



INTELLIGENT EVENT MODULE BASICS

The BEA WebLogic 9.2 Intelligent Event Module (IEM) enables you to automate real-time monitoring of the BEA® WebLogic® platform and capture the critical information you need for effective enterprise application and Service-Oriented Architecture (SOA) management.

The BEA WebLogic 9.2 IEM provides *ConsoleWorks*® with a watch-list of text messages, including error codes, system warnings, and status alerts, produced by WebLogic 9.2. *ConsoleWorks* watches for these messages, called Events, in the data streams of your managed applications.

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.

BEA WEBLOGIC 9.2 IEM AT A GLANCE

Events:	5469
Scans:	1 Master 8 Event Severity
Filename:	<code>cw_iem-bea_weblogic-0001.bin</code>
License Required:	<code>CONWRKS-DB-WEBLOGIC.lic</code>
Connector Required:	Syslog

USING THE BEA WEBLOGIC 9.2 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 applications you want to manage.

To Download the IEM

1. Install the license for the BEA WebLogic 9.2 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 **BEA WebLogic 9.2**.
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-bea_weblogic-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-bea_weblogic-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 WebLogic applications you want *ConsoleWorks* to monitor. When you associate Scans with an application, you are specifying that *ConsoleWorks* scan the data streams of that application for the Events contained in the Scans.

Example: To associate BEA_CRITICAL Scan

1. On the *ConsoleWorks* main menu, click **Manage > Scans > Show Scans**.
2. On the Show Scans page, in the Scans column, click **BEA_CRITICAL**.
3. On the Scan: BEA_CRITICAL page, in the Unassociated Consoles column, select the check boxes next to the names of the managed applications 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 BEA WEBLOGIC 9.2 IEM

The BEA WebLogic 9.2 IEM contains a Master Scan and eight Event Severity Scans.

Master Scan

The Master Scan, **BEA**, is the top-level Scan. It references all the other Scans in the IEM. When you associate the Master Scan with an application, you are specifying that *ConsoleWorks* scan the data streams of that application for any of the IEM's 5,469 Events.

Event Severity Scans

The BEA WebLogic 9.2 IEM contains eight Event Severity Scans. Use one or more of these Scans to monitor WebLogic applications for Events based on their Severity level.

The IEM provides the following Event Severity Scans:

• BEA_EMERGENCY	70 Events
• BEA_ALERT	98 Events
• BEA_CRITICAL	109 Events
• BEA_ERROR	3101 Events
• BEA_WARNING	802 Events
• BEA_NOTICE	119 Events
• BEA_INFO	1036 Events
• BEA_DEBUG	134 Events

SAMPLE BEA WEBLOGIC 9.2 IEM EVENTS

The BEA WebLogic 9.2 IEM provides you with names, message texts, Severity ratings, causes, explanations, and recommended responses for Events produced by WebLogic 9.2.

The following section displays samples of the information you receive for each Event in the BEA WebLogic 9.2 IEM.

Sample Event 1

Name:	BEA_000359
Message:	<BEA-000359>
Severity:	EMERGENCY
Cause:	Neither the plain nor the SSL port are enabled.
Explanation:	Either the ListenPort on the ServerMBean or the ListenPort on the SSLMBean has to be enabled by setting its associated ListenP
Response:	Enable at least one port to allow user traffic to the server.

Sample Event 2

Name:	BEA_BEA-000306
Message:	<BEA-000306>
Severity:	CRITICAL
Cause:	Cannot use SSL. No certificates have been specified in the WebLogic configuration.
Explanation:	There were no certificates in either the keystore or the Server Certificate File.
Response:	If using a KeyStore for the server certificate, then set the ServerPrivateKeyAlias in the SSL MBean. If using the Server Certificate File, ensure that valid certificates are contained within the file.

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