

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  
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## Generate configurations

The frontend requires some settings that are unique to the infrastructure that has been deployed during this workshop. The following commands retrieve these settings and save them to files that will be read by the React app on startup.

 Execute the following steps from your Cloud9 terminal.

Retrieve Cognito and AppSync information and write into `src/aws-exports.js` file

```

1 export POOLID=$(aws cognito-idp list-user-pools --max-results 60 | jq -r '.UserPools | .[] | select(.Name == "ambSupplyChainUsers") | .[] | .UserPoolId')
2 export CLIENTID=$(aws cognito-idp list-user-pool-clients --user-pool-id $POOLID | jq -r '.UserPoolClients[0].ClientId')
3 export GRAPHQL_ENDPOINT=$(aws appsync list-graphql-apis | jq -r '.graphqlApis | .[] | select(.name == "AMBSupplyChainAPI" and .authenticationType == "API_KEY") | .[] | .graphqlEndpoint')
4
5 cat <<EOT > $HOME/environment/amb-hf-workshop-supplychain-app/frontend/src/aws-exports.js
6 const awsconfig = {
7   aws_project_region: "$AWS_DEFAULT_REGION",
8   aws_cognito_region: "$AWS_DEFAULT_REGION",
9   aws_user_pools_id: "$POOLID",
10  aws_user_pools_web_client_id: "$CLIENTID",
11  aws_appsync_graphqlEndpoint: "$GRAPHQL_ENDPOINT",
12  aws_appsync_region: "$AWS_DEFAULT_REGION",
13  aws_appsync_authenticationType: "AMAZON_COGNITO_USER_POOLS",
14  aws_mandatory_sign_in: true
15 };
16 export default awsconfig;
17 EOT

```

Retrieve users' credentials and write into `src/workerNames.js` file

```

1 export WORKER1_PASSWORD=$(aws secretsmanager get-secret-value --secret-id="HLF-MEMBER-PW-NETWORK-${NETWORKID}-ACCOUNT-${WORKER1_NAME}" | jq -r '.SecretString')
2 export WORKER2_PASSWORD=$(aws secretsmanager get-secret-value --secret-id="HLF-MEMBER-PW-NETWORK-${NETWORKID}-ACCOUNT-${WORKER2_NAME}" | jq -r '.SecretString')
3
4 cat <<EOT > $HOME/environment/amb-hf-workshop-supplychain-app/frontend/src/workerNames.js
5 const workerNames = {
6   "worker1": "$WORKER1_NAME",
7   "worker2": "$WORKER2_NAME",
8   "worker1Password": "$WORKER1_PASSWORD",
9   "worker2Password": "$WORKER2_PASSWORD"
10 };
11
12

```

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```
export default workerNames;  
EOT
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https://catalog.us-east-1.prod.workshops.aws/event/dashboard/en-US/workshop/05-building-a-frontend/02-generate-config-files

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