CEPH-CONF – CEPH CONF FILE TOOL

SYNOPSIS

ceph-conf -c *conffile* –list-all-sections
ceph-conf -c *conffile* -L
ceph-conf -c *conffile* -l *prefix*
ceph-conf *key* -s *section1* …
ceph-conf [-s *section*] –lookup *key*
ceph-conf [-s *section*] *key*

DESCRIPTION

ceph-conf is a utility for getting information about a ceph configuration file. As with most Ceph programs, you can specify which Ceph configuration file to use with the -c flag.

ACTIONS

ceph-conf will perform one of the following actions:

–list-all-sections or -L prints out a list of all the section names in the configuration file.

–list-sections or -l prints out a list of all the sections that begin with a given prefix. For example, –list-sections mon would list all sections beginning with mon.

–lookup will search the configuration for a given value. By default, the sections that are searched are determined by the Ceph name that we are using. The Ceph name defaults to client.admin. It can be specified with –name.

For example, if we specify –name osd.0, the following sections will be searched: [osd.0], [osd], [global]

You can specify additional sections to search with –section or -s. These additional sections will be searched before the sections that would normally be searched. As always, the first matching entry we find will be returned.

Note: –lookup is the default action. If no other actions are given on the command line, we will default to doing a lookup.

EXAMPLES

To find out what value osd 0 will use for the "osd data" option:

```
ceph-conf -c foo.conf  --name osd.0 --lookup "osd data"
```

To find out what value will mds a use for the "log file" option:

```
ceph-conf -c foo.conf  --name mds.a "log file"
```

To list all sections that begin with osd:

```
ceph-conf -c foo.conf -l osd
```

To list all sections:

```
ceph-conf -c foo.conf -L
```

AVAILABILITY

ceph-conf 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), mkcephfs(8)