

CC LAB 9

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SS1:

```
pratik@pratik-victus:~$ /tmp/etcd-download-test/etcd --version
/tmp/etcd-download-test/etcdctl version
/tmp/etcd-download-test/etcdctl version
etcd Version: 3.5.12
Git SHA: e7b3bb6cc
Go Version: go1.20.13
Go OS/Arch: linux/amd64
etcdctl version: 3.5.12
API version: 3.5
etcdctl version: 3.5.12
API version: 3.5
```

SS2A:

```
pratik@pratik-victus:~$ /tmp/etcd-download-test/etcd
{"level":"warn","ts":"2025-03-17T09:22:02.913544Z","caller":"embed/config.go:679","msg":"Running http and grpc server on single port. This is not recommended for production."}
{"level":"info","ts":"2025-03-17T09:22:02.913695Z","caller":"etcdmain/etcd.go:73","msg":"Running: ", "args":["/tmp/etcd-download-test/etcd"]}
{"level":"warn","ts":"2025-03-17T09:22:02.913776Z","caller":"etcdmain/etcd.go:105","msg":"'data-dir' was empty; using default","data-dir":"default.etcd"}
{"level":"warn","ts":"2025-03-17T09:22:02.913879Z","caller":"embed/config.go:679","msg":"Running http and grpc server on single port. This is not recommended for production."}
{"level":"info","ts":"2025-03-17T09:22:02.913944Z","caller":"embed/etcd.go:127","msg":"configuring peer listeners","listen-peer-urls":["http://localhost:2380"]}
{"level":"info","ts":"2025-03-17T09:22:02.91492Z","caller":"embed/etcd.go:135","msg":"configuring client listeners","listen-client-urls":["http://localhost:2379"]}
{"level":"info","ts":"2025-03-17T09:22:02.915144Z","caller":"embed/etcd.go:308","msg":"starting an etcd server","etcd-version":"3.5.12","git-sha":"e7b3bb6cc","go-version":"go1.20.13","go-os":"linux","go-arch":"amd64","max-cpu-set":12,"max-cpu-available":12,"member-initialized":false,"name":"default","data-dir":"default.etcd","wal-dir":"","wal-dir-dedicated":"","member-dir":"default.etcd/member","force-new-cluster":false,"heartbeat-interval":"100ms","election-timeout":"1s","initial-election-tick-advance":true,"snapshot-count":100000,"max-wals":5,"max-snapshots":5,"snapshot-catchup-entries":5000,"initial-advertise-peer-urls":["http://localhost:2380"],"listen-peer-urls":["http://localhost:2380"],"advertise-client-urls":["http://localhost:2379"],"listen-client-urls":["http://localhost:2379"],"listen-metrics-urls":[],"cors":["*"],"host-whitelist":["*"],"initial-cluster":"default=http://localhost:2380","initial-cluster-state":"new","initial-cluster-token":"etcd-cluster","quota-backend-bytes":2147483648,"max-request-bytes":1572864,"max-concurrent-streams":4294967295,"pre-vote":true,"initial-corrupt-check":false,"corrupt-check-time-interval":"0s","compact-check-time-enabled":false,"compact-check-time-interval":"1m0s","auto-compaction-mode":"periodic","auto-compaction-retention":"0s","auto-compaction-interval":"0s","discovery-url":"","discovery-proxy":"","downgrade-check-interval":"5s"}
{"level":"info","ts":"2025-03-17T09:22:02.926075Z","caller":"etcdserver/backend.go:81","msg":"opened backend db","path":"default.etcd/member/snap/db","took":"9.316828ms"}
{"level":"info","ts":"2025-03-17T09:22:02.934811Z","caller":"etcdserver/raft.go:495","msg":"starting local member","local-member-id":"8e9e05c52164694d","cluster-id":"cdf818194e3a8c32"}
{"level":"info","ts":"2025-03-17T09:22:02.934982Z","logger":"raft","caller":"etcdserver/zap_raft.go:77","msg":"8e9e05c52164694d switched to configuration voters=0"}
{"level":"info","ts":"2025-03-17T09:22:02.935069Z","logger":"raft","caller":"etcdserver/zap_raft.go:77","msg":"8e9e05c52164694d became follower at term 0"}
{"level":"info","ts":"2025-03-17T09:22:02.935183Z","logger":"raft","caller":"etcdserver/zap_raft.go:77","msg":"newRaft 8e9e05c52164694d [peers: [], term: 0, commit: 0, applied: 0, lastindex: 0, lastterm: 0]"}
{"level":"info","ts":"2025-03-17T09:22:02.935276Z","logger":"raft","caller":"etcdserver/zap_raft.go:77","msg":"8e9e05c52164694d became follower at term 1"}
{"level":"info","ts":"2025-03-17T09:22:02.935396Z","logger":"raft","caller":"etcdserver/zap_raft.go:77","msg":"8e9e05c52164694d switched to configuration voters=(10276657743932975437)"}
{"level":"warn","ts":"2025-03-17T09:22:02.943022Z","caller":"auth/store.go:1241","msg":"simple token is not cryptographically signed"}
{"level":"info","ts":"2025-03-17T09:22:02.946515Z","caller":"mvcc/kvstore.go:407","msg":"kvstore restored","current-rev":1}
{"level":"info","ts":"2025-03-17T09:22:02.948475Z","caller":"etcdserver/quota.go:94","msg":"enabled backend quota with default value","quota-name":"v3-applier","quota-size-bytes":2147483648,"quota-size":"2.1 GB"}
{"level":"info","ts":"2025-03-17T09:22:02.950945Z","caller":"etcdserver/server.go:860","msg":"starting etcd server","local-member-id":"8e9e05c52164694d","local-server-version":"3.5.12","cluster-version":"to be decided"}
{"level":"info","ts":"2025-03-17T09:22:02.951292Z","caller":"etcdserver/server.go:744","msg":"started as single-node; fast-forwarding election ticks","local-member-id":"8e9e05c52164694d","forward-ticks":9,"forward-duration":"900ms","election-ticks":10,"election-timeout":"1s"}
{"level":"info","ts":"2025-03-17T09:22:02.951507Z","caller":"fileutil/purge.go:50","msg":"started to purge file","dir":"default.etcd/member/snap","suffix":"
```

SS2B:


```
pratik@pratik-victus:~$ etcdctl --endpoints=http://127.0.0.2:2359 endpoint status --write-out=table
```

ENDPOINT	ID	VERSION	DB SIZE	IS LEADER	IS LEARNER	RAFT TERM	RAFT INDEX	RAFT APPLIED INDEX	ERRORS
http://127.0.0.2:2359	366952c5ece74e7c	3.5.12	20 kB	false	false	2	9	9	

```
pratik@pratik-victus:~$ etcdctl --endpoints=http://127.0.0.2:2369 endpoint status --write-out=table
```

ENDPOINT	ID	VERSION	DB SIZE	IS LEADER	IS LEARNER	RAFT TERM	RAFT INDEX	RAFT APPLIED INDEX	ERRORS
http://127.0.0.2:2369	80f0dfea5ea0c542	3.5.12	20 kB	true	false	2	9	9	

```
pratik@pratik-victus:~$ etcdctl --endpoints=http://127.0.0.2:2389 endpoint status --write-out=table
```

ENDPOINT	ID	VERSION	DB SIZE	IS LEADER	IS LEARNER	RAFT TERM	RAFT INDEX	RAFT APPLIED INDEX	ERRORS
http://127.0.0.2:2389	f42c8c852ecd9a90	3.5.12	20 kB	false	false	2	9	9	

```
pratik@pratik-victus:~$
```

SS5:

```
pratik@pratik-victus:~$ etcdctl --endpoints=http://127.0.0.2:2359 endpoint status --write-out=table
```

ENDPOINT	ID	VERSION	DB SIZE	IS LEADER	IS LEARNER	RAFT TERM	RAFT INDEX	RAFT APPLIED INDEX	ERRORS
http://127.0.0.2:2359	366952c5ece74e7c	3.5.12	20 kB	true	false	3	10	10	

```
pratik@pratik-victus:~$ etcdctl --endpoints=http://127.0.0.2:2389 endpoint status --write-out=table
```

ENDPOINT	ID	VERSION	DB SIZE	IS LEADER	IS LEARNER	RAFT TERM	RAFT INDEX	RAFT APPLIED INDEX	ERRORS
http://127.0.0.2:2389	f42c8c852ecd9a90	3.5.12	20 kB	false	false	3	10	10	

```
pratik@pratik-victus:~$
```