



INTELLIGENT EVENT MODULE BASICS

The Sun Java System Web Server Intelligent Event Module (IEM) enables you to automate real-time monitoring of the Sun™ Java™ System Web Server (version 6.1) and capture the critical information you need for effective Solaris™ enterprise management.

Note: The Sun Java System Web Server was formerly known as the Sun One Web Server, which was formerly known as the iPlanet Web Server.

The Sun Java System Web Server IEM provides ConsoleWorks® with a watch-list of text messages, including error codes, system warnings, and status alerts, produced by the Sun Java System Web Server. ConsoleWorks watches for these messages, called Events, in the data streams of this server.

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 single Scan, rather than hundreds of individual Events, greatly simplifies managing Events across your enterprise.

SUN JAVA SYSTEM WEB SERVER IEM AT A GLANCE

Events:	2229
Scans:	1 Master 2 Event Severity
Filename:	<code>cw_iem-sun_sunjsws-0002.bin</code>
License Required:	<code>CONWRKS-DB-IPLANET.lic</code>
Connector Required:	Syslog

Note: The Sun Java System Web Server might require additional configuration to enable syslog logging. For more information and configuration instructions, refer to *Sun Java System Web Server 6.1 SP4 Administrator's Guide* (part number 819-0130).

USING THE SUN JAVA SYSTEM WEB SERVER 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 servers you want to manage.

To Download the IEM

1. Install the license for the Sun Java System Web Server 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 **Sun Java System Web Server**.
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-sun_sunjsws-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-sun_sunjsws-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 Scans.

To Associate the Scans

Associate the Scans with the Sun Java System Web Server you want ConsoleWorks to monitor. When you associate Scans with a server, you are specifying that ConsoleWorks scan the data streams of that server for the Events contained in the Scans.

Example: To associate SJSWEB_CRITICAL Scan

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



- On the Scan: SJSWEB_CRITICAL page, in the Unassociated Consoles column, select the check boxes next to the names of the managed servers you want to associate with the Scan.
- Click **Update Scan**.

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

SCANS AVAILABLE IN THE SUN JAVA SYSTEM WEB SERVER IEM

The Sun Java System Web Server IEM contains a Master Scan and two Event Severity Scans.

Master Scan

The Master Scan, **SJSWEB**, is the top-level Scan. It references all the other Scans in the IEM. When you associate the Master Scan with a server, you are specifying that *ConsoleWorks* scan the data streams of that server for any of the IEM's 2,229 Events.

Event Severity Scans

The Sun Java System Web Server IEM contains two Event Severity Scans. Use one or more of these Scans to monitor servers for messages based on the Severity levels of Events.

The IEM provides the following Event Severity Scans:

- SJSWEB_CRITICAL 4 Events
- SJSWEB_WARNING 2225 Events

SAMPLE SUN JAVA SYSTEM WEB SERVER IEM EVENTS

The Sun Java System Web Server IEM provides you with names, message texts, Severity ratings, explanations, and recommended responses for Events produced by the Sun Java System Web Server.

The following section displays samples of the information you receive for each Event in the Sun Java System Web Server IEM.

Sample Event 1

Name: SJSWEB_SYNC006

Message: SYNC006 :

Severity: WARNING

Explanation: Synchronization module subsystem's meta data.xml file is corrupted.

Response: Check and remedy where needed:

synchronization module subsystem's meta-data.xml and na synchronization-meta-data.xml exist in appserv-se.jar and are valid XML files.

Is synchronization-meta-data.xml not part of the server classpath?

Is synchronization-meta-data.xml valid?

Is synchronization-meta-data.xml found in the server classpath not well formed?

Sample Event 2

Name: SJSWEB_SYNC075

Message: SYNC075 :

Severity: WARNING

Explanation: This could be a network communication error or Domain Administration Server is not running.

Response: Ensure that Domain Administration Server is running. If DAS is accessible and the problem persists, back up and remove **applications, generated, config, docroot, and lib** directories in the local repository and restart the server. The local repository will be synchronized again.

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