Deployment Kafka kafka 2.13-3.5.1

1.Install Kafka

```
root@server-cp-zidhan-2:/home/kafka_2.13-3.5.1# ls -ltrh
total 64K
-rw-rw-r-- 1 root root 28K Jul 14 2023 NOTICE
-rw-rw-r-- 1 root root 15K Jul 14 2023 LICENSE
drwxr-xr-x 2 root root 4.0K Jul 14 2023 licenses
drwxr-xr-x 3 root root 4.0K Jul 14 2023 bin
drwxr-xr-x 3 root root 4.0K Jul 14 2023 bin
drwxr-xr-x 2 root root 4.0K Jul 14 2023 site-docs
drwxr-xr-x 2 root root 4.0K Jul 14 2023 site-docs
drwxr-xr-x 2 root root 4.0K Jul 25 13:38 libs
root@server-cp-zidhan-2:/home/kafka_2.13-3.5.1# cd ../
root@server-cp-zidhan-2:/home# ls -ltrh
total 102M
drwxr-xr-x 7 root root 4.0K Jul 14 2023 kafka_2.13-3.5.1
drwxr-x--- 4 infra infra 4.0K Jul 23 15:38 infra
-rwxr-x--- 1 root root 102M Jul 25 13:38 kafka_2.13-3.5.1.tgz
root@server-cp-zidhan-2:/home#
```

2. mv Kafka to /usr/local/kafka

```
root@server-cp-zidhan-2:/usr/local# mv kafka_2.13-3.5.1/ kafka
root@server-cp-zidhan-2:/usr/local# ls -ltrh

total 36K
drwxr-xr-x 2 root root 4.0K Apr 23 09:37 src
lrwxrwxrwx 1 root root 9 Apr 23 09:37 man -> share/man
drwxr-xr-x 2 root root 4.0K Apr 23 09:37 include
drwxr-xr-x 2 root root 4.0K Apr 23 09:37 games
drwxr-xr-x 2 root root 4.0K Apr 23 09:37 etc
drwxr-xr-x 2 root root 4.0K Apr 23 09:37 bin
drwxr-xr-x 2 root root 4.0K Apr 23 09:40 sbin
drwxr-xr-x 3 root root 4.0K Apr 23 09:40 lib
drwxr-xr-x 7 root root 4.0K Jul 23 12:11 share
drwxr-xr-x 3 root root 4.0K Jul 25 13:44 kafka
root@server-cp-zidhan-2:/usr/local/kafka# ls -ltrh
total 4.0K
drwxr-xr-x 7 root root 4.0K Jul 14 2023 kafka_2.13-3.5.1
root@server-cp-zidhan-2:/usr/local/kafka# ■
```

3. Isi zookeeper.service

```
[Unit]
Description=Apache Zookeeper server
Documentation=http://zookeeper.apache.org
Requires=network.target remote-fs.target
After=network.target remote-fs.target
[Service]
Type=simple
Execstart=yus/bin/bash /usr/local/kafka/bin/zookeeper-server-start.sh /usr/local/kafka/config/zookeeper.properties
Execstart=on-abnormal
[Install]
WantedBy=multi-user.target

""zookeeper.service" 14L, 4308
```

4. Isi kafka.service [ada perubahan di param Environment terkait JDK yang terinstall]

5. Status Zookeeper-kafka & Kafa setelah reload daemon, enable service, start service dengan default Configuration system.

```
root@server-cp-zidhan-2:-# systemctl status zookeeper kafka

zookeeper.service - Apache Zookeeper server
Loaded: loaded (/etc/systemd/system/zookeeper.service; enabled; preset: enabled)
Active: active (running) since Thu 2024-07-25 14:08:22 UTC; lmin 6s ago
Docs: http://zookeeper.apache.org
Main PID: 17279 (java)
Tasks: 41 (limit: 19049)
Memory: 71.2M (peak: 71.9M)
CPU: 1.419s
CGroup: /system.slice/zookeeper.service
- 17279 java - Xmx512M - Xms512M - Xms512M - Server - XX:+Use010C - XX:MaxGCPauseMillis=20 - XX:InitiatingHeapDccupancyPercent=35 - XX:+ExplicitGCInvokesConcurrent - XE-100 - Xms512M - X
```

6. Modify configuration server.properties

Isinya: [Saya ubah zk-connectnya ke IP server yang digunakan dan Logdirs nya ke /data/kafka-logs]

7. Modify configuration zookeeper.properties [Saya ubah dataDirnya ke /data/zookeeper]

```
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#
# http://www.apache.org/licenses/LICENSE-2.0
#
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# distributed under the License is distributed on an "AS IS" BASIS,
# WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
# See the License for the specific language governing permissions and
# limitations under the License.
# the directory where the snapshot is stored.
dataDir=/data/zookeeper
# the port at which the clients will connect
clientPort=2181
# disable the per-ip limit on the number of connections since this is a non-production config
maxClientCnxns=0
# Disable the adminserver by default to avoid port conflicts.
# Set the port to something non-conflicting if choosing to enable this
admin.enableServer=false
# admin.serverPort=8080

""zookeeper.properties" 24L, 12068
```

8. After modify configuration systemctl restart zookeeper & kafka

```
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```