EXTENDED BUFFER MANAGER for DB2 and SNAPSHOT UPGRADE FEATURE for DB2

Version 6.1.00 and 6.2.00
March 10, 2016

Running EXTENDED BUFFER MANAGER or SNAPSHOT UPGRADE FEATURE with zIIP processing enabled on an IBM z/OS Version 2.2 system might cause IBM DB2 (and other systems running under z/OS) to abend.

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A serious problem that occurs during use of the following products requires immediate attention:
- EXTENDED BUFFER MANAGER for DB2 (XBM)
- SNAPSHOT UPGRADE FEATURE for DB2 (SUF)

**Note**
Neither XBM nor SUF cause the problem. BMC will not release a PTF.

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**Issue**

The IBM DB2 subsystem and other systems running under z/OS might abend when the following conditions exist:
- You are using IBM z/OS Version 2.2.
- You are using XBM or SUF with IBM System z Integrated Information Processor (zIIP).

Known symptoms include abends S04F, S05E, or S073.

EXTENDED BUFFER MANAGER does not cause this problem. Due to the way that XBM interacts with the problematic IBM system code, the problem appears more frequently when XBM runs with zIIP processing enabled.

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**Resolution**

Applying IBM APAR OA50032 resolves this issue.
IBM is expected to release the PTF in about two weeks. Until then, you can seek relief through IBM Media Manager Support, or use the workarounds provided in the next section.
Installing the IBM fix will require an IPL.

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**Workaround**

As a workaround, disable zIIP processing in XBM and SUF before running z/OS 2.2.

To disable zIIP processing, issue the following IBM MVS command to each XBM that `xbmid` identifies:

```
xbmid STOP COMP ZIIP
```

After you install the IBM fix, issue the following MVS command to enable XBM ZIIP processing:

```
xbmid START COMP ZIIP
```

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**Note**

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

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**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.

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