

Cloud Computing Assignment 4

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SRN: PES2UG20CS389

Sec: F

Date: 21-03-2023

1a.

```
vishwa@Acer-Vishwa: ~  
vishwa@Acer-Vishwa: /opt/ap  
vishwa@Acer-Vishwa: /mnt/c/Users/Vishwa/Downloads$ sudo mv /mnt/c/Users/Vishwa/Downloads/apache-zookeeper-3.8.0-bin /opt  
vishwa@Acer-Vishwa: /mnt/c/Users/Vishwa/Downloads$ cd /opt/apache-zookeeper-3.8.0-bin  
vishwa@Acer-Vishwa: /opt/apache-zookeeper-3.8.0-bin$ mkdir data  
vishwa@Acer-Vishwa: /opt/apache-zookeeper-3.8.0-bin$ ls  
LICENSE.txt NOTICE.txt README.md README_packaging.md bin conf data docs lib  
vishwa@Acer-Vishwa: /opt/apache-zookeeper-3.8.0-bin$ cd conf/  
vishwa@Acer-Vishwa: /opt/apache-zookeeper-3.8.0-bin/conf$ ls  
configuration.xml logback.xml zoo_sample.cfg  
vishwa@Acer-Vishwa: /opt/apache-zookeeper-3.8.0-bin/conf$ vim zoo.cfg  
vishwa@Acer-Vishwa: /opt/apache-zookeeper-3.8.0-bin/conf$ bin/zkServer.sh start  
-bash: bin/zkServer.sh: No such file or directory  
vishwa@Acer-Vishwa: /opt/apache-zookeeper-3.8.0-bin/conf$ cd ..  
vishwa@Acer-Vishwa: /opt/apache-zookeeper-3.8.0-bin$ bin/zkServer.sh start  
ZooKeeper JMX enabled by default  
Using config: /opt/apache-zookeeper-3.8.0-bin/bin/../conf/zoo.cfg  
Starting zookeeper ... STARTED  
vishwa@Acer-Vishwa: /opt/apache-zookeeper-3.8.0-bin$
```

2a.

```
2023-03-21 14:21:40,902 [myid:] - INFO [main:o.a.z.Environment@98] - Client environment:os.memory.max=256MB  
2023-03-21 14:21:40,902 [myid:] - INFO [main:o.a.z.Environment@98] - Client environment:os.memory.total=200MB  
2023-03-21 14:21:40,905 [myid:] - INFO [main:o.a.z.ZooKeeper@637] - Initiating client connection, connectString=loca  
lhost:2181 sessionTimeout=30000 watcher=org.apache.zookeeper.ZooKeeperMain$MyWatcher@5f3a4b84  
2023-03-21 14:21:40,911 [myid:] - INFO [main:o.a.z.c.X509Util@77] - Setting -D jdk.tls.rejectClientInitiatedRenegoti  
ation=true to disable client-initiated TLS renegotiation  
2023-03-21 14:21:40,917 [myid:] - INFO [main:o.a.z.ClientCnxnSocket@239] - jute.maxbuffer value is 1048575 Bytes  
2023-03-21 14:21:40,925 [myid:] - INFO [main:o.a.z.ClientCnxn@1732] - zookeeper.request.timeout value is 0. feature  
enabled=false  
Welcome to ZooKeeper!  
2023-03-21 14:21:40,931 [myid:localhost:2181] - INFO [main-SendThread(localhost:2181):o.a.z.ClientCnxn$SendThread@11  
71] - Opening socket connection to server localhost/127.0.0.1:2181.  
2023-03-21 14:21:40,932 [myid:localhost:2181] - INFO [main-SendThread(localhost:2181):o.a.z.ClientCnxn$SendThread@11  
73] - SASL config status: Will not attempt to authenticate using SASL (unknown error)  
2023-03-21 14:21:40,937 [myid:localhost:2181] - INFO [main-SendThread(localhost:2181):o.a.z.ClientCnxn$SendThread@10  
05] - Socket connection established, initiating session, client: /127.0.0.1:35986, server: localhost/127.0.0.1:2181  
JLine support is enabled  
2023-03-21 14:21:40,947 [myid:localhost:2181] - INFO [main-SendThread(localhost:2181):o.a.z.ClientCnxn$SendThread@14  
44] - Session establishment complete on server localhost/127.0.0.1:2181, session id = 0x10000872f8f0001, negotiated t  
imeout = 30000  
  
WATCHER::  
  
WatchedEvent state:SyncConnected type:None path:null  
[zk: localhost:2181(CONNECTED) 0] create -e /pes2ug20cs389_eph "an ephemeral node"  
Created /pes2ug20cs389_eph  
[zk: localhost:2181(CONNECTED) 1] ls /  
[pes2ug20cs389_eph, pes2ug20cs389_seq0000000001, zookeeper]  
[zk: localhost:2181(CONNECTED) 2]
```

2b.

```
vishwa@Acer-Vishwa: ~  
er-3.8.0-bin  
2023-03-21 14:22:40,724 [myid:] - INFO [main:o.a.z.Environment@98] - Client environment:os.memory.free=190MB  
2023-03-21 14:22:40,724 [myid:] - INFO [main:o.a.z.Environment@98] - Client environment:os.memory.max=256MB  
2023-03-21 14:22:40,724 [myid:] - INFO [main:o.a.z.Environment@98] - Client environment:os.memory.total=200MB  
2023-03-21 14:22:40,726 [myid:] - INFO [main:o.a.z.ZooKeeper@637] - Initiating client connection, connectString=loca  
lhost:2181 sessionTimeout=30000 watcher=org.apache.zookeeper.ZooKeeperMain$MyWatcher@5f3a4b84  
2023-03-21 14:22:40,734 [myid:] - INFO [main:o.a.z.CX509Util@77] - Setting -D jdk.tls.rejectClientInitiatedRenegoti  
ation=true to disable client-initiated TLS renegotiation  
2023-03-21 14:22:40,746 [myid:] - INFO [main:o.a.z.ClientCnxnSocket@239] - jute.maxbuffer value is 1048575 Bytes  
2023-03-21 14:22:40,756 [myid:] - INFO [main:o.a.z.ClientCnxn@1732] - zookeeper.request.timeout value is 0. feature  
enabled=false  
Welcome to ZooKeeper!  
2023-03-21 14:22:40,763 [myid:localhost:2181] - INFO [main-SendThread(localhost:2181):o.a.z.ClientCnxn$SendThread@11  
71] - Opening socket connection to server localhost/127.0.0.1:2181.  
2023-03-21 14:22:40,763 [myid:localhost:2181] - INFO [main-SendThread(localhost:2181):o.a.z.ClientCnxn$SendThread@11  
73] - SASL config status: Will not attempt to authenticate using SASL (unknown error)  
2023-03-21 14:22:40,773 [myid:localhost:2181] - INFO [main-SendThread(localhost:2181):o.a.z.ClientCnxn$SendThread@10  
05] - Socket connection established, initiating session, client: /127.0.0.1:35988, server: localhost/127.0.0.1:2181  
2023-03-21 14:22:40,784 [myid:localhost:2181] - INFO [main-SendThread(localhost:2181):o.a.z.ClientCnxn$SendThread@14  
44] - Session establishment complete on server localhost/127.0.0.1:2181, session id = 0x10000872f8f0002, negotiated t  
imeout = 30000  
JLine support is enabled  
  
WATCHER::  
  
WatchedEvent state:SyncConnected type:None path:null  
[zk: localhost:2181(CONNECTED) 0] ls /  
[pes2ug20cs389_seq0000000001, zookeeper]  
[zk: localhost:2181(CONNECTED) 1] █
```

2c.

```
vishwa@Acer-Vishwa: ~  
Node does not exist: /path  
[zk: localhost:2181(CONNECTED) 2] get -s /pes2ug20cs389_seq0000000001  
a sequential node  
cZxid = 0x7  
ctime = Tue Mar 21 14:19:17 IST 2023  
mZxid = 0x7  
mtime = Tue Mar 21 14:19:17 IST 2023  
pZxid = 0x7  
cversion = 0  
dataVersion = 0  
aclVersion = 0  
ephemeralOwner = 0x0  
dataLength = 17  
numChildren = 0  
[zk: localhost:2181(CONNECTED) 3] set /pes2ug20cs389_seq0000000001 /updated  
[zk: localhost:2181(CONNECTED) 4] get -s /pes2ug20cs389_seq0000000001  
/updated  
cZxid = 0x7  
ctime = Tue Mar 21 14:19:17 IST 2023  
mZxid = 0xf  
mtime = Tue Mar 21 14:25:27 IST 2023  
pZxid = 0x7  
cversion = 0  
dataVersion = 1  
aclVersion = 0  
ephemeralOwner = 0x0  
dataLength = 8  
numChildren = 0  
[zk: localhost:2181(CONNECTED) 5] █
```

2d.

```
[zk: localhost:2181(CONNECTED) 8] ls /pes2ug20cs389  
[mehta, vishwa]  
[zk: localhost:2181(CONNECTED) 9] █
```

3a.

```
vishwa@Acer-Vishwa: /opt/ap X vishwa@Acer-Vishwa: /opt/apa X + v
2023-03-21 14:36:12,881 [myid:] - INFO [main:o.e.j.s.Server$415] - Started $784ms
2023-03-21 14:36:12,881 [myid:] - INFO [main:o.a.z.s.a.JettyAdminServer$196] - Started AdminServer on address 0.0.0.0, port 8080 and command URL /commands
2023-03-21 14:36:12,885 [myid:] - INFO [main:o.a.z.s.ServerCnxnFactory$169] - Using org.apache.zookeeper.server.NIOServerCnxnFactory as server connection factory
2023-03-21 14:36:12,886 [myid:] - WARN [main:o.a.z.s.ServerCnxnFactory$309] - maxCnxns is not configured, using default value 0.
2023-03-21 14:36:12,891 [myid:] - INFO [main:o.a.z.s.NIOServerCnxnFactory$652] - Configuring NIO connection handler with 10s sessionless connection timeout, 2 selector thread(s), 16 work
er threads, and 64 kb direct buffers.
2023-03-21 14:36:12,892 [myid:] - INFO [main:o.a.z.s.NIOServerCnxnFactory$660] - binding to port 0.0.0.0/0.0.0.0:2181
2023-03-21 14:36:12,905 [myid:] - INFO [main:o.a.z.s.w.WatchManagerFactory$42] - Using org.apache.zookeeper.server.watch.WatchManager as watch manager
2023-03-21 14:36:12,905 [myid:] - INFO [main:o.a.z.s.w.WatchManagerFactory$42] - Using org.apache.zookeeper.server.watch.WatchManager as watch manager
2023-03-21 14:36:12,905 [myid:] - INFO [main:o.a.z.s.z.KDatabase$132] - zookeeper.snapshotSizeFactor = 0.33
2023-03-21 14:36:12,905 [myid:] - INFO [main:o.a.z.s.z.KDatabase$152] - zookeeper.commitLogCount=500
2023-03-21 14:36:12,911 [myid:] - INFO [main:o.a.z.s.p.SnapStream$61] - zookeeper.snapshot.compression.method = CHECKED
2023-03-21 14:36:12,912 [myid:] - INFO [main:o.a.z.s.p.FileSnap$85] - Reading snapshot /opt/apache-zookeeper-3.8.0-bin/data/version-2/snapshot.2
2023-03-21 14:36:12,914 [myid:] - INFO [main:o.a.z.s.p.DataTree$1705] - The digest in the snapshot has digest version of 2, with zxid as 0x2, and digest value as 1371985504
2023-03-21 14:36:12,931 [myid:] - INFO [main:o.a.z.s.z.KAuditProvider$42] - ZooKeeper audit is disabled.
2023-03-21 14:36:12,932 [myid:] - INFO [main:o.a.z.s.p.FileTxnSnapLog$372] - 17 txns loaded in 11 ms
2023-03-21 14:36:12,932 [myid:] - INFO [main:o.a.z.s.z.KDatabase$289] - Snapshot loaded in 27 ms, highest zxid is 0x13, digest is 13866397031
2023-03-21 14:36:12,933 [myid:] - INFO [main:o.a.z.s.p.FileTxnSnapLog$479] - Snapshottng: 0x13 to /opt/apache-zookeeper-3.8.0-bin/data/version-2/snapshot.13
2023-03-21 14:36:12,934 [myid:] - INFO [main:o.a.z.s.z.ZooKeeperServer$547] - Snapshot taken in 1 ms
2023-03-21 14:36:12,944 [myid:] - INFO [ProcessThread(sid:0 cport:2181)::o.a.z.s.PrepareRequestProcessor$138] - PrepareRequestProcessor (sid:0) started, reconfigEnabled=false
2023-03-21 14:36:12,944 [myid:] - INFO [main:o.a.z.s.RequestThrottler$75] - zookeeper.request.throttler.shutdownTimeout = 10000 ms
2023-03-21 14:36:12,963 [myid:] - INFO [main:o.a.z.s.ContainerManager$84] - Using checkIntervalMs=60000 maxPerMinute=10000 maxNeverUsedIntervalMs=0
2023-03-21 14:36:12,991 [myid:] - INFO [SyncThread:0:o.a.z.s.p.FileTxnLog$285] - Creating new log file: log.14

connection established, initiating session, client: /127.0.0.1:3592, server: localhost/127.0.0.1:2181
2023-03-21 14:40:14,382 [myid:localhost:2181] - INFO [main-SendT
hread(localhost:2181):o.a.z.ClientCnxn$SendThread$1444] - Session
establishment complete on server localhost/127.0.0.1:2181, sessi
on id = 0x100009c972a0001, negotiated timeout = 30000
JLine support is enabled

WATCHER::

WatchedEvent state:SyncConnected type:None path:null
[z: localhost:2181(CONNECTED) 0] create /pes2ug20cs389
Created /pes2ug20cs389
[z: localhost:2181(CONNECTED) 1] create -s -e /pes2ug20cs389/can
didate
Created /pes2ug20cs389/candidate0000000000
[z: localhost:2181(CONNECTED) 2] ls /pes2ug20cs389
[candidate0000000000]
[z: localhost:2181(CONNECTED) 3] ls /pes2ug20cs389
[candidate0000000000, candidate0000000001, candidate0000000002]
[z: localhost:2181(CONNECTED) 4]
[0] vishwa"

endThread(localhost:2181):o.a.z.ClientCnxn$SendThread$1173] -
SASL config status: Will not attempt to authenticate using S
ASL (unknown error)
2023-03-21 14:40:23,124 [myid:localhost:2181] - INFO [main-S
endThread(localhost:2181):o.a.z.ClientCnxn$SendThread$1005] -
Socket connection established, initiating session, client: /
127.0.0.1:3594, server: localhost/127.0.0.1:2181
JLine support is enabled
2023-03-21 14:40:23,142 [myid:localhost:2181] - INFO [main-S
endThread(localhost:2181):o.a.z.ClientCnxn$SendThread$1444] -
Session establishment complete on server localhost/127.0.0.1:
2181, session id = 0x100009c972a0002, negotiated timeout = 3
0000
WATCHER::

WatchedEvent state:SyncConnected type:None path:null
[z: localhost:2181(CONNECTED) 0] create -s -e /pes2ug20cs389
/candidate
Created /pes2ug20cs389/candidate0000000001
[z: localhost:2181(CONNECTED) 1]

-SendThread(localhost:2181):o.a.z.ClientCnxn$SendThread$1173] -
SASL config status: Will not attempt to authenticate using S
ASL (unknown error)
2023-03-21 14:40:27,962 [myid:localhost:2181] - INFO [main-
SendThread(localhost:2181):o.a.z.ClientCnxn$SendThread$1005] -
Socket connection established, initiating session, cli
ent: /127.0.0.1:3596, server: localhost/127.0.0.1:2181
JLine support is enabled
2023-03-21 14:40:27,972 [myid:localhost:2181] - INFO [main-
SendThread(localhost:2181):o.a.z.ClientCnxn$SendThread$1444] -
Session establishment complete on server localhost/127
.0.0.1:2181, session id = 0x100009c972a0003, negotiated tim
eout = 30000
WATCHER::

WatchedEvent state:SyncConnected type:None path:null
[z: localhost:2181(CONNECTED) 0] create -s -e /pes2ug20cs389/candidate
Created /pes2ug20cs389/candidate0000000002
[z: localhost:2181(CONNECTED) 1]

"Acer-Vishwa" 14:43 21-Mar-23
```

3b.

```
vishwa@Acer-Vishwa: /opt/ap X vishwa@Acer-Vishwa: /opt/apa X + v
2023-03-21 14:36:12,881 [myid:] - INFO [main:o.e.j.s.Server$415] - Started $784ms
2023-03-21 14:36:12,881 [myid:] - INFO [main:o.a.z.s.a.JettyAdminServer$196] - Started AdminServer on address 0.0.0.0, port 8080 and command URL /commands
2023-03-21 14:36:12,885 [myid:] - INFO [main:o.a.z.s.ServerCnxnFactory$169] - Using org.apache.zookeeper.server.NIOServerCnxnFactory as server connection factory
2023-03-21 14:36:12,886 [myid:] - WARN [main:o.a.z.s.ServerCnxnFactory$309] - maxCnxns is not configured, using default value 0.
2023-03-21 14:36:12,891 [myid:] - INFO [main:o.a.z.s.NIOServerCnxnFactory$652] - Configuring NIO connection handler with 10s sessionless connection timeout, 2 selector thread(s), 16 work
er threads, and 64 kb direct buffers.
2023-03-21 14:36:12,892 [myid:] - INFO [main:o.a.z.s.NIOServerCnxnFactory$660] - binding to port 0.0.0.0/0.0.0.0:2181
2023-03-21 14:36:12,905 [myid:] - INFO [main:o.a.z.s.w.WatchManagerFactory$42] - Using org.apache.zookeeper.server.watch.WatchManager as watch manager
2023-03-21 14:36:12,905 [myid:] - INFO [main:o.a.z.s.w.WatchManagerFactory$42] - Using org.apache.zookeeper.server.watch.WatchManager as watch manager
2023-03-21 14:36:12,905 [myid:] - INFO [main:o.a.z.s.z.KDatabase$132] - zookeeper.snapshotSizeFactor = 0.33
2023-03-21 14:36:12,905 [myid:] - INFO [main:o.a.z.s.z.KDatabase$152] - zookeeper.commitLogCount=500
2023-03-21 14:36:12,911 [myid:] - INFO [main:o.a.z.s.p.SnapStream$61] - zookeeper.snapshot.compression.method = CHECKED
2023-03-21 14:36:12,912 [myid:] - INFO [main:o.a.z.s.p.FileSnap$85] - Reading snapshot /opt/apache-zookeeper-3.8.0-bin/data/version-2/snapshot.2
2023-03-21 14:36:12,914 [myid:] - INFO [main:o.a.z.s.p.DataTree$1705] - The digest in the snapshot has digest version of 2, with zxid as 0x2, and digest value as 1371985504
2023-03-21 14:36:12,931 [myid:] - INFO [main:o.a.z.s.z.KAuditProvider$42] - ZooKeeper audit is disabled.
2023-03-21 14:36:12,932 [myid:] - INFO [main:o.a.z.s.p.FileTxnSnapLog$372] - 17 txns loaded in 11 ms
2023-03-21 14:36:12,932 [myid:] - INFO [main:o.a.z.s.z.KDatabase$289] - Snapshot loaded in 27 ms, highest zxid is 0x13, digest is 13866397031
2023-03-21 14:36:12,933 [myid:] - INFO [main:o.a.z.s.p.FileTxnSnapLog$479] - Snapshottng: 0x13 to /opt/apache-zookeeper-3.8.0-bin/data/version-2/snapshot.13
2023-03-21 14:36:12,934 [myid:] - INFO [main:o.a.z.s.z.ZooKeeperServer$547] - Snapshot taken in 1 ms
2023-03-21 14:36:12,944 [myid:] - INFO [ProcessThread(sid:0 cport:2181)::o.a.z.s.PrepareRequestProcessor$138] - PrepareRequestProcessor (sid:0) started, reconfigEnabled=false
2023-03-21 14:36:12,944 [myid:] - INFO [main:o.a.z.s.RequestThrottler$75] - zookeeper.request.throttler.shutdownTimeout = 10000 ms
2023-03-21 14:36:12,963 [myid:] - INFO [main:o.a.z.s.ContainerManager$84] - Using checkIntervalMs=60000 maxPerMinute=10000 maxNeverUsedIntervalMs=0
2023-03-21 14:36:12,991 [myid:] - INFO [SyncThread:0:o.a.z.s.p.FileTxnLog$285] - Creating new log file: log.14

org.apache.zookeeper.ClientCnxn$EndOfStreamException: Unable to
read additional data from server sessionid 0x100009c972a0001, like
ly server has closed socket
    at org.apache.zookeeper.ClientCnxnSocketNIO.doIO(ClientCn
xSocketNIO.java:77)
    at org.apache.zookeeper.ClientCnxnSocketNIO.doTransport(C
lientCnxSocketNIO.java:350)
    at org.apache.zookeeper.ClientCnxn$SendThread.run(ClientC
nxn.java:1252)
WATCHER::

WatchedEvent state:Closed type:None path:null
2023-03-21 14:56:17,524 [myid:] - INFO [main:o.a.z.ZooKeeper$123
2] - Session: 0x100009c972a0001 closed
2023-03-21 14:56:17,524 [myid:] - INFO [main-EventThread:o.a.z.C
lientCnxn$EventThread$568] - EventThread shut down for session: 0
x100009c972a0001
2023-03-21 14:56:17,525 [myid:] - ERROR [main:o.a.z.u.ServiceUtil
$842] - Exiting JVM with code 0
vishwa@Acer-Vishwa:/opt/apache-zookeeper-3.8.0-bin$

org.apache.zookeeper.ClientCnxn$EndOfStreamException: Unable to
read additional data from server sessionid 0x100009c972a00
02, likely server has closed socket
    at org.apache.zookeeper.ClientCnxnSocketNIO.doIO(Clie
ntCnxSocketNIO.java:77)
    at org.apache.zookeeper.ClientCnxnSocketNIO.doTransport(C
lientCnxSocketNIO.java:350)
    at org.apache.zookeeper.ClientCnxn$SendThread.run(Cli
entCnxn.java:1252)
WATCHER::

WatchedEvent state:Closed type:None path:null
2023-03-21 14:56:44,573 [myid:] - INFO [main-EventThread:o.a
.z.ClientCnxn$EventThread$568] - EventThread shut down for se
ssion: 0x100009c972a0002
2023-03-21 14:56:44,573 [myid:] - INFO [main:o.a.z.ZooKeeper
$1232] - Session: 0x100009c972a0002 closed
2023-03-21 14:56:44,575 [myid:] - ERROR [main:o.a.z.u.Service
Utils$842] - Exiting JVM with code 0
vishwa@Acer-Vishwa:/opt/apache-zookeeper-3.8.0-bin$

numChildren = 0
[z: localhost:2181(CONNECTED) 2] get -s -w /pes2ug20cs389/
candidate0000000001
null
cXid = 0x20
ctime = Tue Mar 21 14:48:35 IST 2023
mXid = 0x20
time = Tue Mar 21 14:48:35 IST 2023
pXid = 0x20
cversion = 0
dataVersion = 0
aclVersion = 0
ephemeralOwner = 0x100009c972a0002
dataLength = 0
numChildren = 0
[z: localhost:2181(CONNECTED) 3]
WATCHER::

WatchedEvent state:SyncConnected type:NodeDeleted path:/pes
2ug20cs389/candidate0000000001

[0] vishwa"

"Acer-Vishwa" 14:56 21-Mar-23
```

3c.

```
vishwa@Acer-Vishwa: /opt/ap × vishwa@Acer-Vishwa: /opt/apa × + v
2023-03-21 14:36:12,881 [myid:] - INFO [main:o.e.j.s.Server@415] - Started #784ms
2023-03-21 14:36:12,881 [myid:] - INFO [main:o.a.z.s.a.JettyAdminServer@196] - Started AdminServer on address 0.0.0.0, port 8080 and command URL /commands
2023-03-21 14:36:12,885 [myid:] - INFO [main:o.a.z.s.s.ServerCnxnFactory@169] - Using org.apache.zookeeper.server.NIOServerCnxnFactory as server connection factory
2023-03-21 14:36:12,886 [myid:] - WARN [main:o.a.z.s.s.ServerCnxnFactory@398] - maxCnxns is not configured, using default value 0
2023-03-21 14:36:12,891 [myid:] - INFO [main:o.a.z.s.s.NIOServerCnxnFactory@632] - Configuring NIO connection handler with 10s sessionless connection timeout, 2 selector thread(s), 16 worker threads, and 64 KB direct buffers.
2023-03-21 14:36:12,892 [myid:] - INFO [main:o.a.z.s.s.NIOServerCnxnFactory@660] - binding to port 0.0.0.0/0.0.0.0:2181
2023-03-21 14:36:12,905 [myid:] - INFO [main:o.a.z.s.s.v.WatchManagerFactory@42] - Using org.apache.zookeeper.server.watch.WatchManager as watch manager
2023-03-21 14:36:12,905 [myid:] - INFO [main:o.a.z.s.s.v.WatchManagerFactory@42] - Using org.apache.zookeeper.server.watch.WatchManager as watch manager
2023-03-21 14:36:12,905 [myid:] - INFO [main:o.a.z.s.s.ZKDatabase@132] - zookeeper.snapshotSizeFactor = 0.33
2023-03-21 14:36:12,905 [myid:] - INFO [main:o.a.z.s.s.ZKDatabase@152] - zookeeper.commitLogCount=500
2023-03-21 14:36:12,911 [myid:] - INFO [main:o.a.z.s.s.p.SnapStream@61] - zookeeper.snapshot.compression.method = CHECKED
2023-03-21 14:36:12,912 [myid:] - INFO [main:o.a.z.s.s.p.FileSnap@895] - Reading snapshot /opt/apache-zookeeper-3.8.0-bin/data/version-2/snapshot.2
2023-03-21 14:36:12,914 [myid:] - INFO [main:o.a.z.s.s.DataTree@1705] - The digest in the snapshot has digest version of 2, with zxid as 0x2, and digest value as 1371985504
2023-03-21 14:36:12,931 [myid:] - INFO [main:o.a.z.s.s.ZKauditProvider@42] - ZooKeeper audit is disabled.
2023-03-21 14:36:12,932 [myid:] - INFO [main:o.a.z.s.s.p.FileTxnSnapLog@372] - 17 txns loaded in 11 ms
2023-03-21 14:36:12,932 [myid:] - INFO [main:o.a.z.s.s.ZKDatabase@289] - Snapshot loaded in 27 ms, highest zxid is 0x13, digest is 13866397031
2023-03-21 14:36:12,933 [myid:] - INFO [main:o.a.z.s.s.p.FileTxnSnapLog@479] - Snapshotting: 0x13 to /opt/apache-zookeeper-3.8.0-bin/data/version-2/snapshot.13
2023-03-21 14:36:12,934 [myid:] - INFO [main:o.a.z.s.s.ZooKeeperServer@547] - Snapshot taken in 1 ms
2023-03-21 14:36:12,944 [myid:] - INFO [ProcessThread(sid:0 cport:2181)::o.a.z.s.s.PrepareRequestProcessor@138] - PrepareRequestProcessor (sid:0) started, reconfigEnabled=false
2023-03-21 14:36:12,944 [myid:] - INFO [main:o.a.z.s.s.RequestThrottler@75] - zookeeper.request.throttler.shutdownTimeout = 10000 ms
2023-03-21 14:36:12,963 [myid:] - INFO [main:o.a.z.s.s.ContainerManager@84] - Using checkIntervalMs=60000 maxFerMinute=10000 maxNeverUsedIntervalMs=0
2023-03-21 14:36:12,991 [myid:] - INFO [SyncThread:0:o.a.z.s.s.p.FileTxnLog@285] - Creating new log file: log.14

2023-03-21 15:00:15,022 [myid:localhost:2181] - INFO [main:SendThread(localhost:2181)::o.a.z.s.s.ClientCnxn$SendThread@1173] - SASL config status: Will not attempt to authenticate using SASL (unknown error)
2023-03-21 15:00:15,035 [myid:localhost:2181] - INFO [main:SendThread(localhost:2181)::o.a.z.s.s.ClientCnxn$SendThread@1095] - Socket connection established, initiating session, client: /127.0.0.1:35998, server: localhost/127.0.0.1:2181
2023-03-21 15:00:15,045 [myid:localhost:2181] - INFO [main:SendThread(localhost:2181)::o.a.z.s.s.ClientCnxn$SendThread@1444] - Session establishment complete on server localhost/127.0.0.1:2181, session id = 0x100009c972a0004, negotiated timeout = 30000
WATCHER::
WatchedEvent state:SyncConnected type:None path:null
[zk: localhost:2181(CONNECTED) 0] create -s -e /pes2ug20cs389/candidate
Created /pes2ug20cs389/candidate0000000003
[zk: localhost:2181(CONNECTED) 1]

org.apache.zookeeper.ClientCnxn$EndOfStreamException: Unable to read additional data from server sessionid 0x100009c972a0002, likely server has closed socket
    at org.apache.zookeeper.ClientCnxn$SocketNIO.doIO(ClientCnxn$SocketNIO.java:77)
    at org.apache.zookeeper.ClientCnxn$SocketNIO.doTransport(ClientCnxn$SocketNIO.java:350)
    at org.apache.zookeeper.ClientCnxn$SendThread.run(ClientCnxn.java:1282)
WATCHER::
WatchedEvent state:Closed type:None path:null
2023-03-21 14:56:44,573 [myid:] - INFO [main:EventThread:0.a.z.s.s.ClientCnxn$EventThread@568] - EventThread shut down for session: 0x100009c972a0002
2023-03-21 14:56:44,573 [myid:] - INFO [main:o.a.z.s.s.ZooKeeper@1232] - Session: 0x100009c972a0002 closed
2023-03-21 14:56:44,575 [myid:] - ERROR [main:o.a.z.s.s.ServiceUtils@42] - Exiting JVM with code 0
vishwa@Acer-Vishwa: /opt/apache-zookeeper-3.8.0-bin$

numChildren = 0
[zk: localhost:2181(CONNECTED) 2] get -s -w /pes2ug20cs389/candidate0000000001
null
cZxid = 0x20
ctime = Tue Mar 21 14:48:35 IST 2023
mZxid = 0x20
mtime = Tue Mar 21 14:48:35 IST 2023
pZxid = 0x20
cversion = 0
dataVersion = 0
aclVersion = 0
ephemeralOwner = 0x100009c972a0002
dataLength = 0
numChildren = 0
[zk: localhost:2181(CONNECTED) 3]
WATCHER::
WatchedEvent state:SyncConnected type:NodeDeleted path:/pes2ug20cs389/candidate0000000001
```