**Install NATS**

# Download the NATS server binary

wget https://github.com/nats-io/nats-server/releases/download/v2.6.2/nats-server-v2.6.2-linux-amd64.zip

# Unzip the downloaded file

unzip nats-server-v2.6.2-linux-amd64.zip

# Move the binary to a directory in your PATH

sudo mv nats-server-v2.6.2-linux-amd64/nats-server /usr/local/bin/

### Generate TLS Certificates

openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout node1-key.pem -out node1-cert.pem

openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout node2-key.pem -out node2-cert.pem

openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout node3-key.pem -out node3-cert.pem

### Configure NATS with Persistence

In node 1

port: 4222

http: 8222

cluster {

listen: 0.0.0.0:6222

routes = ["nats://node2:6222", "nats://node3:6222"]

}

tls {

cert\_file: "/path/to/node1-cert.pem"

key\_file: "/path/to/node1-key.pem"

ca\_file: ""

}

store\_dir: "/path/to/persistence/data/node1"

# Persistence settings

In nod 2

port: 4222

http: 8222

cluster {

listen: 0.0.0.0:6222

routes = ["nats://node1:6222", "nats://node3:6222"]

}

tls {

cert\_file: "/path/to/node2-cert.pem"

key\_file: "/path/to/node2-key.pem"

ca\_file: ""

}

store\_dir: "/path/to/persistence/data/node2"

in node3

port: 4222

http: 8222

cluster {

listen: 0.0.0.0:6222

routes = ["nats://node1:6222", "nats://node2:6222"]

}

tls {

cert\_file: "/path/to/node3-cert.pem"

key\_file: "/path/to/node3-key.pem"

ca\_file: ""

}

store\_dir: "/path/to/persistence/data/node3"

notice this conf will be write in 3 nodes

### Run NATS Servers

Start NATS servers on each node using their respective configuration files:

nats-server -c /path/to/nats-node1.conf

nats-server -c /path/to/nats-node2.conf

nats-server -c /path/to/nats-node3.conf