

UNIVERSITY *of the*
CUMBERLANDS



BLCN 532
Blockchain development
Chapter 12

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Chapter 12

- The Future of Blockchain and the Challenges Ahead
 - Blockchain is a rapidly maturing technology
 - Many issues remain unresolved
 - Security is an important issue
 - Migration from centralized models can be difficult
 - The challenge is to mature beyond Proof of Concept (PoC)



Summary of key Hyperledger Projects

Hyperledger framework - business blockchain technology

- More than just Fabric

Hyperledger tools

- Empowers blockchain development and deployment in multiple types of environments

Hyperledger Composer

- **DEPRECATED**
- Set of collaboration tools now integrated in Hyperledger Fabric v1.4



The Road Ahead

Addressing the divide

- Enterprise blockchain and crypto asset-driven ecosystem

Interoperability

- Business service integration

Scalability and economic viability

Staying Engaged With Hyperledger

Understanding business
drivers

Understanding technology
drivers

Key focus areas

- Digital identities
- Digital assets (including currency)
- Cyber-physical integration
- Security
- Governance



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