

DMCC Operator Cheat Sheet

Version 1.0.0

Fast operational reference for trained DMCC migration operators. Use the full Technical & User Guide for setup, licensing and advanced troubleshooting.

BEFORE YOU START Installed Edition: License status = LICENSE_ACTIVATION_VALID, DMCCWorker Running, local listener available. All editions: source/target PACS configured and C-ECHO tested. Trial: confirm TrialRemaining before creating a Draft job.

Normal Migration Workflow

Step	Action	Check
1	PACS Connections	Source/target AE, IP and port correct; C-ECHO passes.
2	Inventory	Set source/target and filters; Run C-FIND Scan.
3	Check scope	Compare Matching count with Preview count.
4	Create Draft	Pilot: Visible Preview Only. Production: Full Filtered Inventory. Trial: requested count must not exceed TrialRemaining.
5	Operations	Select Draft job; Start Selected Job(s).
6	Monitor	Queued -> Receiving -> Spooled -> Forwarding -> Validating -> Completed.
7	Exceptions	Investigate Failed/Partial before Retry. Skip only approved exceptions.
8	Finish	Run Reports Center full sequence; review final-state and evidence bundle.

Status Quick Reference

Status	Meaning	Action
Queued	Waiting	Wait; if stuck check job/worker/license/throttle.
Receiving	Source retrieval/inbound C-STORE	Check source routing if stuck.
Spooled	Local files found/checking	Normally transient.
Forwarding	Sending to target	Check target C-STORE if stuck/fails.
Validating	Checking target	Allow retry/delay; inspect target visibility.
Completed	Successful final state	No routine action.
Failed	Error	Investigate -> fix cause -> Retry if appropriate.

Status	Meaning	Action
Partial	Incomplete/uncertain	Investigate source/spool/target/validation.
Skipped	Operator-approved exception	Document and reconcile; not success.

First-Line Troubleshooting

Problem	First checks
Nothing is moving	DMCCWorker; license; job Pending/Running; local listener; throttle. Trial: confirm allowance remains.
C-FIND empty	Source C-ECHO; filters/date; source query permission.
C-MOVE fails	Source knows DMCC AE/IP/11115 and allows move.
C-MOVE succeeds, no files	Inbound C-STORE, listener/firewall, spool.
Files received, target empty	Target C-ECHO, ForwardingStarted, C-STORE responses.
Repeated failures	Stop repeated retry; reduce concurrency; isolate one UID; compare PACS logs.

Installed Edition Commands

```
Get-Service DMCCWorker
Get-NetTCPConnection -LocalPort 11115 -State Listen -ErrorAction SilentlyContinue
```

Remember Pause stops assignment of new queued studies; active work may finish. Skip is an exception, not a successful migration. Force-resume/throttle overrides should be used only after the cause of failures is reviewed.

End-of-Run Checklist

- Queued and In Progress counts reviewed.
- Failed and Partial items resolved or formally accepted.
- Skipped list reviewed with reasons.
- Final-state report generated.
- Destination reconciliation completed according to project procedure.
- Evidence bundle generated and archived.
- License/installation records retained for Installed Edition.

Information to Capture for a Problem

- Study Instance UID
- Job ID
- Source and target PACS
- Exact DMCC status
- Timestamp/timezone
- Study Timeline
- Relevant logs / Export Diagnostic Bundle output
- Current concurrency and retry settings