

# TDMF for z/OS

## What's New in Version 4?

### Unification of all Replicator Functions

With the integration of all previous Replicator Version 3 functions into the TDMF Version 4 base product, customers will now enjoy multiple data mobility solutions in one single product including:

- Point-In-Time replications
- Perpetual Point-In-Time replications
- Offline Volume Access
- TCP/IP replications to remote systems

### Migration of EMC<sup>®</sup> AutoSwap<sup>™</sup> controlled volumes

TDMF now allows the migration of AutoSwap controlled volumes that are also part of an EMC Consistency Group. This new support reduces the AutoSwap outage to the amount of time necessary to quiesce, synchronize, and swap the volume pairs: the DISABLE and ENABLE commands are dynamically issued by the product. As a result of this new support, multiple volumes within a single Consistency Group or multiple volumes within multiple Consistency Groups can be migrated and swapped without intervention.

### Protection for EMC Devices Active with Symmetrix<sup>®</sup> Remote Data Facility (SRDF<sup>®</sup>)

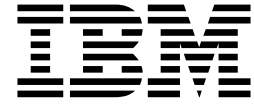
TDMF will now dynamically detect the absence of the necessary Application Program Interface (API) required for proper detection of EMC SRDF devices. If TDMF detects the API code is installed, but has never been activated, the session will terminate. The EMC API, if required for use by SRDF, must have been started at least once on every LPAR involved in the migration session since the LPAR was IPL'd, although it is not required to always be active.

### Migration of GDPS/PPRC HyperSwap controlled volumes

TDMF will now allow the migration of a group of HyperSwap controlled volumes, if the GDPS software is at the correct release and maintenance levels. With this new support, the GDPS/PPRC HyperSwap environment is not suspended during the volumes' copy and refresh phases; the length of time that HyperSwap is disabled is that taken to quiesce, synchronize and swap the volumes, plus the usual time required from issuing the "HYPERSW ON" command until the volumes have become HyperSwap prepared.

### New Resource Manager Component

This new component and respective modules improve the cleanup of Unit Control Blocks (UCBs) even if a TDMF session is FORCED or CANCELED twice.



### **New Online Target Option for Point-In-Time Replications**

Responding to our customers' requests regarding Point-In-Time (PIT) replications, a new option allows that after completion of the Point-In-Time, the target volume will be left in an online state. The default is the volume will be placed in an offline state, which is consistent with previous versions of TDMF and Replicator.

### **Dynamic Changing of Number of Concurrent Volumes**

Responding to our customers' requests, we now provide the ability to dynamically change the number of concurrent volumes active in a session via the TDMF TSO Monitor. The area on the Session Status screen that displays the Number of Concurrent Volumes allows input to dynamically change this value.

### **z/OS V1.9 Operating System Support**

This support enables customers to take advantage of the latest operating system, and its features and functions.