

## 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.