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| **Assigmnent 2**  **INF5040 - Open distributed processing**  Autumn semester 2017 |

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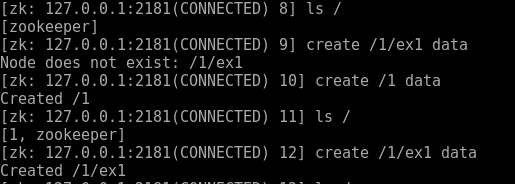
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# Ephemeral vs Persistent (Regular) znodes

## Create a znode



## Create another persistent node



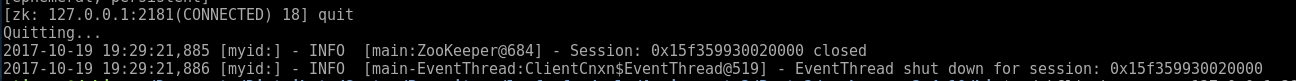
## Create node ephemeral

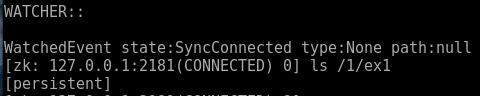


## List the children



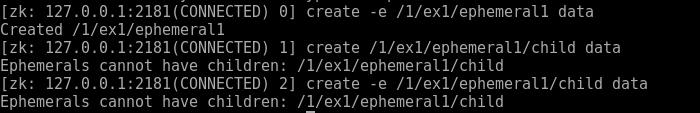
## Now quit the client by





The ephemeral is gone :’( , the session who create the node has gone so the node as disappear too. A ephemeral node (create cy -e) is dependent on a session. By quitting the session this node disappear.

## Create a new ephemeral znode



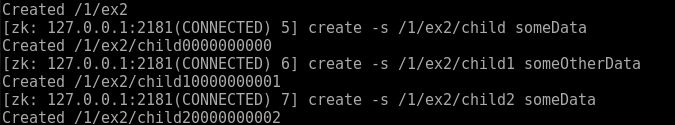
Because of if ephemeral behavior, this node cannot have children.

# Sequential suffix

## Create the znode for this exercise



## Create a few znodes with SEQUENTIAL suffix

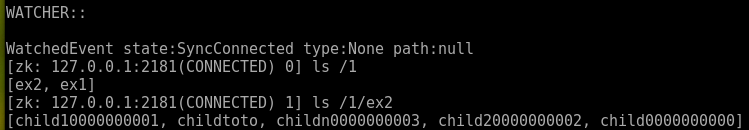


#### Q1



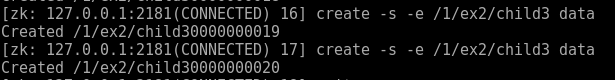
The sequential mode add an increasing couter at the end of the name. This counter value is unique for this parentZNode. The counter have a 10 digits formats starting at 0. With a 0 padding.

#### Q2



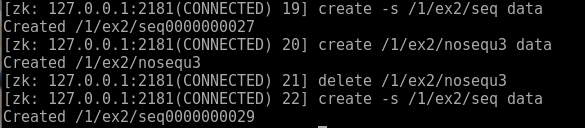
Yes, after restarting the session, we steal have our node

#### Q3



Yes it’s possible, they disappear after restart

#### Q4



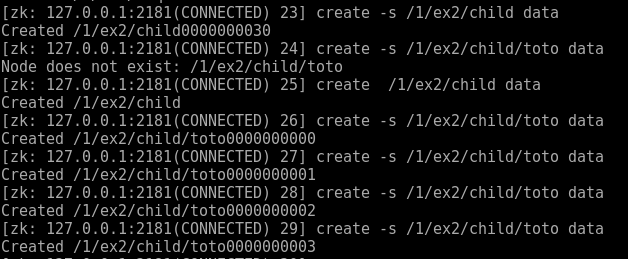
The counter is incremented at each node creation whatever the properties of node

The counter does not decrease when node delete

#### Q5

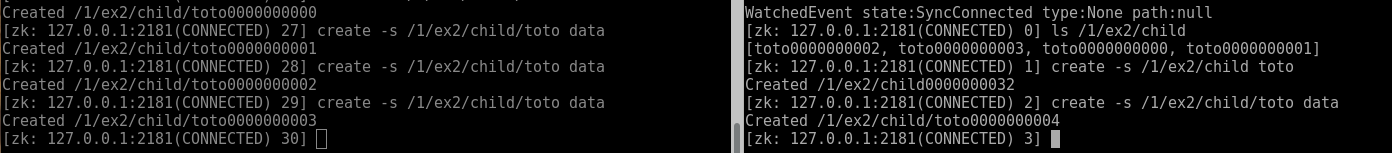
The suffix is 0000000025 (start at 0000000000)

## Scope of sequence numbers



No, they are not related

## Sequence numbers across multiple clients)



Yes are related, the counter remain across the session

# Watches

## Create the root znode for this exercise with path



## (First watch)

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