

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 ] [-r] -lookup key
ceph-conf [-s section ] key
```

DESCRIPTION

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

Note that unlike other ceph tools, **ceph-conf** will *only* read from config files (or return compiled-in default values)—it will *not* fetch config values from the monitor cluster. For this reason it is recommended that **ceph-conf** only be used in legacy environments that are strictly config-file based. New deployments and tools should instead rely on either querying the monitor explicitly for configuration (e.g., `ceph config get <daemon> <option>`) or use daemons themselves to fetch effective config options (e.g., `ceph-osd -i 123 --show-config-value osd_data`). The latter option has the advantages of drawing from compiled-in defaults (which occasionally vary between daemons), config files, and the monitor's config database, providing the exact value that that daemon would be using if it were started.

ACTIONS

ceph-conf performs one of the following actions:

-L, --list-all-sections

list all sections in the configuration file.

-l, --list-sections **prefix**

list the sections with the given *prefix*. For example, `--list-sections mon` would list all sections beginning with `mon`.

--lookup **key**

search and print the specified configuration setting. Note: `--lookup` is the default action. If no other actions are given on the command line, we will default to doing a lookup.

-h, --help

print a summary of usage.

OPTIONS

-c **conffile**

the Ceph configuration file.

--filter-key **key**

filter section list to only include sections with given *key* defined.

--filter-key-value **key** ``=*`` **value**

filter section list to only include sections with given *key/value* pair.

--name **type.id**

the Ceph name in which the sections are searched (default 'client.admin'). For example, if we specify `--name osd.0`, the following sections will be searched: `[osd.0]`, `[osd]`, `[global]`

-r, --resolve-search

search for the first file that exists and can be opened in the resulted comma delimited search list.

-s, --section

additional sections to search. 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.

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
```

To print the path of the “`keyring`” used by “`client.0`”:

```
ceph-conf --name client.0 -r -l keyring
```

FILES

`/etc/ceph/$cluster.conf`, `~/.ceph/$cluster.conf`, `$cluster.conf`

the Ceph configuration files to use if not specified.

AVAILABILITY

ceph-conf is part of Ceph, a massively scalable, open-source, distributed storage system. Please refer to the Ceph documentation at <http://ceph.com/docs> for more information.

SEE ALSO

[ceph\(8\)](#),