



INTELLIGENT EVENT MODULE BASICS

The HP® OpenVMS® 8.2 Intelligent Event Module (IEM) enables you to automate real-time monitoring of platforms running HP OpenVMS version 8.2 (and earlier) and capture the critical information you need for effective enterprise management.

The HP OpenVMS 8.2 IEM provides *ConsoleWorks*® with a watch-list of text messages, including error codes, system warnings, and status alerts, produced by OpenVMS versions 7.2, 7.3, and 8.2. *ConsoleWorks* uses 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 OPENVMS 8.2 IEM AT A GLANCE

Events:	7887
Scans:	1 Master 5 Event Severity
Filename:	<code>cw_iem-hp_openvms82-0004.bin</code>
License Required:	<code>CONWRKS-DB-OPENVMS.lic</code>
Connector Required:	Serial, Telnet, or Pseudo Console

USING THE HP OPENVMS 8.2 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 OpenVMS 8.2 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 OpenVMS 8.2**.
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_openvms82-0004.bin`) to a directory accessible from your client workstation.

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_openvms82-0004.bin`.
4. On the Import IEM page, click **Import IEM**, and wait for the **IEM import completed** message to appear on the page before attempting to associate Scans.

Associate the Scans

Associate the Scans with the systems you want *ConsoleWorks* 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 VMS82_CRITICAL

1. On the *ConsoleWorks* main menu, click **Manage > Scans > Show Scans**.
2. On the Show Scans page, in the Scans column, click **VMS82_CRITICAL**.
3. On the Scan: VMS82_CRITICAL page, in the Unassociated Consoles column, select the check boxes next to the names of the managed databases you want to associate with the Scan.
4. Click **Update Scan**.

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



SCANS AVAILABLE IN THE HP OPENVMS 8.2 IEM

The HP OpenVMS 8.2 IEM contains a Master Scan and five Event Severity Scans.

Master Scan

The Master Scan, **VMS82**, is the top-level Scan. It references all the other Scans in the IEM. When you associate the Master Scan with an OpenVMS system, you are specifying that ConsoleWorks scan the data stream of that system for all 7,887 Events.

Event Severity Scans

The HP OpenVMS 8.2 IEM contains five Event Severity Scans. Use these Scans to monitor OpenVMS systems for messages based on the Severity level of the Events.

The IEM provides the following Event Severity Scans:

- VMS82_CRITICAL 384 Events
- VMS82_MAJOR 435 Events
- VMS82_MINOR 1847 Events
- VMS82_WARNING 414 Events
- VMS82_INFORMATIONAL 4807 Events

SAMPLE HP OPENVMS 8.2 IEM EVENTS

The HP OpenVMS 8.2 IEM provides you with names, message texts, Severity ratings, affected Facility/Subsystems, and explanations for Events produced by OpenVMS.

The following section displays samples of the information you receive for each Event in the HP OpenVMS 8.2 IEM.

Sample Event 1

Name: VMS82_SECSRV-BADJOBTYPE
Message: SECSRV- *-BADJOBTYPE ,
Severity: MAJOR
**Facility/
Subsystem:** SECSRV (Security Server)
Explanation: A request to audit a login failure in the security server failed because the type of job specified in the request was invalid.

Sample Event 2

Name: VMS82_AMDS-DATACOLENA
Message: AMDS- *-DATACOLENA ,
Severity: INFORMATIONAL
**Facility/
Subsystem:** AMDS (DECamds)
Explanation: The AMDS startup procedure on an I64 node found a valid PAK for collecting data. Both data collection and running the Data Analyzer are allowed.

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