Discovering Blockchain Technology with IBM

An IBM Proof of Technology

IBM Software

Introduction

Blockchain is a shared, replicated ledger that sets out to provide the foundation for a new generation of transactional applications that establish trust and transparency, while streamlining business processes. Are you curious about blockchain and how it can impact your business? This one-day Free hands-on workshop will introduce you to this technology with a deeper dive on the Linux Foundation Hyperledger Composer, Hyperledger Fabric, and IBM Blockchain on Bluemix.

Objective

The objective of the event is to enable attendees to become familiar with the concepts, operation, and benefits of a blockchain. Attendees will be introduced to the Hyperledger Composer and how to model business networks. Concepts introduced during the presentations are reinforced with a combination of live demonstrations and hands-on lab exercises. At the end of this workshop, attendees will have a better understanding on how to develop business networks and applications that access the Hyperledger Fabric.

Audience

This is aimed at business and technical representatives. In the morning, the focus is on business concepts and in the afternoon the focus is more technical, appropriate for developers and architects. The workshop assumes no current knowledge of blockchain or its current uses.

Agenda

The one day agenda includes:

Blockchain Explained	Understanding what blockchain is, why it is important, industry use cases, and how IBM can help.
Vehicle Lifecycle Scenario	Introducing the scenario being used in the introductory lab.
Lab*: Vehicle Lifecycle Lab	Demo and brief hands-on introductory lab to learn key blockchain concepts using a real-world scenario.
Blockchain Composed	Introduction to Hyperledger Composer for accelerating blockchain implementations.
Lab*: Hyperledger Composer Playground	Hands-on lab to learn how to use the Hyperledger Composer Playground in IBM Bluemix.
Lab*: Hyperledger Composer Developer Tutorial	Hands-on lab to learn how to quickly model business networks and develop applications using the Hyperledger Composer framework and tooling plug-ins.
Blockchain Architected	Learn the architectural considerations for a Hyperledger Fabric blockchain implementation.
Blockchain Explored	Learn the different components of Hyperledger Fabric and how consensus works.
Lab*: Fabric Development Lab	Hands-on lab to learn how to use the Hyperledger Fabric Node SDK to query and update the ledger.
Next Steps	Learn how a Design Thinking workshop is used to explore and elaborate a use case.

* Note: The workshop runs on the IBM provided laptops and in the IBM Bluemix cloud.

Cost

This hands-on workshop is offered free of charge. Participants are responsible for their own business travel expenses.

Event Date & Time

October 11, 2017
8:30 am EST – 4:30 PM EST

Location & Parking

IBM Technical Exploration Center - 1st Floor, Suite 120
8401 Greensboro Drive
McLean, VA 22102.
Parking: Below the building for about $11/day. Credit Cards only.

Registration

To register for the event visit: www.ibmevents.info