Blueventure: Blockchain Lab ✕

Track-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

▼ **Building a frontend**

  Install dependencies

  Generate configurations

▼ **AWS account access**

Open AWS console (us-east-1) ⧉

Get AWS CLI credentials

Exit event

Building a frontend

ⓘ You must have completed the prior modules for the commands in this one to work properly, or your account must have been provisioned using our project automation scripts.

Now that you have a GraphQL API exposing your blockchain data and making sure that only authorized users have access, you're ready to build a frontend that users can use to interact with the system in a more accessible way. The following architectural diagram shows the infrastructure that you've deployed so far, plus the new features you'll be deploying in this module.

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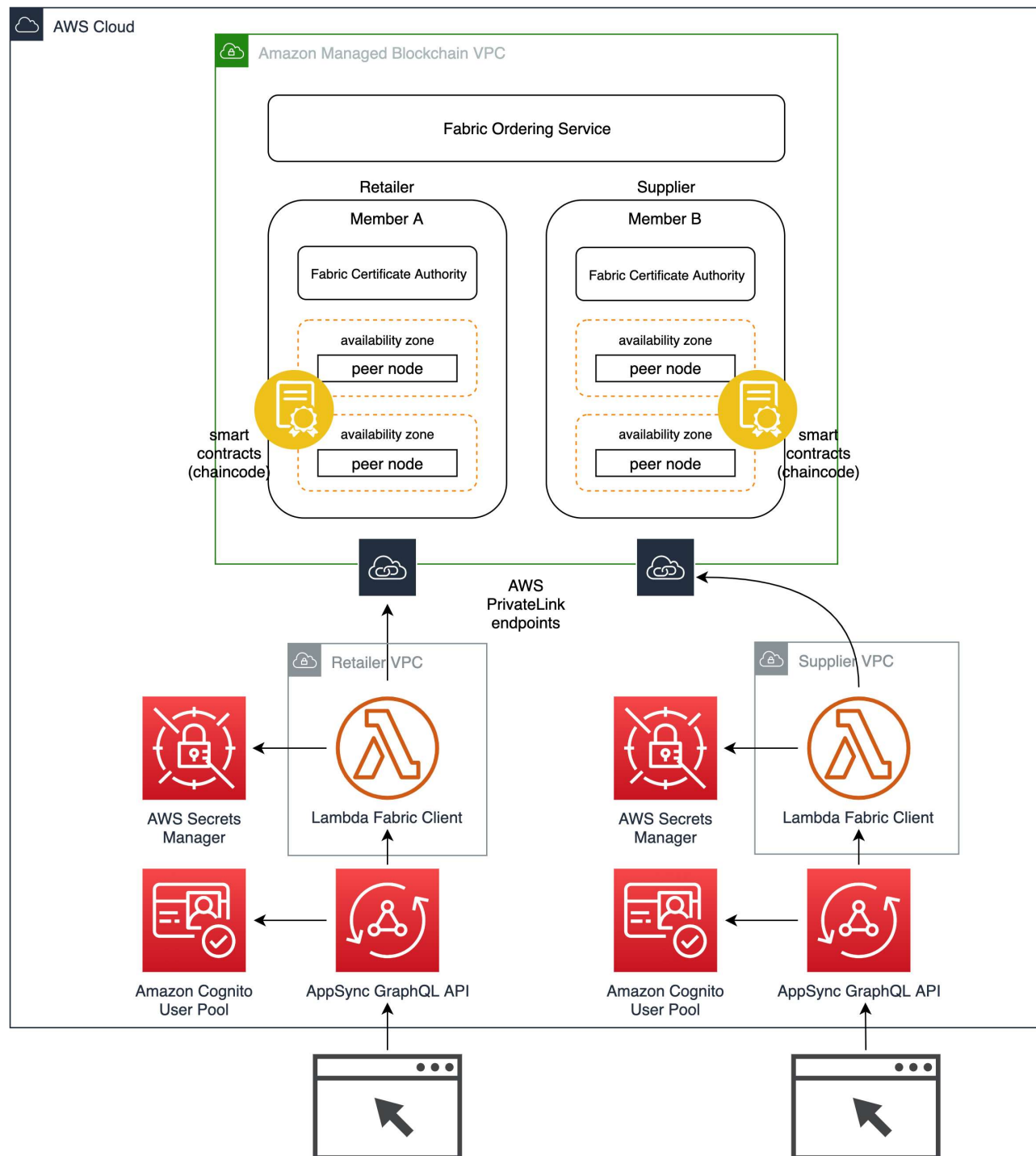
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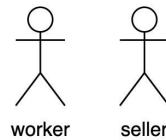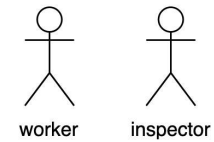
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Web UI

worker   seller

Web UI

worker   inspector

The frontend you'll be building is written in React [↗], a popular open-source framework for web development. React is also well-suited to interacting with GraphQL data sources.

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