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QUESTION 1

What type of peer executes chaincode?

- A. Anchor peer
- B. Endorsing Peer
- C. Chaincode is executed by the client
- D. Ordered Peer
- E. Chaincode is not executed by a peer.

Correct Answer: B

Endorsing Peer Endorser peer Peers can be marked as Endorser peer (i.e. Endorsing peer). Upon receiving the "transaction invocation request" from the Client application the Endorser peer Validates the transaction. Check certificate details and roles of the requester. Executes the Chaincode (Smart Contract) and simulates the outcome of the transaction. But it does not update the ledger. At the end of the above two tasks the Endorser may approve to disapprove the transaction. As only the Endorser node executes the Chaincode (Smart Contract) so there is no necessity to install Chaincode in each and every node of the network which increases the scalability of the network.

QUESTION 2

Which of the following is the BEST definition of Decentralization?

- A. Peer-to-Peer data sharing, hosting hardware owned by many not few, fault tolerant, secure, lower performance
- B. Distributed data sharing, hosting hardware owned by many not few, fault tolerant, secure, lower performance
- C. Peer-to-Peer data sharing, hosting hardware owned by a few not many, fault tolerant, secure, lower performance

Correct Answer: A

Peer-to-Peer essentially uses data sharing, hosting hardware owned by many not few, fault tolerant, secure, lower performance. It's common way to share files--a good example was Napster. Peer-to-peer (P2P) file sharing is the distribution of digital media such as software, videos, music, and images through an informal network in order to upload and download files. Typically, P2P software enables users to select which files to share. These files are indexed on a central server, making them available for other users to find and download.

QUESTION 3

You are starting to understand the needed package dependencies for chaincode. What are the two required packages? (Select two.)

- A. Init
- B. Peer Protobuf
- C. Shim



D. Start

Correct Answer: BC

QUESTION 4

Exhibit.

```
/**
 * Track the stock transfer from one broker to another
 * @param {org.bta.stock.Transfer} transfer
 * @transaction
 */
function transferStock(transfer) {
    transfer.stock.owner = transfer.newOwner;
    return getAssetRegistry('org.bta.transfer.stock')
        .then(function (assetRegistry) {
            var transferNotification =
                getFactory().newEvent('org.bta.transfer',
                    'transferNotification');
            transferNotification.stock = transfer.stock;
            emit(transferNotification);
            return assetRegistry.update(transfer.stock);
        });
}
```

Based on the code snippet displayed, what does the following line do `return assetRegistry.update (transfer.stock) ;`

- A. Updates the world state database
- B. Persists the state of the asset to the blockchain ledger
- C. Updates the assetRegistry variable
- D. Returns the assetRegistry to the transfer, stock

Correct Answer: A

QUESTION 5

Which Hyperledger tool provides an open source browser for viewing activity on the underlying blockchain network?



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

Correct Answer: D

Explorer can view, invoke, deploy or query blocks, transactions and associated data, network information, chain codes and transaction families, as well as other relevant information stored in the ledger. Powerful, easy-to-use, highly maintainable, open source browser for viewing activity on the underlying blockchain network.

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