

R4.4 DB2 TDR Patch 4.4.0.2 NON-Partitioned Upgrade Instructions

Files contained in this patch:

File	Rationale
R4.4_DB2_TDR_patch_4.4.0.2_NON-Partitioned Upgrade_Instructions.pdf	this file
step_1_alter_transactions.ddl	Modify Transaction tables to support MSG API version 04.04.03. REORG Statements will be executed
step_2_change_yxx_to_ixx.ddl	This script performs the necessary steps to rename and alter the YXX tables to IXX. REORG Statements will be executed
step_3_create_oxx_tables.ddl	Create new OXX tables. This file must be modified to include the correct tablespace names, if the Preinstall Instructions are not followed.
step_4_create_oxx_indexes.ddl	Create new OXX table indexes
step_5_create_oxx_constraints.ddl	Create new OXX table Primary Key constraints
step_6_new_authorizations.sql	Applies authorizations for new tables.
step_7_dml.sql	Add new version numbers for SAS FM 4.4 M0 HF2 and MSG API 04.04.03.

Preinstall instructions:

- For new tables, the following tablespaces must be created, or the script step_3_create_oxx_tables.ddl must be modified to contain valid tablespaces

Data Tablespaces		
TS_BRST_OXX_32k	TS_CSDP_OXX_32k	TS_MANM_OXX_32k
TS_CCBF_OXX_32k	TS_CSMF_OXX_32k	TS_NAME_OXX_32k
TS_CCCA_OXX_32k	TS_CSNM_OXX_32k	TS_NAMF_OXX_32k
TS_CCCP_OXX_32k	TS_CSSH_OXX_32k	TS_NAMO_OXX_32k
TS_CCDP_OXX_32k	TS_LCBF_OXX_32k	TS_NAMP_OXX_32k
TS_CCMF_OXX_32k	TS_LCCA_OXX_32k	TS_NANM_OXX_32k
TS_CCNM_OXX_32k	TS_LCCK_OXX_32k	TS_SLBF_OXX_32k
TS_CCSH_OXX_32k	TS_LCCP_OXX_32k	TS_SLCA_OXX_32k
TS_CSAB_OXX_32k	TS_LCCW_OXX_32k	TS_SLCK_OXX_32k
TS_CSAE_OXX_32k	TS_LCDP_OXX_32k	TS_SLCP_OXX_32k
TS_CSBF_OXX_32k	TS_LCMF_OXX_32k	TS_SLCW_OXX_32k
TS_CSCA_OXX_32k	TS_LCNM_OXX_32k	TS_SLDP_OXX_32k
TS_CSCK_OXX_32k	TS_LCSH_OXX_32k	TS_SLMF_OXX_32k
TS_CSCP_OXX_32k	TS_MAFM_OXX_32k	TS_SLNM_OXX_32k
TS_CSCW_OXX_32k	TS_MAMF_OXX_32k	TS_SLSH_OXX_32k

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Index Tablespaces		
IX_BRST_OXX_8K	IX_CSDP_OXX_8K	IX_MANM_OXX_8K
IX_CCBF_OXX_8K	IX_CSMF_OXX_8K	IX_NAME_OXX_8K
IX_CCCA_OXX_8K	IX_CSNM_OXX_8K	IX_NAMF_OXX_8K
IX_CCCP_OXX_8K	IX_CSSH_OXX_8K	IX_NAMO_OXX_8K
IX_CCDP_OXX_8K	IX_LCBF_OXX_8K	IX_NAMP_OXX_8K
IX_CCMF_OXX_8K	IX_LCCA_OXX_8K	IX_NANM_OXX_8K
IX_CCNM_OXX_8K	IX_LCCK_OXX_8K	IX_SLBF_OXX_8K
IX_CCSH_OXX_8K	IX_LCCP_OXX_8K	IX_SLCA_OXX_8K
IX_CSAB_OXX_8K	IX_LCCW_OXX_8K	IX_SLCK_OXX_8K
IX_CSAE_OXX_8K	IX_LCDP_OXX_8K	IX_SLCP_OXX_8K
IX_CSBF_OXX_8K	IX_LCMF_OXX_8K	IX_SLCW_OXX_8K
IX_CSCA_OXX_8K	IX_LCNM_OXX_8K	IX_SLDP_OXX_8K
IX_CSCK_OXX_8K	IX_LCSH_OXX_8K	IX_SLMF_OXX_8K
IX_CSCP_OXX_8K	IX_MAFM_OXX_8K	IX_SLNM_OXX_8K
IX_CSCW_OXX_8K	IX_MAMF_OXX_8K	IX_SLSH_OXX_8K

- Backup the TDR database.

Post Install instructions:

- Review all log files for errors

Steps to Install the patch:

- Extract the tar/gunzip the file tdr_db2_base_upgrade_4.4.0.2.tar.gz
- cd to the patches directory

```
cd sasfmc/tdr/patches/patch_4.4.0.2/Non-Partitioned
```

- Run:

```
db2 connect to <dbname> user <username>
db2 set current schema <schema_owner>
db2 set current path <schema_owner>,sysibm,sysfun
```

```
# Modify Transaction tables to support MSG API version 04.04.03. REORG Statements will be executed
```

```
db2 -tvf step_1_alter_transactions.ddl > step_1_alter_transactions.log
```

```
*** Check Log file for errors ****
```

```
# This script performs the necessary steps to rename and alter the YXX tables to IXX. REORG Statements will be executed
```

```
db2 -tvf step_2_change_yxx_to_ixx.ddl > step_2_change_yxx_to_ixx.log
```

```
*** Check Log file for errors ****
```

```
# Create new OXX tables. This file must be modified to include the correct tablespace names, if the Preinstall Instructions are not followed
```

```
db2 -tvf step_3_create_oxx_tables.ddl > step_3_create_oxx_tables.log
```

```
*** Check Log file for errors ****
```

```
# Create new OXX table indexes
```

```
db2 -tvf step_4_create_oxx_indexes.ddl > step_4_create_oxx_indexes.log
```

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*** *Check Log file for errors* ***

Create new OXX table Primary Key constraints

db2 -td@ -f step_5_create_oxx_constraints.ddl > step_5_create_oxx_constraints.log

*** *Check Log file for errors* ***

Applies authorizations for new tables and functions

db2 -tvf step_6_new_authorizations.sql > step_6_new_authorizations.log

*** *Check Log file for errors* ***

Add new version numbers for SAS FM 4.4 M0 HF2 and MSG API 04.04.03.

db2 -tvf step_7_dml.sql > step_7_dml.log

*** *Check Log file for errors* ***