1

Zookeeper is a naming registry used in distribution systems for service synchronization.

In **Kafka**, Zookeeper manages and tracks the status of the Kafka cluster's nodes, topics, and messages.

To start the Zookeeper server, run it in the terminal and pass the server properties as an argument. Your task here is to start the Zookeeper server.

2

If you're unsure how to run the Zookeeper server from the `bin` directory, click the "Show Hint" button below.

Hide Hint

- The `zookeeper-server-start.sh` file is in the `/usercode/kafka/bin` directory. Run it and pass the `server.properties` file as an argument.
- The `server.properties` file is located in the `/usercode/kafka/config` directory.

3

If you're unsure which command starts the Zookeeper, click the "Show Solution" button to view it.

Hide Solution

- You are currently in the `/usercode/kafka` directory. Run the following command to move to the `kafka/bin` directory:

```
cd bin
```

4

- Run the `zookeeper-server-start.sh` file and pass the `server.properties` file to it as an argument. Use the following command to do this:

```
./zookeeper-server-start.sh ../config/zookeeper.properties
```

Once the Zookeeper server has started, start the Kafka server.