directory:

- /opt/kafka

- /opt/kafka/zookeeper

- /opt/kafka/zookeeper/data

- /opt/kafka/zookeeper/log

- tar\_file:

- /home/aman/ansible/zookeeper/zookeeper-3.4.6.tar.gz

- /home/aman/ansible/kafka/kafka\_2.13-2.5.0.tgz

- files:

- /opt/kafka/zookeeper/data/pid

- /opt/kafka/zookeeper/log/zookeeper.out

- kafka:

service:

dest: /etc/systemd/system/kafka.service

content: |

[Unit]

Description=Kafka

[Service]

Type=simple

User=kafka

ExecStart=/opt/kafka/kafka\_2.13-2.5.0/bin/kafka-server-start.sh /opt/kafka/kafka\_2.13-2.5.0/config/server.properties

ExecStop=/opt/kafka/kafka\_2.13-2.5.0/bin/kafka-server-stop.sh

Restart=on-abnormal

[Install]

WantedBy=multi-user.target

- zookeeper:

service:

dest: /etc/systemd/system/zookeeper.service

content: |

[Unit]

Description=Zookeeper

Requires=network.target

After=network.target

[Service]

Type=forking

User=kafka

Group=kafka

Environment=ZOOBINDIR=/opt/kafka/zookeeper-3.4.6/bin

Environment=ZOOCFGDIR=/opt/kafka/zookeeper-3.4.6/conf

Environment=ZOOCFG=zoo\_sample.cfg

Environment=ZOO\_LOG\_DIR=/opt/kafka/zookeeper/log

Environment=ZOO\_DATADIR=/opt/kafka/zookeeper/data

ExecStart=/opt/kafka/zookeeper-3.4.6/bin/zkServer.sh start

ExecStop=/opt/kafka/zookeeper-3.4.6/bin/zkServer.sh stop

Restart=/opt/kafka/zookeeper-3.4.6/bin/zkServer.sh restart

[Install]

WantedBy=multi-user.target

config:

dest: /opt/kafka/zookeeper-3.4.6/conf/zoo\_sample.cfg

content: |

dataDir=/opt/kafka/zookeeper/data

clientPort=2181

maxClientCnxns=200

tickTime=2000

ZOOBINDIR=/opt/kafka/zookeeper-3.4.6/bin

ZOOCFGDIR=/opt/kafka/zookeeper-3.4.6/conf

ZOO\_LOG\_DIR=/opt/kafka/zookeeper/log1

ZOO\_DATADIR=/opt/kafka/zookeeper/data

ZOOPIDFILE=/opt/kafka/zookeeper/pid

server.1=10.4.0.32:2888:3888

initLimit=20

syncLimit=10

- properties:

host1.id:

regexp: "^broker.id=0"

line: "broker.id=1"

ip: "10.4.0.31"

host1.listener:

regexp: "^#listeners=PLAINTEXT://:9092"

line: 'listeners=PLAINTEXT://10.4.0.31:9092'

ip: "10.4.0.31"

host2.id:

regexp: "^broker.id=0"

line: "broker.id=2"

ip: "10.4.0.32"

host2.listener:

regexp: "^#listeners=PLAINTEXT://:9092'"

line: 'listeners=PLAINTEXT://10.4.0.32:9092'

ip: "10.4.0.32"

host3.ip:

regexp: "^broker.id=0"

line: "broker.id=3"

ip: "10.4.0.33"

host3.listener:

regexp: "^#listeners=PLAINTEXT://:9092"

line: 'listeners=PLAINTEXT://10.4.0.33:9092'

ip: "10.4.0.33"