

Blueventure:
Blockchain LabTrack-and-Trace Blockchain
Workshop for Hyperledger
Fabric 2.2 (BETA)▼ Create a Hyperledger Fabric
Network

► Create Network & Member

► Accept invite and create
Supplier member

Congratulations

► Setup Development
Environment

► Set up a Fabric client

► Write and deploy chaincode

▼ Invoking chaincode via API

Deploy CDK application

Store user secrets

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▼ AWS account access

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Run test queries

Your last step will be to execute a test query to verify that the new API is working properly. Select **Queries** from the left sidebar in AppSync. Click **Login with User Pools**, select the user pool client ID from the first drop-down, then put in a username for one of your workers. `rtworker` should work for the Retailer, and `spworker` for the Supplier. For each user, the password can be retrieved from AWS Secrets Manager via your Cloud9 environment terminal. Enter the password for the user you wish to log in as and click **Login**.

You can retrieve passwords as follows:

```
1 # get password for worker 1 (rtworker or spworker)
2 aws secretsmanager get-secret-value --secret-id="HLF-MEMBER-PW-NETWORK-${NETWORKID}-ACCOUNT-${WORKER1_NAME}" | jq -r ".SecretString"
3
4 # get password for worker 2 (rtseller or spinspector)
5 aws secretsmanager get-secret-value --secret-id="HLF-MEMBER-PW-NETWORK-${NETWORKID}-ACCOUNT-${WORKER2_NAME}" | jq -r ".SecretString"
```

Queries

Write, validate, and test GraphQL queries. [Info](#)

Select the authorization provider to use for running queries on this page:

Amazon Cognito User Pool - us-east-1_8cuJ2haVM



Login with User Pools

Login via Cognito User Pools

ClientId

7eii1m0p2ht78vfvg09tu87ihj

Username

rtworker

Password

.....

Cancel

Login

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After logging in, try pasting the following query in and executing it by clicking the orange play icon.

```
1  query GetProduct {
2    product(id: "TEST1234") {
3      id
4      state
5      history {
6        manufactured
7        inspected
8        shipped
9        labeled
10       stocked
11       sold
12     }
13   }
14 }
```



It should return the record you created earlier in module three.



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[AWS AppSync](#) > [SupplyChain API](#) > [Queries](#)

Queries

Write, validate, and test GraphQL queries. [Info](#)

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Amazon Cognito User Pool - us-east-1_... ▼



Logout rtworker

< Docs

```
1 query GetProduct {  
2   product(id: "TEST1234") {  
3     id  
4     state  
5     history {  
6       manufactured  
7       inspected  
8       shipped  
9       labeled  
10      stocked  
11      sold  
12    }  
13  }  
14 }  
15
```

```
{  
  "data": {  
    "product": {  
      "id": "TEST1234",  
      "state": "sold",  
      "history": {  
        "manufactured": "2020-08-14T17:58:15.432Z",  
        "inspected": "2020-08-14T17:58:27.357Z",  
        "shipped": "2020-08-14T17:58:36.083Z",  
        "labeled": "2020-08-14T17:59:15.281Z",  
        "stocked": "2020-08-14T17:59:08.987Z",  
        "sold": "2020-08-14T17:59:21.448Z"  
      }  
    }  
  }  
}
```

QUERY VARIABLES

LOGS

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