



链滴

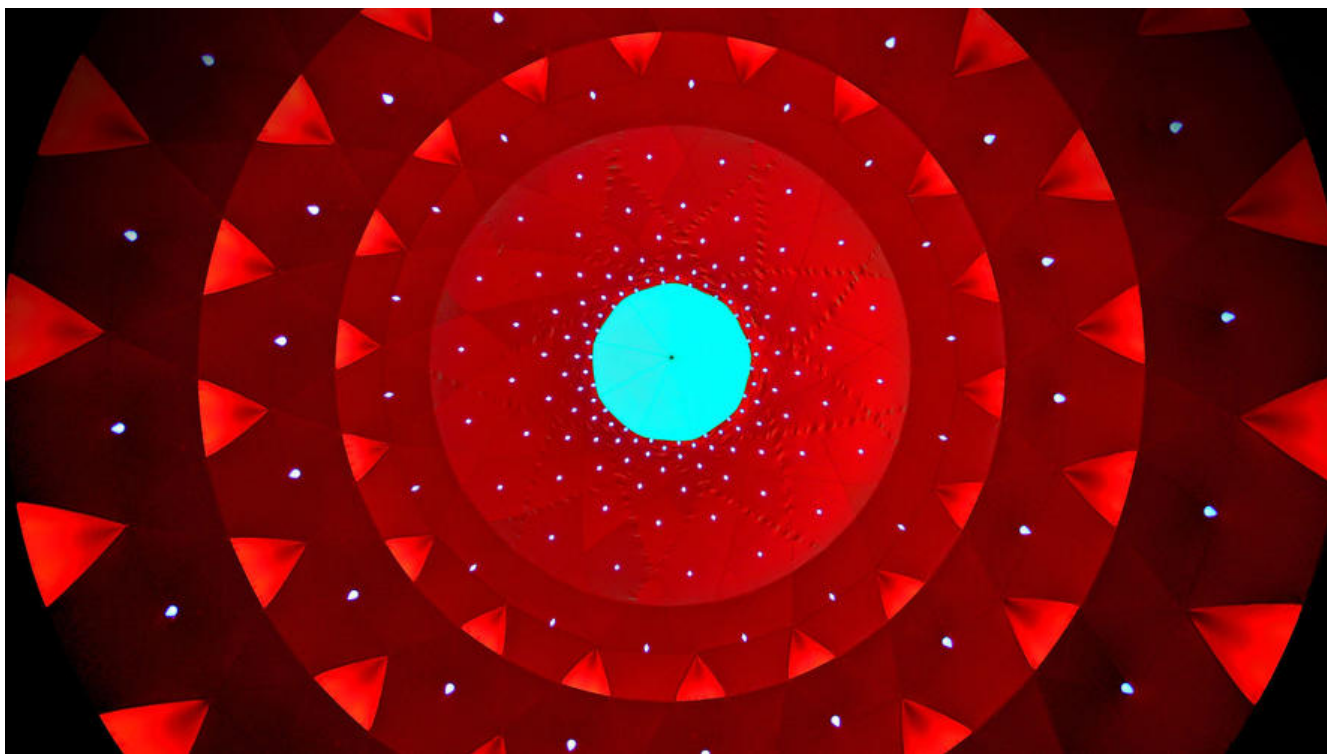
# etcdctl 常用命令

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原文链接: <https://ld246.com/article/1550579445391>

来源网站: 链滴

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## etcdctl v3命令行工具

### 设置环境变量

```
export ETCDCCTL_API=3  
export ETCDCCTL_ENDPOINTS=http://etcd.liishuang.cn:2379
```

- 注意: 客户端使用的--endpoints地址是grpc-proxy的--listen-addr地址

## version

```
./etcdctl version
etcdctl version: 3.3.0
API version: 3.3
```

## lease 租约

- 租约具有生命周期,需要为租约授予一个TTL (time to live)
- 将租约绑定到一个key上,那么key的生命周期与租约所授予的TTL一致
- 可续租
- 可撤销租约

### etcdctl lease grant <ttl> 取一份租约

```
./etcdctl lease grant 30
lease 2ccc684b35cb7c0f granted with TTL(30s)
```

- 租约的编号为2ccc684b35cb7c0f
- 租约的TTL为30s
- 在30s过后这个租约将消失,所绑定的key也会消失

### etcdctl lease list 列出所有租约

```
./etcdctl lease list
found 2 leases
2ccc684b35cb7c1c
2ccc684b35cb7c1e
```

### etcdctl lease timetolive <leaseID> [options] 租约的剩余生命

--keys 绑定到这个租约上的所有key

```
./etcdctl lease timetolive 2ccc684b35cb7c1e
"etcdctl常用命令.md" [noeol] 637L, 17723C
  KV Read:
  KV Write:
  ""
```

- user passwd // 修改用户密码

&emsp;&emsp;etcdctl user passwd \<user name\> [options] `只有root用户才有修改其他用户密码的权限`

```
""bash
```

```
// 使用--user选项切换到root用户,修改cowant用户的密码
```

```
./etcdctl --user=root:1e2a92068bffef22387e3414692b2bd6 user passwd cowant
```

```
Password of cowant:
```

```
Type password of cowant again for confirmation:
```

```
Password updated
```

```
'''
- user remove // 删除用户
&emsp;&emsp;etcdctl user delete \<user name\>
  ``bash
  // 删除用户的操作也只能由root用户完成
  ./etcdctl --user=root:1e2a92068bffef22387e3414692b2bd6 user delete cowant
  User cowant deleted
'''

- user grant-role // 授予用户一个角色
&emsp;&emsp;etcdctl user grant-role \<user name\> \<role name\>
  ``bash
  // 授予AAAA用户xxxx角色
  ./etcdctl --user=root:1e2a92068bffef22387e3414692b2bd6 user grant-role AAAA xxxx
  Role xxxx is granted to user AAAA

  // 查看AAAA用户的角色
  ./etcdctl --user=root:1e2a92068bffef22387e3414692b2bd6 user get AAAA
  User: AAAA
  Roles: xxxx
'''

- user revoke-role // 撤销用户一个角色
&emsp;&emsp;etcdctl user revoke-role \<user name\> \<role name\>
  ``bash
  // 授予AAAA用户xxxx角色
  ./etcdctl --user=root:1e2a92068bffef22387e3414692b2bd6 user revoke-role AAAA xxxx
  Role xxxx is revoked from user AAAA
  ./etcdctl --user=root:1e2a92068bffef22387e3414692b2bd6 user get AAAA
  User: AAAA
  Roles:
'''
```