

## DB2 10 for z/OS: Skip-Level Migration

May move from V8 to DB2 10,  
but just because you can, doesn't mean you always should....

Data sharing mixed release coexistence fully supported  
V8/10 or V9/10

Key considerations:



- Risk/reward analysis
  - What's the risk? Tolerance level?
  - How will you do it? What's your mitigation plan? Are ISVs ready?
  - What workloads do you need to test and can you test them properly?
  - Am I missing out on DB2 9 value in the meantime?
- Migration cost savings is not 2x versus two migrations
  - Migration considerations for two releases still apply
  - Larger migration project, longer migration timeline
  - Applications and ISVs may not be ready

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## Key Details About DB2 10: Getting Ready

Prerequisites: migrate from DB2 9 for z/OS or DB2 for z/OS V8

- z/OS V1.10 SMS-managed DB2-managed DB2 catalog
- System z10, z9, z890, z990, and above (no z800, z900)
- DB2 Connect 9 FP1, 9.7 FP3 for many 10 functions, FP2 beta
- IMS 10 & 11 (not 9) CICS compilers (See announcement)
- Info APARs for migration II14477 (9), II14474 (8)
- SPE PK56922 PK69411 PK61766 PK85956 PM04680 PK87280 PK87281 PM08102 PM08105
- Premigration check DSNTIJPA PM04968

Items deprecated in earlier versions eliminated: more for V8 mig.

- Private protocol → DRDA (DSNTP2DP, PK92339, PK64045)
- Old plans and packages V5 or before → REBIND
- Plans containing DBRMs → packages PK62876 PK79925 (V8)
- ACQUIRE(ALLOCATE) → ACQUIRE(USE)
- Old plan table formats → DB2 V8 or 9, Unicode, 59 cols PK85068
- BookManager use for DB2 publications → Info Center, pdf

## LOB Enhancements at a Glance

### DB2 V8

Load/Unload support for  
File Reference  
Variables (FRV)

### DB2 9

Implicit DDL for LOBs  
Load/Unload FRV performance  
SQL support for FRV  
LOB lock avoidance  
Faster preformatting  
LOB APPEND  
Progressive LOB Streaming  
FETCH CONTINUE  
REORG SHRLEVEL REFERENCE  
Online CHECK LOB

### DB2 10

Inline LOBs  
Index on expression  
Spatial performance  
DEFINE NO  
REORG SHRLEVEL CHANGE  
REORG AUX YES  
LOB materialization avoidance  
Faster LOAD of FRV  
LOAD/UNLOAD support for  
RECFM=VBS

Thank  
You

