



Intelligent Event Module™ for IBM® AIX® 5.3

INTELLIGENT EVENT MODULE BASICS

The IBM AIX 5.3 Intelligent Event Module (IEM) enables you to automate real-time monitoring of the IBM® AIX® operating system and capture the critical information you need for effective enterprise management.

The IBM AIX 5.3 IEM provides *ConsoleWorks*® with a watch-list of text messages, including error codes, system warnings, and status alerts, produced by IBM platforms running AIX (versions 4.2 through 5.3). *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 AIX 5.3 IEM AT A GLANCE

Events:	18464
Scans:	1 Master 5 Event Severity
Filename:	<code>cw_iem-ibm_aix53-0001.bin</code>
License Required:	<code>CONWRKS-DB-AIX.lic</code>
Connector Required:	Serial

USING THE IBM AIX 5.3 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.

To Download the IEM

1. Install the license for the IBM AIX 5.3 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 AIX 5.3**.
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_aix53-0001.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_aix53-0001.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 Scans.

To Associate the Scans

Associate the Scans with the AIX 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 AIX53_CRITICAL Scan

1. On the *ConsoleWorks* main menu, click **Manage > Scans > Show Scans**.
2. On the Show Scans page, in the Scans column, click **AIX53_CRITICAL**.
3. On the Scan: AIX53_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 IBM AIX 5.3 IEM

The IBM AIX 5.3 IEM contains a Master Scan and five Event Severity Scans.

Master Scan

The Master Scan, **AIX53**, 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 18,464 Events.

Event Severity Scans

The IBM AIX 5.3 IEM contains five Event Severity Scans. Use one or more of these Scans to monitor AIX systems for Events based on their Severity level.

The IEM provides the following Event Severity Scans:

- AIX53_CRITICAL 14150 Events
- AIX53_MAJOR 33 Events
- AIX53_MINOR 777 Events
- AIX53_WARNING 4 Events
- AIX53_INFORMATIONAL 3500 Events

SAMPLE IBM AIX 5.3 IEM EVENTS

The IBM AIX 5.3 IEM provides you with names, message texts, Severity ratings, causes, explanations, and recommended responses for Events produced by IBM AIX.

This section displays samples of the information you receive for each Event in the IBM AIX 5.3 IEM.

Sample Event 1

Name: AIX53_0016-102
Message: 0016-102
Severity: Critical
Cause: Unable to connect to the SDR. This program is exiting.
Explanation: The `post_process` command was not successful.
Response: Record the above information and contact the IBM Support Center.

Sample Event 2

Name: AIX53_1390-900
Message: 1390-900
Severity: MAJOR
Cause: There is a duplicate network Internet Protocol (IP) address for an Xstation in the `/etc/hosts` file. A second Xstation with the same address is trying to boot.
There are hardware problems.
Explanation: Stack dump in panic.
Response: Edit the `/etc/hosts` file on the host system to correct the duplicate address. Reboot the Xstation.
Run the `errpt -a` command to check for hardware problems on the Xstation.

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