



Hyperledger Blockchain sessions at VMWorkshop 2017



BLOCKCHAIN ON LINUXONE, THE NEW REVOLUTIONARY TRANSACTION MODEL

6/22 Thursday 13:45 Room 2 – Sphinx by Wilhelm Mild (IBM)

Blockchain is a new technology that can increase the efficiencies and economics at companies by creating a more robust environment for real-time and secure recording of transactional workloads using a distributed shared ledger in the most secure environment on z Systems.

MANAGING THE BLOCKCHAIN ON LINUX ON Z SYSTEMS

6/22 Thursday 15:00 Room 2 – Sphinx by Michael Sine(IBM)

Blockchain is quickly moving from a theoretical application development model to a running and working application set in the enterprise. Many customers are looking to implement blockchain on Linux on z Systems. Blockchain often consists of the blockchain application, containers, and/or the Operating System. As with all enterprise solutions, monitoring and managing the solution is an important part of maintaining the implementation. The speaker will discuss the blockchain model on Linux on z Systems and help customers to introduce their monitoring and managing best practices into this new application model. A focus on what's available today and what the future may hold will be reviewed.

LESSONS LEARNED FROM RUNNING HYPERLEDGER DEMOS ON z/VM LINUX

6/23 Friday 11:30 Room 6 - Hays Cape Room by Alex Kim (Vicom Infinity)

Hyperledger is a distributed ledger standard/protocol by Linux Foundation using Blockchain technology which was introduced with Bitcoin Crypto Currency. It is designed to support Enterprise grade security, high availability and scalability for various industries' critical business applications using distributed/shared database. In this presentation, Alex will share some of the lessons he learned from installing, converting and debugging Hyperledger demo codes running on z/VM Linux systems. He will also show some of Hyperledger demo apps running on z/VM Linux.

HYPERLEDGER FABRIC-COMPOSER HANDS ON LAB 1&2

BRING YOUR OWN LAPTOP

6/23 Friday 13:45 – 16:00 Room 5 -Senate Chamber by Alex Kim(VI) & Steven LaFalce(IBM)

Fabric-composer is a development tool to create and deploy blockchain application for Hyperledger Fabric. In this short lab, we will try to show steps for creating business rules, applying application code and deploy the results of the blockchain application to Hyperledger fabric using fabric composer tool. **Personal laptop/notebook PC with web browser and SSH client are required to participate the lab. Pre-sign up is recommended. Prepare/download ssh client(PuTTY) and sign up for LinuxONE community cloud for z below (enter keyword 'VMWorkshop' in the 'Description of your project' section and select SLES12 / MEDIUM size server. Access to email and text msg thru phone is required)**



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