



BrickStor SP TDM Upgrade Procedure

Version 23.6



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About

This guide outlines the necessary steps for upgrading current TDM-enabled datasets to the updated TDM version introduced in Release 23.6. If you're utilizing TDM-enabled datasets and transitioning to version 23.6, following this process is **essential** to maintain optimal system performance.

TDM Upgrade Procedure

- 1) Ensure the BrickStor SP is freshly upgraded to version 23.6.
- 2) Access the BrickStor SP via SSH from the command line.
- 3) Stop TDM services using these commands:
 - a. Disable 'tdmd': ``svcadm disable tdmd``
 - b. Disable 'tdmfopsd': ``svcadm disable tdmfopsd``
- 4) Initiate the TDM upgrade process using the command:
 - a. ``tdmadm ds upgrade --logfile <destination> <path (optional)> --filegroupsize ## --numberoffiles ##``
 - b. Flags:
 - i. ``<path>``: Apply the upgrade to selected datasets; leave blank to upgrade all datasets.
 - ii. ``--dry-run``: Simulates the upgrade without modifying files.
 - iii. ``--numfiles=#``: Limits the number of files upgraded; applies to specified datasets or all datasets if not specified.
 - c. The tool creates automatic snapshots for every few files to address potential corruption.
 - d. To restore a corrupted file, access the snapshot from:
 - i. `meta/tdm/<dataset guid>/upgrade.`
- 5) If the upgrade fails:
 - a. Revert to the latest uncorrupted auto-generated snapshot.
 - b. Resume from **Step 3** for incremental upgrades.