APPTUNE for DB2, CATALOG MANAGER for DB2, MainView for DB2, SQL Explorer for DB2, and SQL Performance for DB2

Version 11.1.00
Component: Common Explain
May 20, 2014

Tracking number QM001820379: A new Explain option can display information about whether your SQL is eligible to run on an IBM DB2 Analytics Accelerator

BMC is announcing a new feature in the Common Explain component of the following products:

- APPTUNE for DB2
- CATALOG MANAGER for DB2
- MainView for DB2
- SQL Explorer for DB2
- SQL Performance for DB2

Overview of the new Explain option

PTFs BPU6612 and BPU6617 add a new option, Acceleration Detail, to the product’s Explain Options panel. If you set Acceleration Detail to Y (yes), your Explain results indicate whether the SQL statement is eligible to run on an IBM DB2 Analytics Accelerator. (In addition to supporting actual accelerators, the new option supports Accelerator Modeling, enabled via the ACCELMODEL system parameter.) The displayed information can also indicate the name of the accelerator to be used, if applicable. Examples follow:

- **BMC1844011**-The query will be sent to the accelerator.

- **BMC1843971**-The query will be sent to Accelerator `<acceleratorServerName> <acceleratorServerLocation>`. 
Obtaining the new feature

Use the following procedure to obtain the new feature:

1. **Apply PTFs BPU6612 and BPU6617.**
   BMC recommends using BMC Internet Service Retrieval (ISR) to obtain PTFs. For information about ISR, see your product’s installation guide. You can also obtain PTFs from eFix PTF Distribution Services (eFix); you can access eFix directly at http://apps.bmc.com/support/efix.cgi or from the support site.

2. **Perform a DB2 BIND of package PSSXSQL using the updated DBRMLIB in this SPE.**
   For an example of the BIND statement for this package, see the DAAssidP member in the UBBSAMP or BMCSAMP dataset (where ssid is the DB2 subsystem name).
3 Perform a DB2 GRANT on the BMCPERF database that Common Explain uses, as follows:

```
GRANT CREATETS ON DATABASE BMCPERF TO PUBLIC
```

The new GRANT enables automatic creation of DSN_QUERYINFO_TABLE auxiliary tables in a new TABLESPACE.

*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](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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