

Summary

Symptom

Incorrect behavior

Synchronization in the BI Consumer Services (BICS) remote Web service assumes there is a Business Explorer (BEx) application and does not synchronize at session level. As a result, the maximum number of threads in a server may be reached if the timeout is set too high.

Scenario

A dashboard is executed. This leads to a termination in the background because the timeout is set too high and is not reported until it is too late.

Explanation of current behavior

Synchronization is not carried out at session level, rather at global level.

More Terms

BICS remote Web service, Xcelsius, performance, thread, wait(), runtime, dashboard, timeout, deadlock

Cause and Prerequisites

This problem is caused by a program error.

Solution

Behavior after you implement the correction...

The synchronization occurs at session level. As a result, other sessions remain untouched during a wait within a session. Waiting and current threads can still be monitored in the BicsRemoteDebug Servlet. Waiting threads can also be terminated.

Other effects...

There are none.

Delivery...

Important:

- BI Java patches are available only at the highest Support Package level. They are compatible with and can be used in conjunction with lower Support Package levels.
- See **Note 1163789** for information about synchronized patch delivery.
- For information about the synchronization of Support Packages (Java) and BI Support Packages (ABAP), see **Note 1013369**.
- See **Note 1072576** for the FAQs (frequently asked questions).

- o **SAP NetWeaver BI 7.01** (SAP NW BI 7.0 Enhancement Package 1)

Import **Support Package 06** for SAP NetWeaver BI 7.0 Enhancement Package 1 BI Java into your BI system.

The Support Package is available when **Note 1361502** "SAPBINEWS NW 7.0 EhP1 BI JAVA Support Package 06", which describes this Support Package in more detail, is released for customers.

In urgent cases, you can implement the correction instructions by applying BI Java patches:

Apply the BI Java patch SP05 #20 (Support Package 05, patch level 20) for SAP Enhancement Package 1 for NetWeaver 7.0 (7.01) BI Java to your BI system.

Support Package 05 Patch 20 is available when **Note 1382024** "Released - NW 7.01 SPS 05 Patch 20 note for BI Java", which describes this patch in more detail, has been released for customers.

See Note **1309000** for the planned delivery dates of all BI Java patches for SAP Enhancement Package 1 for NetWeaver 7.0 (7.01).

- o **SAP NetWeaver BI 7.11**

Import **Support Package 05** for SAP NetWeaver BI 7.11 BI Java into your BI system.

The Support Package is available when **Note 1387279** "SAPBINEWS NW 7.11 BI JAVA Support Package 05", which describes this Support Package in more detail, is released for customers.

Instructions for implementing this note:

- For information about how to find the patches, see Note 1011241.
- You must redeploy the Software Component Archives (SCAs) BI BASE SERVICES and BI WEBAPPLICATIONS.
- Restart the server after the deployment.

This note is released before the patch is available for download. As soon as the patch containing this correction is available for download, deploy it in your test system.

To provide information in advance, the notes mentioned above may be available before the Support Package is released. The notes contain information about the patch name.

Note 656711 provides further information about deploying Java Support Packages using the Software Deployment Manager (SDM).



Header Data

Release Status: Released for Customer
Released on: 12.11.2009 04:09:57
Master Language: German
Priority: Correction with high priority
Category: Program error
Primary Component: BW-BEX-ET-WJR BEx Web Java Runtime

Additional Components:
BW-BEX-ET-XC Xcelsius Integration

Valid Releases

Software Component	Release	From Release	To Release	and Subsequent
BI-BASE-S	7.00	7.00	7.02	
BI-BASE-S	7.10	7.11	7.11	
SAP_BW	70	700	700	
SAP_BW	701	701	701	
SAP_BW	711	711	711	
SAP_BW	702	702	702	
BIWEBAPP	7.00	7.00	7.02	
BIWEBAPP	7.10	7.11	7.11	

Related Notes

Number	Short Text
1382024	NW 7.01 SP 05 Patch Level (PL) 20 for BI Java
1309000	NW 7.01: BI Java Patch Delivery

Attributes

Attribute	Value
DownPort/UpPort-WF	UpPort check necessary