



# Produce and consume messages

In this tutorial, we will:

- Configure the Pulsar client
- Create a subscription
- Create a producer
- Send test messages
- Verify the results

## Prerequisites

- [Set up a tenant](#)
- [Create a namespace](#)
- [Create a topic](#)

## Produce and consume messages

1. In the  `${PULSAR_HOME}/conf/client.conf` file, replace `webServiceUrl` and `brokerServiceUrl` with your service URL.
2. Create a subscription to consume messages from `apache/pulsar/test-topic`.

```
1 bin/pulsar-client consume -s sub apache/pulsar/test-topic -n 0
```

3. In a new terminal, create a producer and send 10 messages to test-topic.

```
1 bin/pulsar-client produce apache/pulsar/test-topic -m "-----hello  
apache pulsar-----" -n 10
```

4. Verify the results.

```
1 ----- got message -----  
2 -----hello apache pulsar-----  
3 ----- got message -----  
4 -----hello apache pulsar-----  
5 ----- got message -----
```

```
6 -----hello apache pulsar-----
7 ----- got message -----
8 -----hello apache pulsar-----
9 ----- got message -----
10 -----hello apache pulsar-----
11 ----- got message -----
12 -----hello apache pulsar-----
13 ----- got message -----
14 -----hello apache pulsar-----
15 ----- got message -----
16 -----hello apache pulsar-----
17 ----- got message -----
18 -----hello apache pulsar-----
19 ----- got message -----
20 -----hello apache pulsar-----
21
22 Output from the producer side shows the messages have been produced
successfully:
23 18:15:15.489 [main] INFO org.apache.pulsar.client.cli.PulsarClientTool - 10
messages successfully produced.
```

## Related Topics

- [Manage clusters](#)

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