

NAME

cache_check - validates cache metadata on a device or file.

SYNOPSIS

```
cache_check [options] {device|file}
```

DESCRIPTION

cache_check checks cache metadata created by the device-mapper cache target on a device or file.

This tool cannot be run on live metadata.

OPTIONS**-h, --help**

Print help and exit.

-V, --version

Output version information and exit.

-q, --quiet

Suppress output messages, return only exit code.

--super-block-only

Only check the superblock.

--skip-hints

Skip checking of the policy hint values metadata.

--skip-discards

Skip checking of the discard bits in the metadata.

--clear-needs-check-flag

Clears the 'needs_check' flag in the superblock.

The kernel may set a flag to force the pool to be checked before it's next activated. Set this switch to clear the flag if the check is successful. If the metadata check failed, the flag is not cleared and a `cache_repair` run is needed to fix any issues. After `cache_repair` succeeded, you may run `cache_check` again.

EXAMPLE

Analyses and repairs cache metadata on logical volume `/dev/vg/metadata`:

```
$ cache_check /dev/vg/metadata
```

The device may not be actively used by the target when running.

DIAGNOSTICS

cache_check returns an exit code of 0 for success or 1 for error.

SEE ALSO

cache_dump(8), **cache_repair(8)**, **cache_restore(8)**

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