

CEPH-MDS – CEPH METADATA SERVER DAEMON

SYNOPSIS

ceph-mds -i *name* [[-hot-standby [*rank*]]][*-journal_check rank*]

DESCRIPTION

ceph-mds is the metadata server daemon for the Ceph distributed file system. One or more instances of ceph-mds collectively manage the file system namespace, coordinating access to the shared OSD cluster.

Each ceph-mds daemon instance should have a unique name. The name is used to identify daemon instances in the ceph.conf.

Once the daemon has started, the monitor cluster will normally assign it a logical rank, or put it in a standby pool to take over for another daemon that crashes. Some of the specified options can cause other behaviors.

If you specify hot-standby or journal-check, you must either specify the rank on the command line, or specify one of the mds_standby_for_[rank|name] parameters in the config. The command line specification overrides the config, and specifying the rank overrides specifying the name.

OPTIONS

-f, --foreground

Foreground: do not daemonize after startup (run in foreground). Do not generate a pid file. Useful when run via **ceph-run(8)**.

-d

Debug mode: like -f, but also send all log output to stderr.

-c ceph.conf, --conf=ceph.conf

Use *ceph.conf* configuration file instead of the default */etc/ceph/ceph.conf* to determine monitor addresses during startup.

-m monaddress[:port]

Connect to specified monitor (instead of looking through ceph.conf).

AVAILABILITY

ceph-mon is part of the Ceph distributed file system. Please refer to the Ceph documentation at <http://ceph.com/docs> for more information.

SEE ALSO

ceph(8), **ceph-mon(8)**, **ceph-osd(8)**