

QoreStor Refcount Script - Quick Reference

TL;DR

This script migrates refcount data between standard and alternate QoreStor layouts, with support for scan-only, dry-run, and live modes. It copies data safely, verifies integrity, and updates `/etc/oca/oca.cfg` with the correct `TGTSSDDIR` and `PLATFORM_DS_REFCNTS_ON_SSD` settings.

Usage

`script.sh [--dry-run] [--scan-only] [--checksum-verify] [MOUNTPoint]`

Options:

- `--dry-run` Simulate copy/verify and preview config changes.
- `--scan-only` Scan refcnt sizes only.
- `--checksum-verify` Stronger verification using checksum.
- `MOUNTPoint` Target mount path for SSD.

Key Features

- Auto-detects Standard vs Alternate layouts.
- Scans refcnt sizes across repositories.
- Copies data with `rsync` + progress bar (live) or simulated bar (dry-run).
- Verifies data (optionally with checksums).
- Updates config safely (backup, replace-or-insert `TGTSSDDIR`, set `PLATFORM_DS_REFCNTS_ON_SSD=1`).
- Controls `ocards` service: stop before copy, start after config update.
- Logs everything to `/var/log/oca_edit/`.

Workflow

1. Detect repo layout from `/etc/oca/oca.cfg`.
2. Scan refcnt directories and compute total size.
3. (Dry-run) Simulate `rsync`, show progress, preview config edits.
4. (Live) Stop service, copy refcnt data, verify (if enabled).
5. Update `/etc/oca/oca.cfg` safely.
6. Restart service and confirm operational state.
7. Print run summary + log path.