

**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**

Create a Cloud9  
environment

IAM Configuration

Modify Cloud9 IAM role

- ▶ Set up a Fabric client
- ▶ Write and deploy chaincode

▼ **AWS account access**

[Open AWS console  
\(us-east-1\)](#)

[Get AWS CLI credentials](#)

Exit event

[Event dashboard](#) > Setup Development Environment

## Setup Development Environment

With the exception of a few short commands, minimal typing is necessary to complete the workshop.

As you encounter source code, it is not necessary to understand how all of it works. We will explain the important points to note at each step. We provide the full source code to facilitate a "from-scratch" workshop where no accompanying source code repository is necessary, and for those who wish to study the code in more detail.

### Watch your AWS region carefully

Make sure you are in a region that supports Amazon Managed Blockchain and that you remain in the same region for the duration of the workshop. Resources created in a different region will not be able to access your blockchain network. Currently supported regions for Amazon Managed Blockchain are:

- N. Virginia (us-east-1)
- Ireland (eu-west-1)
- London (eu-west-2)
- Tokyo (ap-northeast-1)
- Seoul (ap-northeast-2)
- Singapore (ap-southeast-1)

If you inadvertently create resources in the wrong region, delete them and try again in the right region. This workshop contains examples that use the `us-east-1` region. If you are using any of the above regions other than `us-east-1`, simply change the region where applicable such that all resources are created in the same region.

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