



Intelligent Event Module™ for HP® AlphaServer Marvel

INTELLIGENT EVENT MODULE BASICS

The HP AlphaServer Marvel Intelligent Event Module™ (IEM) enables you to automate real-time monitoring of HP AlphaServer systems and capture the critical information you need for effective enterprise management.

The HP AlphaServer Marvel provides ConsoleWorks® with a watch-list of text messages, including error codes, system warnings, and status alerts, produced by ES47, ES80, and GS1280 systems. 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 ALPHASERVER MARVEL IEM AT A GLANCE

Events:	337
Scans:	1 Master 4 Event Severity
Filename:	<code>cw_iem-hp_alphaev7-0003.bin</code>
License Required:	<code>CONWRKS-DB-MARVEL.lic</code>
Connector Required:	Syslog

USING THE HP ALPHASERVER MARVEL 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 Scans from the IEM with the systems you want to manage.

Download the IEM

1. Obtain a license for the HP AlphaServer Marvel IEM. To obtain this license, contact TDI (sales@tditx.com).
2. Connect to the TDI web site: (www.tditx.com/support_iemdownloads.asp).
3. On the Product Downloads page, locate and click **HP AlphaServer Marvel**.
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_alphaev7-0003.bin`) to a directory accessible from your client workstation.

Import the IEM

1. On the main menu:
 - (ConsoleWorks 3) click **Admin > Database > Import IEM**.
 - (ConsoleWorks 4) click **Events > IEMs**.
2. On the Import IEM page, click **Browse**.
3. On the Choose file dialog box, locate and double-click `cw_iem-hp_alphaev7-0003.bin`.
4. On the Import IEM page, click **Import IEM**, and wait for the **IEM Import Completed** or the **Import Successful** message to appear before attempting to associate Scans.

Associate the Scan

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


Example: To associate Scan ALPHAEV7_CRITICAL (ConsoleWorks 3)

1. On the ConsoleWorks main menu, click **Manage > Scans > Show Scans**.
2. On the Show Scans page, in the Scans column, click **ALPHAEV7_CRITICAL**.



- On the Scan: ALPHAEV7_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.
- Click **Update Scan**.

Example: To associate Scan ALPHAEV7_CRITICAL (ConsoleWorks 4)

- On the main menu, click **Events > Scans > Edit**.
The Edit Scan page appears.
- On the Name drop-down list, click **ALPHAEV7_CRITICAL**.
- Click , then click **Add**.
The Add Consoles selector appears.
- Select the Consoles you want associated with the Scan, review your choices in the Selected Consoles window, and click **OK**.
- Click **Save**.

SCANS AVAILABLE IN THE HP ALPHASERVER MARVEL IEM

The HP AlphaServer Marvel IEM contains a Master Scan and five Event Severity Scans.

Master Scan

The Master Scan, **ALPHAEV7**, is the top-level Scan. It references all the other Scans in the IEM. When you associate the Master Scan with an AlphaServer system, you are specifying that ConsoleWorks scan the data streams of that system for any of the IEM's 337 Events.

Event Severity Scans

The HP AlphaServer Marvel IEM contains four Event Severity Scans. Use one or more of these Scans to monitor systems for Events based on their Severity level.

The IEM provides the following Event Severity Scans:

- ALPHAEV7_CRITICAL 117 Events
- ALPHAEV7_MAJOR 153 Events
- ALPHAEV7_WARNING 52 Events
- ALPHAEV7_INFORMATIONAL 15 Events

SAMPLE HP ALPHASERVER MARVEL IEM EVENTS

The HP AlphaServer Marvel IEM provides you with names, message texts, Severity ratings, and recommended responses for Events produced by Marvel systems.

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

Sample Event 1

Name: ALPHAEV7_INTERNALPGMERR
Message: internal programming error
Severity: CRITICAL
Response: Reset Micros.
 Send the SM packet to assign an IO7 to a sub partition.

Sample Event 2

Name: ALPHAEV7_FAILGETHPMEM
Message: Failed to get HP Memory Assignments from DB
Severity: MAJOR
Response: Retry/Repeat Function.

©2006–2009 TDI. The information in this document is provided by TDI as-is without warranty of any kind and is subject to change without notice. The warranties for TDI solutions are set forth in the limited warranty statements accompanying such solutions. Nothing herein shall be construed as constituting an additional warranty. All products or company names mentioned in this document are trademarks or registered trademarks of their respective owners. Portions of the technology within the ConsoleWorks server are protected under US Patent number 6,505,245. ConsoleWorks is a registered trademark of TDI.