

CBDH^{Q&As}

BTA Certified Blockchain Developer - Hyperledger

Pass Blockchain CBDH Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.pass2lead.com/cbdh.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Blockchain
Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers



QUESTION 1

Hyperledger Fabric Ledger has two parts. What are they?

- A. Stateless Data and Snapshots
- B. State Data and Transaction Logs
- C. State Data and Membership Logs
- D. Stateful Data and Membership Logs
- E. State data and Snapshots

Correct Answer: B

Representation of current state of the assets. Asset state data can be changed upon changes to the state of the data.
?Transaction Logs: Record of all the transactions (in the order they are received) which modified the state data, and once the data is written it is immutable and cannot be changed.

QUESTION 2

The Hyperledger Project consists of the following EXCEPT?

- A. Infrastructure
- B. Tools
- C. Framework
- D. Management

Correct Answer: D

Management is not correct. The Hyperledger Project consists of the following Infrastructure - Ecosystems that accelerate open development and commercial adoption Frameworks ?A portfolio of differentiated approaches to business blockchain frameworks developed by a growing community of communities Tools

- Typically built for one framework, and through common license and community of communities approach, ported to other frameworks hyperledger.org.

QUESTION 3

Which Hyperledger Fabric ordering mechanism is recommended for production use?

- A. BFT
- B. Kafka
- C. SBFT

D. SOLO

Correct Answer: B

Kafka is the Hyperledger Fabric ordering mechanism that is recommended for production use. This ordering mechanism utilizes Apache Kafka, an open source stream processing platform that provides a unified, high-throughput, low-latency platform for handling real-time data feeds.

QUESTION 4

Blockchain services consists of three major components. What are they? (Select three.)

- A. Consensus Manager
- B. Distributed Ledger
- C. Peer to Peer Protocol
- D. Reputation Manager
- E. Membership Services

Correct Answer: ABC

1.

P2P Protocol is implemented over HTTP/2 standards and uses Google RPC.. P2P components defines messages used by peer nodes, from point to point to multicast.

2.

Distributed Ledger manages the world state and the transaction log in the blockchain.

3.

Consensus Manager defines the interface between the consensus algorithm and the other Hyperledger components.

QUESTION 5

Advantages of using Composer: A. Reduced lime to market

- B. Hides the complexity of the DLT technology
- C. Offers Domain/Business modelling capabilities
- D. All of the above

Correct Answer: D

QUESTION 6

The business network definitions are packaged into what file?

- A. .cto
- B. .acl
- C. .bnd
- D. .bna

Correct Answer: D

Explanation. bna is also known as a "banana" file in the hyperledger world. Before a business network definition can be deployed it must be packaged into a Business Network Archive (.bna) file. The composer archive create command is used to create a business network archive file from a business network definition folder on disk.

QUESTION 7

Members of the Hyperledger Fabric DLT network may be allowed to issue certificates to their employees and for their infrastructure

- A. FALSE
- B. TRUE

Correct Answer: B

QUESTION 8

Hyperledger Fabric is a blockchain implementation that is designed for deploying a modular and extensible architecture.

Which of the following is NOT true about the architecture of Hyperledger?

- A. It is modular and extensible
- B. It allows for interoperability
- C. It has a native cryptocurrency token
- D. It has a rich API development capacity

Correct Answer: C

It has a modular subsystem design so that different implementations can be plugged in and implemented over time. Modular and extensible means modularity in all components of all frameworks, including: Consensus layer Smart contract layer Communication Layer Data Store Identity services (root of trust, to identify the participants).

QUESTION 9

Hyperledger Composer has the following two main components.

- A. Composer Framework and a Business Network Archive
- B. Composer Playground and a Business Network Configuration
- C. Composer Playground and a Business Network Archive
- D. Distributed Ledger and a Business Network Archive
- E. Distributed Ledger and Composer playground

Correct Answer: C

There are two parts: 1. Business Network Archive which essentially captures the core data in a business network, including the business model, transaction logic, and access controls, the Business Network Archive packages these elements up and deploys them to a runtime. Business Network Archive files are stored as ".bna" files. AND 2. Composer Playground which is web-based tool allows developers to learn Hyperledger Composer, model out their business network (domain), test that network, and deploy that network to a live instance of a blockchain network. The playground keeps the development model in browser storage, allowing them to be easily uploaded or downloaded.

QUESTION 10

REST (Representational State Transfer) Server is often used to proxy requests to Hyperledger chaincode. What value does using REST APIS provide?

- A. Provides a well-defined process for accessing blockchain services.
- B. Provides a well-defined middleware for connecting to off chain services such as Bitcoin.
- C. Provides a well-defined middleware for connecting to blockchain services.
- D. Provides a well-defined process for accessing web services.

Correct Answer: A

A REST (Representational State Transfer) Server is often used to proxy requests to Hyperledger chaincode. This provides a well defined process for accessing blockchain services.

QUESTION 11

What is a transaction request sent from a client or admin user to one or more peers in a network?

- A. Chaincode
- B. Proposal
- C. Update
- D. RPC

Correct Answer: B

Proposal is A transaction request sent from a client or admin user to one or more peers in a network; examples include deploy, invoke, query, or configuration request. <https://fabrictestdocs.readthedocs.io/en/latest/glossary.html>

QUESTION 12

What is the initial setup of a network which policies, system chaincodes, and cryptographic materials (certs) are disseminated amongst participants are defined to establish trust?

- A. Chaining
- B. Instantiaton
- C. Bootstrapping
- D. Subnetting

Correct Answer: C

The application is bootstrapped knowing about a group of peers which are trusted by the application developer/administrator to provide authentic responses to discovery queries. There is the bootstrap of a peer network, during which policies, system chaincodes, and cryptographic materials (certs) are disseminated amongst participants, and the bootstrap of an ordering network. The bootstrap of the ordering network must precede the bootstrap of the peer network, as a peer network is contingent upon the presence of an ordering service. A network need only be "bootstrapped" once.

QUESTION 13

Hyperledger Fabric Consensus is planned out into 3 phases. (Select three.)

- A. Validation
- B. Scheduling
- C. Ordering
- D. Endorsement
- E. Processing
- F. Batching

Correct Answer: ACD

QUESTION 14

When creating a network according to an organization's structure and also bootstrap a channel what are the following artifacts we would need to generate?

- A. Genesis Block, License File and Anchor Peer Configs for each organization.
- B. Genesis Block, ledger Configuration and Anchor Peer Configs for each organization.

- C. Genesis Block, Channel Configuration and Anchor Peer Configs for each organization.
- D. Genesis Block, Channel Configuration and Anchor MSP Configs for each organization.

Correct Answer: C

To create a network according to an organization's structure, and to bootstrap a channel, we will need to generate the following artifacts: A genesis block, containing organization-specific certificates that serve to initialize the Fabric blockchain. Channel configuration information. Anchor peer configurations for each organization. An anchor peer serves as a fulcrum within an organization, for cross-organization ledger syncing using the Fabric gossip protocol.

QUESTION 15

When reviewing chaincode you see a function called "ChaincodeStubInterface" in the program. What does this function do?

- A. It is used to access the ledger.
- B. It is used to access the chaincode interface.
- C. It is used to access the ledger and modify the ledger.
- D. It is used to stop the chaincode interface.

Correct Answer: C

[CBDH Practice Test](#)

[CBDH Study Guide](#)

[CBDH Braindumps](#)