Chapter 1. Documentation updated in this techdoc

This document updates the *Configuration and Customization* manual for IBM OMEGAMON for DB2 on z/OS Performance Expert and Performance Monitor, V5.4.0, Publication Number GH12-7072. Note: This enhancement applies only to sites using DB2 11 and later.

The following sections update Chapter 19, "Migrating from OMEGAMON® XE for DB2® PE version 5.2.0 to version 5.4.0," and Chapter 20, "Migrating from OMEGAMON XE for DB2 PE version 5.3.0 to version 5.4.0."

Note: The hyperlinks in this techdoc do not navigate; the linked sections are available in the full documentation set for OMEGAMON XE for DB2 PE. The purpose of this document is to describe the steps involved in migrating to V5.4.0 from an earlier version.

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Chapter 2. Migrating from OMEGAMON XE for DB2 PE version 5.2.0 to version 5.4.0

Migrating from OMEGAMON XE for DB2 PE V5.2.0 to OMEGAMON XE for DB2 PE V5.4.0 requires you to upgrade several components by following these steps:

- Installing the SMP/E
- Upgrading the runtime environment in PARMGEN

The following steps must also be performed if you have installed the components:

- Upgrading Tivoli® Enterprise Monitoring Agent
- "Upgrading the Performance Database"
- Updating the Performance Expert Client
- Upgrading the Performance Expert Agent for DB2 Connect™ Monitoring
- Upgrading IBM® Tivoli Monitoring components
- Migrating user-tailored report (UTR) layouts

Upgrading the Performance Database

If you created a Performance Database for the earlier version, you can partially upgrade it for V5.4.0.

About this task

Note: If possible, start with the new V5.4.0 of Performance Database tables, because many changes were applied to the data model between version V5.2.0 and V5.4.0.

If you start with V5.4.0 Performance Database tables, you do not have to upgrade. Instead, do the following:

- Use the sample CREATE and LOAD parts in library RKO2SAMP (RTE) and customize them according to your needs.
- If you work with Accounting and Statistics SAVE tables, use the SAVE file conversion utility that is shipped with version 5.4.0.

If you created a Performance Database for the earlier version and want to use the data stored in tables in the new version, you must manually upgrade it for version V5.4.0 by following these steps:

1. Request the current V5.3.0 library RKO2SAMP (RTE) library from IBM support.
2. Apply the migration steps of version V5.2.0 to version V5.3.0 as described in sub-chapter "Upgrading the Performance Database" of "Chapter 20. Migrating from OMEGAMON XE for DB2 PE version 5.2.0 to version 5.3.0" in *IBM Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS IBM / Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS Version 5.3.0 Configuration and Customization.* Note that two new LOAD members DGOSLMGE and DGOSLMST are available in V5.3.0 library RKO2SAMP (RTE), that support the split and migration of statistics tables DB2PM_STAT_GENERAL and DB2PM_STAT_STORAGE.
3. Execute the ALTER TABLE statements (that apply to version V5.3.0) to add columns as listed in members (DGO*UPDB) in the V5.3.0 library RKO2SAMP (RTE).

4. Execute the ALTER TABLE statements (that apply to version V5.4.0) to add or drop columns as listed in members (DGO*UPDB) in the V5.4.0 library RKO2SAMP (RTE).

5. To populate the modified tables with new data, do the following:
   - Use the LOAD parts of the new version and change them according to your needs.
   - If you work with Accounting and Statistics SAVE tables, use the SAVE file conversion utility that is shipped with the new version.

Chapter 3. Migrating from OMEGAMON XE for DB2 PE version 5.3.0 to version 5.4.0

Migrating from OMEGAMON XE for DB2 PE V5.3.0 to V5.4.0 requires you to upgrade several components:
- Installing the SMP/E
- Upgrading the runtime environment in PARMGEN

The following steps must also be performed if you have installed the components:
- Upgrading Tivoli Enterprise Monitoring Agent
- "Upgrading the Performance Database"
- Updating the Performance Expert Client
- Upgrading the Performance Expert Agent for DB2 Connect Monitoring
- Upgrading IBM Tivoli Monitoring components
- Migrating user-tailored report (UTR) layouts

Upgrading the Performance Database

If you created a Performance Database for version V5.3.0, you can partially upgrade it for V5.4.0.

About this task

If you start with the new version of Performance Database tables, you do not have to upgrade. Instead, follow these steps:
- Use the sample CREATE and LOAD parts in library RKO2SAMP (RTE) and customize them according to your needs.
- If you work with Accounting and Statistics SAVE tables, use the SAVE file conversion utility that is shipped with the new version of OMEGAMON XE for DB2 PE.

If you created a Performance Database for the earlier version and want to use the data stored in tables in the new version, you must manually upgrade it for version V5.4.0:
1. Request the current V5.3.0 library RKO2SAMP (RTE) library from IBM support.
2. Execute the ALTER TABLE statements (that apply to version V5.3.0 and have not been executed so far) to add columns as listed in members (DGO*UPDB) in the V5.3.0 library RKO2SAMP (RTE).
3. Execute the ALTER TABLE statements (that apply to version V5.4.0) to add or drop columns as listed in members (DGO*UPDB) in the V5.4.0 library RKO2SAMP (RTE).
4. To populate the modified tables with new data, do the following:
   - Use the LOAD parts of the new version and change them according to your needs.
   - If you work with Accounting and Statistics SAVE tables, use the SAVE file conversion utility that is shipped with the new version.