



Up-to-date Questions and Answers from authentic resources to improve knowledge and pass the exam at very first attempt. ---- Guaranteed.



CBDH Dumps
CBDH Braindumps
CBDH Real Questions
CBDH Practice Test
CBDH Actual Questions



killexams.com

BlockChain

CBDH

BTA Certified Blockchain Developer Hyperledger

ORDER FULL VERSION

<https://killexams.com/pass4sure/exam-detail/CBDH>



Question:119

What Hyperledger sponsored tool is a new open-source application development framework, which simplifies the creation of Hyperledger Fabric blockchain applications, thus reducing the time and complexity of development.

The tool aims at helping users to create blockchain applications based on Hyperledger Fabric without needing to know the low-level (Go Programming) details involved in blockchain networks?

- A. Hyperledger Quilt
- B. Hyperledger Composer
- C. Hyperledger Explorer
- D. Hyperledger Cello

Answer: B

Explanation:

There is a new open-source application development framework, which simplifies the creation of Hyperledger Fabric blockchain applications, thus reducing the time and complexity of development. The tool aims at helping users to create blockchain applications based on Hyperledger Fabric without needing to know the low-level (Go Programming) details involved in blockchain networks.

Question: 119

What Hyperledger sponsored tool is a new open-source application development framework, which simplifies the creation of Hyperledger Fabric blockchain applications, thus reducing the time and complexity of development.

The tool aims at helping users to create blockchain applications based on Hyperledger Fabric without needing to know the low-level (Go Programming) details involved in blockchain networks?

- A. Hyperledger Quilt
- B. Hyperledger Composer
- C. Hyperledger Explorer
- D. Hyperledger Cello

Answer: B

Explanation:

There is a new open-source application development framework, which simplifies the creation of Hyperledger Fabric blockchain applications, thus reducing the time and complexity of development. The tool aims at helping users to create blockchain applications based on Hyperledger Fabric without needing to know the low-level (Go Programming) details involved in blockchain networks.

Question: 120

The CA (Certificate Authority) in Hyperledger Fabric issues the certificates. These certificates are used for identity validation and for transmission of encrypted data that only the owner (person, organization or software) of a specific certificate is able to decrypt and read.

What types of certificates are issued by the CA?

- A. tcert
- B. ecert
- C. rootcert

Answer: ABC

Explanation:

Rootcert, tcert and ecert. As The CA (Fabric CA by default) issues a root certificate (rootCert) to each member (organization or individual) that is authorized to join the network. The CA also issues an enrollment certificate (eCert) to each member component, server-side applications and occasionally end users. Each enrolled user is granted an allocation of transaction certificates (tCerts). Each tCert authorizes one network transaction.

Question: 120

The CA (Certificate Authority) in Hyperledger Fabric issues the certificates. These certificates are used for identity validation and for transmission of encrypted data that only the owner (person, organization or software) of a specific certificate is able to decrypt and read.

What types of certificates are issued by the CA?

- A. tcert
- B. ecert
- C. rootcert

Answer: ABC

Explanation:

Rootcert, tcert and ecert. As The CA (Fabric CA by default) issues a root certificate (rootCert) to each member (organization or individual) that is authorized

to join the network. The CA also issues an enrollment certificate (eCert) to each member component, server-side applications and occasionally end users. Each enrolled user is granted an allocation of transaction certificates (tCerts). Each tCert authorizes one network transaction.

Question: 121

The gossip data dissemination protocol performs which three functions? (Choose three.)

- A. Manages peer discovery and channel membership**
- B. Disseminates ledger data across all peers on the channel**
- C. Manages channel membership only**
- D. Sync ledger state across all peers on any channel**
- E. Sync ledger state across all peers on the channel**
- F. Manages peer discovery only**

Answer: ABE

Explanation:

Gossip Protocol The gossip data dissemination protocol performs three functions Manages peer discovery and channel membership Disseminates ledger data across all peers on the channel Syncs ledger state across all peers on the channel.

Reference: <https://hyperledger-fabric.readthedocs.io/en/v1.1.0-alpha/gossip.html>

Question: 121

The gossip data dissemination protocol performs which three functions? (Choose three.)

- A. Manages peer discovery and channel membership**
- B. Disseminates ledger data across all peers on the channel**
- C. Manages channel membership only**
- D. Sync ledger state across all peers on any channel**
- E. Sync ledger state across all peers on the channel**
- F. Manages peer discovery only**

Answer: ABE

Explanation:

Gossip Protocol The gossip data dissemination protocol performs three functions Manages peer discovery and channel membership Disseminates ledger data across all peers on the channel Syncs ledger state across all peers on the channel.

Reference: <https://hyperledger-fabric.readthedocs.io/en/v1.1.0-alpha/gossip.html>

Question: 122

The Hyperledger Fabric framework is implemented on what programming environment?

- A. C++**
- B. Node.js**
- C. Go**
- D. PHP**
- E. Javascript**
- F. Python**

Answer: C

Reference: <https://hyperledger-fabric.readthedocs.io/en/release-1.3/prereqs.html>

Question: 122

The Hyperledger Fabric framework is implemented on what programming environment?

- A. C++**
- B. Node.js**
- C. Go**
- D. PHP**
- E. Javascript**
- F. Python**

Answer: C

Reference: <https://hyperledger-fabric.readthedocs.io/en/release-1.3/prereqs.html>

Question: 123

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.**

Answer: C

Explanation:

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: 123

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.

Answer: C

Explanation:

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: 124

Which Hyperledger tool would you select to invoke, deploy or query blocks, transactions and associated data, network information (name, status, list of nodes), chain codes and transaction families, as well as other relevant information stored in the ledger?

- A. Hyperledger Quilt
- B. Hyperledger Cello
- C. Hyperledger Caliper
- D. Hyperledger Explorer

Answer: D

Explanation:

Hyperledger explorer: Hyperledger explorer, which was originally contributed by IBM, Intel, and DTCC, can view, invoke, deploy or query blocks, transactions and associated data, network information (name, status, list of nodes), chain codes and transaction families, as well as other relevant information stored in the ledger.

Question: 124

Which Hyperledger tool would you select to invoke, deploy or query blocks, transactions and associated data, network information (name, status, list of nodes), chain codes and transaction families, as well as other relevant information stored in the ledger?

- A. Hyperledger Quilt
- B. Hyperledger Cello
- C. Hyperledger Caliper
- D. Hyperledger Explorer

Answer: D

Explanation:

Hyperledger explorer: Hyperledger explorer, which was originally contributed by IBM, Intel, and DTCC, can view, invoke, deploy or query blocks, transactions and associated data, network information (name, status, list of nodes), chain codes and transaction families, as well as other relevant information stored in the ledger.

Question: 125

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

Answer: ABC

Explanation:

1. P2P Protocol is implemented over HTTP/2 standards and uses Google RPC. P2P components define 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: 125

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**

Answer: ABC

Explanation:

1. P2P Protocol is implemented over HTTP/2 standards and uses Google RPC.. P2P components define 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: 126

Level DB is the default database for Hyperledger Fabric and is particularly appropriate when ledger states comprise what type of data?

- A. Complex key-value pairs**
- B. Rich Queries**
- C. JSON data pairs**
- D. Simple key-value pairs**

Answer: D

Explanation:

Simple key-value pairs – LevelDB is the default and is particularly appropriate when ledger states are simple key-value pairs. A LevelDB database is closely co-located with a network node – it is embedded within the same operating system process. CouchDB is a particularly appropriate choice when ledger states are structured as JSON documents because CouchDB supports the rich queries and update of richer data types often found in business transactions.

Implementationwise, CouchDB runs in a separate operating system process, but there is still a 1:1 relation between a network node and a CouchDB instance. All of this is invisible to chaincode.

Reference: <https://hyperledger-fabric.readthedocs.io/en/release-1.3/ledger/ledger.html>

Question: 126

Level DB is the default database for Hyperledger Fabric and is particularly appropriate when ledger states comprise what type of data?

- A. Complex key-value pairs**
- B. Rich Queries**
- C. JSON data pairs**
- D. Simple key-value pairs**

Answer: D

Explanation:

Simple key-value pairs – LevelDB is the default and is particularly appropriate when ledger states are simple key-value pairs. A LevelDB database is closely co-located with a network node – it is embedded within the same operating system process. CouchDB is a particularly appropriate choice when ledger states are structured as JSON documents because CouchDB supports the rich queries and update of richer data types often found in business transactions.

Implementationwise, CouchDB runs in a separate operating system process, but there is still a 1:1 relation between a network node and a CouchDB instance. All of this is invisible to chaincode.

Reference: <https://hyperledger-fabric.readthedocs.io/en/release-1.3/ledger/ledger.html>

SAMPLE QUESTIONS



*These questions are for demo purpose only. **Full version** is up to date and contains actual questions and answers.*

Killexams.com is an online platform that offers a wide range of services related to certification exam preparation. The platform provides actual questions, exam dumps, and practice tests to help individuals prepare for various certification exams with confidence. Here are some key features and services offered by Killexams.com:



Actual Exam Questions: *Killexams.com provides actual exam questions that are experienced in test centers. These questions are updated regularly to ensure they are up-to-date and relevant to the latest exam syllabus. By studying these actual questions, candidates can familiarize themselves with the content and format of the real exam.*

Exam Dumps: *Killexams.com offers exam dumps in PDF format. These dumps contain a comprehensive collection of questions and answers that cover the exam topics. By using these dumps, candidates can enhance their knowledge and improve their chances of success in the certification exam.*

Practice Tests: *Killexams.com provides practice tests through their desktop VCE exam simulator and online test engine. These practice tests simulate the real exam environment and help candidates assess their readiness for the actual exam. The practice tests cover a wide range of questions and enable candidates to identify their strengths and weaknesses.*

Guaranteed Success: *Killexams.com offers a success guarantee with their exam dumps. They claim that by using their materials, candidates will pass their exams on the first attempt or they will refund the purchase price. This guarantee provides assurance and confidence to individuals preparing for certification exams.*

Updated Content: *Killexams.com regularly updates its question bank and exam dumps to ensure that they are current and reflect the latest changes in the exam syllabus. This helps candidates stay up-to-date with the exam content and increases their chances of success.*

Technical Support: *Killexams.com provides free 24x7 technical support to assist candidates with any queries or issues they may encounter while using their services. Their certified experts are available to provide guidance and help candidates throughout their exam preparation journey.*

For More exams visit <https://killexams.com/vendors-exam-list>
Kill your exam at First Attempt....Guaranteed!