MainView Products that Run in a BBI-SS PAS

All versions
April 20, 2012

BMC is announcing a new feature in all versions of the following products:

- MainView AutoOPERATOR
- MainView for CICS®
- MainView for DB2®
- MainView for DBCTL
- MainView for IMS™ Online
- MainView for WebSphere® MQ

Enhancement

Typically, MainView collects and records interval data to the history data sets with the intervals synchronized to the top of the hour. The frequency of the intervals is controlled by the value specified in the IRRI parameter (Interval Recorder Recording Interval) in BBPARM member BBIISPnn.

However, system performance can be degraded if multiple BBI-SS product address spaces (PASs) attempt to process interval data simultaneously. A new parameter, IRSYNCH, gives you the ability to stagger recording of interval data across multiple PASs.

NOTE
The next release of the MainView Customization Reference will incorporate the following information into Appendix C, “BBI-SS PAS library members.”
IRSYNCH parameter

The optional IRSYNCH parameter in BBPARM member BBIISPnn specifies how many minutes into the hour to offset the recording interval set by the IRRI parameter:

\[ \text{IRSYNCH} = [0 | nn | QTR | HALF | HOUR] \]

Possible values are as follows:

- 0 (the default, which records data as specified by the IRRI parameter)
- \( nn \) (any value between 1 and 60 minutes)
- QTR (15 minutes)
- HALF (30 minutes)
- HOUR (60 minutes)

For example, assume that IRSYNCH=8 and IRRI=15. Data recording begins 8 minutes after the hour and recurs every 15 minutes, as follows (where \( xx \) represents the hour):

- \( xx:08:00 \)
- \( xx:23:00 \)
- \( xx:38:00 \)
- \( xx:53:00 \)

These parameter settings in BBIISPnn can impact all products running in the BBI-SS PAS that process interval record data. Use the BBI Control command .D P (Display Products) to display the list of active products in a BBI-SS PAS.

**NOTE**

You can specify different IRSYNCH values for different BBI-SS PASs. When you retrieve historical interval data from these PASs, the display contains data from different interval boundaries for the same MVI TIME interval.

BBQIR112I message

The BBQIR112I message, which is displayed in the BBI-SS PAS job log, identifies the IRRI and the IRSYNCH values specified in BBIISPnn:

BBQIR112I  Recording interval is 15 minutes, offset is 8 minutes
Enabling the enhancement

1. To stagger interval data collection, download and apply PTFs BQI1311 and BPL2074.

BMC recommends using BMC Internet Service Retrieval (ISR) to obtain PTFs. However, you can also obtain them from eFix PTF Distribution Services (eFix); you can access eFix directly at http://apps.bmc.com/support/efix.cgi or from the support site.

**NOTE**

If you have questions, contact Customer Support at 1 800 537 1813 (United States or Canada) or call your local support center.

2. Issue the following BBI Control command to determine which BBIIISP*nn* member is in use by the BBI-SS PAS:

```
.D  BB, L
```

3. Specify a value for the IRSYNCH parameter in the BBIIISP*nn* member that you identified in step 2.

4. Restart the BBI-SS PAS to enable the change (performing either a WARM or a COLD start).

Where to get the latest product information

To view the latest BMC documents, see the Support Central website at http://www.bmc.com/support. Notices such as flashes, technical bulletins, and release notes are available on the website. You can subscribe to proactive alerts to receive e-mail messages when notices are issued or updated. For more information about proactive alerts, see the Support Central website.