *ConsoleWorks* scan the data streams of that system for the Events contained in the Scan.

Example: To associate T64U_CRITICAL Scan

1. On the *ConsoleWorks* main menu, click **Manage > Scans > Show Scans**.
2. On the Show Scans page, in the Scans column, click **T64U_CRITICAL**.
3. On the Scan: T64U_CRITICAL page, in the Unassociated Consoles column, select the check boxes next to the names of the managed systems you want to associate with the Scan.
4. Click **Update Scan**.

For detailed instructions on associating Scans, please refer to the *ConsoleWorks* user's guide.



SCANS AVAILABLE IN THE HP TRU64 UNIX IEM

The HP Tru64 UNIX IEM contains a Master Scan and five Event Severity Scans.

Master Scan

The Master Scan, `T64U`, is the top-level Scan. It references all the other Scans in the IEM. When you associate the Master Scan with a system, you are specifying that *ConsoleWorks* scan the data streams of that system for any of the IEM's 266 Events.

Event Severity Scans

The HP Tru64 UNIX IEM contains five Event Severity Scans. Use one or more of these Scans to monitor Tru64 systems for Events based on their Severity level.

The IEM provides the following Event Severity Scans:

- T64U_CRITICAL 18 Events
- T64U_MAJOR 37 Events
- T64U_MINOR 67 Events
- T64U_WARNING 12 Events
- T64U_INFORMATIONAL 132 Events

SAMPLE HP TRU64 UNIX IEM EVENTS

The HP Tru64 UNIX IEM provides you with names, message texts, Severity ratings, causes, and recommended responses for Events produced by Tru64 UNIX.

This section displays samples of the information you receive for each Event in the HP Tru64 UNIX IEM.

Sample Event 1

Name: T64U_PANIC

Message: `panic.`

Severity: CRITICAL

Cause: A non-recoverable hardware or software inconsistency has occurred that the operating system cannot deal with.

Response: Review the messages after the panic message to determine what action to take.

Sample Event 2

Name: T64U_CNXCAABAD

Message: `Cannot communicate with the CAA daemon.`

Severity: WARNING

Cause: The CAA daemon needs to read the information for every resource from the database. And it cannot.

Response: This message may indicate that the system administrator did not register the TruCluster Server license. Check for the license with the `lmf list` command.

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