10/19/23, 8:39 AM Blueventure: Blockchain Lab

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Track-and-Trace Blockchain Workshop for Hyperledger Fabric 2.2 (BETA)

- Create a Hyperledger Fabric
 Network
 - Create Network & Member
 - Accept invite and createSupplier member

Create CloudFormation Template

Deploy the

CloudFormation Stack

Using the AWS Mgmt. Console

Congratulations

- Setup Development Environment
- ▼ AWS account access

Open AWS console (us-east-1)

Get AWS CLI credentials

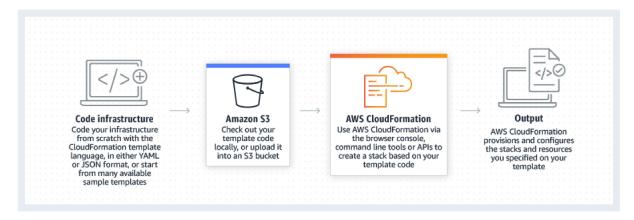
Exit event

<u>Event dashboard</u> > <u>Create a Hyperledger Fabric Network</u> > **Accept invite and create Supplier member**

Accept invite and create Supplier member

This step will make use of the AWS CloudFormation , which is an AWS service that gives developers and systems administrators an easy way to create and manage a collection of related AWS resources, provisioning and updating them in an orderly and predictable fashion.

Rather than deploying resources in a one-off, manual fashion, CloudFormation allows us to define our infrastructure as code, which is a core concept in modern DevOps.



Using a CloudFormation template that defines the desired blockchain resources to be deployed, CloudFormation will deploy a *stack* that will accept the invitation to the Supply Chain network as the Supplier member and automate the deployment of its member and two peers.

At the end of this section, you will have a 2-member blockchain network using Hyperledger Fabric on Amazon Managed Blockchain!

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