

Quick Start Guide: QoreStor Dictionary Health Script

This quick start guide summarizes how to use the System Cleaner Status script to check system storage, metadata, and cleaner progress.

Run the Script

Execute the script with one of the following commands:

1. Default Mode (shows all info)
`$. /dictionary_health_check_<version>.sh`
2. Local cleaner stats only
`$. / dictionary_health_check_<version>.sh --local`
3. Cloud cleaner stats only
`$. / dictionary_health_check_<version>.sh --cloud`

Script Output Includes

- System Name, ID, Version, Build
- Main and Metadata storage usage (device, size, available space)
- Deduplication dictionary size and key utilization (% used)
- Cleaner phase statistics (`pl`, `nl`, `zl`, `cl`)
- Local and Cloud cleaner status (active or idle)

Prerequisites

Ensure the following tools are installed and available in PATH:

- system
- ctrlrpc
- df, awk, grep, cut, sed, find

Typical Output

System Information

System Name: QS-Node1

System ID: 12345

Version: 5.4.2

Build: 2025-09-22

Main Data location: /QSdata

Device: /dev/sda1

Size Used Avail Use%

1.0T 500G 500G 50%

Dictionary Size: 256.30 GiB

Used Dictionary Keys: 2,850,000,000

Percent Used: 24.9%

Troubleshooting

- "Error: could not determine metadata location." → Ensure `system --show` outputs valid metadata info.
- "File 'dict2' not found." → Verify the deduplication dictionary file exists.
- Invalid mode error → Use only `--local` or `--cloud` options.