

Zookeeper - ćwiczenie z replikacją

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1. Okna terminali z uruchomionymi trzema serwerami:

```
Windows PowerShell
2020-05-04 22:58:10,219 [myid:1] - INFO [QuorumPeer[myid=1](plain=[0:0:0:0:0:0:0:0]:2181)(secure=disabled):CommitProc
essor@256] - Configuring CommitProcessor with 8 worker threads.
2020-05-04 22:58:10,239 [myid:1] - INFO [QuorumPeer[myid=1](plain=[0:0:0:0:0:0:0:0]:2181)(secure=disabled):ContainerM
anager@64] - Using checkIntervalMs=60000 maxPerMinute=10000
2020-05-04 23:01:42,586 [myid:1] - INFO [SyncThread:1:FileTxnLog@218] - Creating new log file: log.3000000001
2020-05-04 23:01:53,324 [myid:1] - WARN [NIOWorkerThread-5:NIOServerCnxn@370] - Exception causing close of session 0x
10025076dcf0000: An existing connection was forcibly closed by the remote host
2020-05-04 23:02:24,354 [myid:1] - INFO [SessionTracker:ZooKeeperServer@398] - Expiring session 0x10025076dcf0000, ti
meout of 30000ms exceeded
2020-05-04 23:02:24,355 [myid:1] - INFO [SessionTracker:QuorumZooKeeperServer@157] - Submitting global closeSession r
equest for session 0x10025076dcf0000

Windows PowerShell
2020-05-04 22:58:09,557 [myid:2] - INFO [QuorumPeer[myid=2](plain=[0:0:0:0:0:0:0:0]:2182)(secure=disabled):Learner@39
5] - Getting a snapshot from leader 0x200000000
2020-05-04 22:58:09,563 [myid:2] - INFO [QuorumPeer[myid=2](plain=[0:0:0:0:0:0:0:0]:2182)(secure=disabled):Learner@54
6] - Learner received NEWLEADER message
2020-05-04 22:58:10,007 [myid:2] - INFO [QuorumPeer[myid=2](plain=[0:0:0:0:0:0:0:0]:2182)(secure=disabled):FileTxnSna
pLog@404] - Snapshotting: 0x200000000 to \Zookeeper\zk2\version-2\snapshot.200000000
2020-05-04 22:58:10,243 [myid:2] - INFO [QuorumPeer[myid=2](plain=[0:0:0:0:0:0:0:0]:2182)(secure=disabled):Learner@52
9] - Learner received UPTODATE message
2020-05-04 22:58:10,250 [myid:2] - INFO [QuorumPeer[myid=2](plain=[0:0:0:0:0:0:0:0]:2182)(secure=disabled):CommitProc
essor@256] - Configuring CommitProcessor with 8 worker threads.
2020-05-04 23:01:42,588 [myid:2] - WARN [QuorumPeer[myid=2](plain=[0:0:0:0:0:0:0:0]:2182)(secure=disabled):Follower@1
25] - Got zxid 0x300000001 expected 0x1
2020-05-04 23:01:42,594 [myid:2] - INFO [SyncThread:2:FileTxnLog@218] - Creating new log file: log.3000000001

Windows PowerShell
5] - Getting a snapshot from leader 0x200000000
2020-05-04 22:58:09,726 [myid:3] - INFO [QuorumPeer[myid=3](plain=[0:0:0:0:0:0:0:0]:2183)(secure=disabled):Learner@54
6] - Learner received NEWLEADER message
2020-05-04 22:58:10,049 [myid:3] - INFO [QuorumPeer[myid=3](plain=[0:0:0:0:0:0:0:0]:2183)(secure=disabled):FileTxnSna
pLog@404] - Snapshotting: 0x200000000 to \Zookeeper\zk3\version-2\snapshot.200000000
2020-05-04 22:58:10,356 [myid:3] - INFO [QuorumPeer[myid=3](plain=[0:0:0:0:0:0:0:0]:2183)(secure=disabled):Learner@52
9] - Learner received UPTODATE message
2020-05-04 22:58:10,365 [myid:3] - INFO [QuorumPeer[myid=3](plain=[0:0:0:0:0:0:0:0]:2183)(secure=disabled):CommitProc
essor@256] - Configuring CommitProcessor with 8 worker threads.
2020-05-04 23:01:42,588 [myid:3] - WARN [QuorumPeer[myid=3](plain=[0:0:0:0:0:0:0:0]:2183)(secure=disabled):Follower@1
25] - Got zxid 0x300000001 expected 0x1
2020-05-04 23:01:42,590 [myid:3] - INFO [SyncThread:3:FileTxnLog@218] - Creating new log file: log.3000000001
```

```
Select Windows PowerShell
[zk: 127.0.0.1:2181(CONNECTED) 0]
[zk: 127.0.0.1:2181(CONNECTED) 0] create /zk-1
Created /zk-1
[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1]
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[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1]
[zk: 127.0.0.1:2181(CONNECTED) 1] ls /
[zk-1, zookeeper]
[zk: 127.0.0.1:2181(CONNECTED) 2] _
andThread(127.0.0.1:2182).ClientConn$SendThread@1394] = session establishment complete on server
kubernetes.docker.internal/127.0.0.1:2182, sessionId = 0x20025076b4b0000, negotiated timeout =
0000
WATCHER::
WatchedEvent state:SyncConnected type:None path:null
s/
[zk-1, zookeeper]
[zk: 127.0.0.1:2182(CONNECTED) 1] ls /
[zk-1, zookeeper]
[zk: 127.0.0.1:2182(CONNECTED) 2]
[zk: 127.0.0.1:2182(CONNECTED) 2]
[zk: 127.0.0.1:2182(CONNECTED) 2]

Windows PowerShell
0
WATCHER::
WatchedEvent state:SyncConnected type:None path:null
s/
[zk-1, zookeeper]
[zk: 127.0.0.1:2183(CONNECTED) 1] ls /
[zk-1, zookeeper]
[zk: 127.0.0.1:2183(CONNECTED) 2]
```

```
Zookeeper version: 3.5.7-F0fd52973d373ffdc86b81d99842dc2c7f660e, built on 02/10/2020 11:30 GMT Latency min/avg/max: 0/2/308 Sent: 161
Received: 162 Connections: 2 Zxid: 0x300000006
Outstanding: 0 Mode: follower Node count: 6
```