

100% Money Back
Guarantee

Vendor:Blockchain

Exam Code:CBSA

Exam Name:BTA Certified Blockchain Solution
Architect

Version:Demo

QUESTION 1

What are two specific advantages of using Hyperledger Fabric? (Select two.)

- A. No order service needed
- B. Use any programming language available
- C. Open Source Modular architecture
- D. Allows components to be plug-and-play
- E. Makes mining cryptos more efficient

Correct Answer: CD

Hyperledger is an open source collaborative effort created for open industrial blockchain development. It started in December 2015 by the Linux Foundation. Linux Foundation's objectives were to create an environment in which communities of software developers and companies meet and coordinate to build blockchain frameworks.

QUESTION 2

What are two cryptocurrencies that you would expect to see mining equipment with ASICS? (Select two.)

- A. Bitcoin
- B. Ethereum
- C. Neo
- D. Litecoin
- E. Monero

Correct Answer: AD

Reference: <https://www.trymining.com/pages/asic-vs-gpu>

QUESTION 3

In what year did a whitepaper that was published by "Satoshi Nakamoto" outlined a solution to the Byzantine Generals problem?

- A. 2006
- B. 2009
- C. 2008
- D. 2010

Correct Answer: C

In 2008 a whitepaper is published by "Satoshi Nakamoto" which outlines a solution to the Byzantine Generals problem

QUESTION 4

How many peers in the network need to endorse a transaction in a Hyperledger Fabric blockchain?

- A. The number of peers required to endorse a transaction is driven by the IAM policy that is specified by the ledger.
- B. The number of peers required to endorse a transaction is driven by the endorsement policy that is specified by the DApps.
- C. The number of peers required to endorse a transaction is driven by the endorsement policy that is specified by the ledger.
- D. The number of peers required to endorse a transaction is driven by the endorsement policy that is specified at chaincode deployment time.

Correct Answer: D

The number of peers required to endorse a transaction is driven by the endorsement policy that is specified at chaincode deployment time.

Reference: <http://hyperledger-fabric.readthedocs.io/en/release-1.1/Fabric-FAQ.html#endorsement>

QUESTION 5

Addresses on a blockchain are derived by a process of hashing _____.

- A. Wallet Addresses
- B. Private Keys
- C. IP Addresses
- D. Mac addresses
- E. Public Keys

Correct Answer: E

Reference: <https://medium.com/@ConsenSys/blockchain-underpinnings-hashing-7f4746cbd66b>

QUESTION 6

Which of the following is not considered an Ethereum testnet?

- A. Ropstein

B. Rinkeby

C. Mainnet

D. Kovan

Correct Answer: C

QUESTION 7

Anonymity can be protected in blockchain applications by use of which of the following?

A. Centralized application hosting

B. End-to-end encryption

C. Cryptographic hashing

D. Blockchain-based data cubes

Correct Answer: B

QUESTION 8

Which of the following enterprise blockchains have a pluggable framework consensus algo? (Select two.)

A. Quorum

B. R3 Corda

C. Ethereum

D. Hyperledger Fabric

E. Ripple

Correct Answer: BC

Reference: https://www.horsesforsources.com/top-5-blockchain-platforms_031618

QUESTION 9

Which of the following scenarios and databases is least suited to be utilized by a blockchain solution?

A. Scenario: Law enforcement system; Dataset: Criminal Arrests, Warrants for Arrest, Conviction Date

B. Scenario: An Email campaign service; Dataset: Recipient Email, From Email; Subject, Body

C. Scenario: A family filter wifi router; Dataset: Websites Visited, Websites Blocked, Download History

D. Scenario: Credit score app; Dataset: Credit Score, Hard Inquiries; Collections, Date Removed, Date Added

Correct Answer: A

QUESTION 10

The _____ is the runtime environment for smart contracts in Ethereum?

- A. Metamask
- B. Ether
- C. Mist
- D. EVM

Correct Answer: D

EVM The Ethereum Virtual Machine (EVM) is the runtime environment for smart contracts in Ethereum. It is not only sandboxed, but actually completely isolated, which means that code running inside the EVM has no access to network, filesystem, or other processes. Smart contracts even have limited access to other smart contracts.

QUESTION 11

Blockchains only work to store financial transactions or other exchanges of monetary value.

- A. TRUE
- B. FALSE

Correct Answer: B

QUESTION 12

Which of these demonstrates the correct order of the lifecycle of a transaction on Ethereum blockchain?

- A. 1. User uses Dapp/web3 to start transaction
- 2. User signs the transaction with their private key
- 3. Transaction validated on locally running node
- 4. Transaction broadcast to entire network
- 5. Miners choose to accept or pass on the transaction

6.

Miner takes each accepted transaction and writes it to the current block

B. 1. User uses Dapp/web3 to start transaction

2.

Transaction broadcast to entire network

3.

If accepted by the network, user signs transaction with private key

4.

Miners choose to accept or pass on the transaction

5.

Miner takes each accepted transaction and writes it to the current block

C. Both of these ordering sequences can occur

D. None of the above

Correct Answer: A