



Intelligent Event Module™ for IBM® HMC

INTELLIGENT EVENT MODULE BASICS

The IBM HMC Intelligent Event Module (IEM) enables you to automate real-time monitoring of IBM® servers running the Hardware Management Console (HMC) 2.0 application and capture the critical information you need for effective enterprise management.

The IBM HMC IEM provides ConsoleWorks® with a watch-list of text messages, including error codes, system warnings, and status alerts, produced by IBM systems running HMC. 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.

IBM HMC IEM AT A GLANCE

Events:	502
Scans:	1
Filename:	<code>cw_iem-ibm_hmc 0002.bin</code>
License Required:	<code>CONWRKS-DB-IBMHMC.lic</code>
Connector Required:	Pseudo Console

USING THE IBM HMC 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 IBM HMC 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 **IBM Hardware Management Console**.
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-ibm_hmc-0002.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-ibm_hmc-0002.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 IBM 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 HMC_WARNING Scan

1. On the ConsoleWorks main menu, click **Manage > Scans > Show Scans**.
2. On the Show Scans page, in the Scans column, click **HMC_WARNING**.
3. On the Scan: HMC_WARNING 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 IBM HMC IEM

The IBM HMC IEM contains one Scan: **IBMHMC**. When you associate this Scan with a system, you are specifying that ConsoleWorks scan the data streams of that system for any of the IEM's 502 Events.

SAMPLE IBM HMC IEM EVENTS

The IBM HMC IEM provides you with names, message texts, Severity ratings, explanations, and recommended responses for Events produced by IBM servers running the HMC 2.0 application.

This section displays samples of the information you receive for each Event in the IBM HMC IEM.

Sample Event 1

Name: IBMHMC_HSCL0591

Message: **Cannot activate logical partition when an affinity logical partition has already been activated since powering on**

Severity: WARNING

Response: Activation of logical partitions is not allowed at this point. To activate this partition, do the following:

- Power off the managed system.
- Power on the managed system to partition standby.
- Try the activation operation again.

Sample Event 2

Name: IBMHMC_HSCS0003

Message: **Unable to update the attribute on the Serviceable Event**

Severity: WARNING

Response: The HMC could not process your request to make changes to the Serviceable Event. Wait and try the previous function again. If error continues, shut down and restart the HMC. If error persists, call for HMC software support.

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