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QUESTION 1

In your model there is a need to determine who owns the asset What type of field would you add to the asset such that owner of the asset instance can be found

A. array

B. relationship

C. enumeration

Correct Answer: A

QUESTION 2

The Hyperledger Project Framework of blockchains is meant for specific use cases for enterprise. Which blockchain includes a novel consensus algorithm, Proof of Elapsed Time (PoET)?

A. Hyperledger Iroha

B. Hyperledger Fabric

C. Hyperledger Indy

D. Hyperledger Sawtooth

Correct Answer: D

Hyperledger Sawtooth is a modular platform for building, deploying, and running distributed ledgers. Hyperledger Sawtooth includes a novel consensus algorithm, Proof of Elapsed Time (PoET), which targets large distributed validator populations with minimal resource consumption.

QUESTION 3

In Hyperledger Fabric there is three types of chaincode. (Select three.)

A. Private

B. Hybrid

C. Access Controlled

D. Consortium

E. Public

F. Compliant

Correct Answer: ACE

QUESTION 4

Instances of an asset created in Hyperledger Fabric are managed in a_____.

A. registry

B. JSON based storage

C. database

D. file system

Correct Answer: C

QUESTION 5

How are "assets" in Hyperledger Fabric represented? (Select two.)

A. Binary

B. Go

C. JSON

D. Node.JS

E. Yaml

Correct Answer: AC

Assets in Hyperledger Fabric are represented in JSON or Binary. Assets are represented in Hyperledger Fabric as a collection of key-value pairs, with state changes recorded as transactions on a Channel ledger. Assets can be represented in binary and/or JSON form. Dont get confused of how Fabric is developed and how assets in chaincode are deployed

QUESTION 6

Relationship is created using the symbol:

A. _>

B. o

C. >>

D. -->

Correct Answer: C

QUESTION 7

Which of the following syntaxes will compile the chaincode?

A. go int

B. go build

C. go create

D. go compile

Correct Answer: B

QUESTION 8

The fastest way to test your chaincode is to use the REST interface on your peers. There are several REST endpoints you can test and interact with chaincode. (Select two.)

A. /registrar

B. /register

C. /chaincode

D. /blockchain

E. /BaaS

Correct Answer: AC

/chaincode is the endpoint used for deploying, invoking, and querying chaincode. Which operation you perform is controlled by the body of the request that you send. /registrar allows you to enroll users.

QUESTION 9

All of the following are key terms in Cryptography EXCEPT?

A. Function

B. Root Hash

C. Secret

D. Code

E. Cipher

Correct Answer: B

Cryptography is used in Blockchain to address the issues and concerns of privacy. Cryptography is the study of how to send information back and forth securely in the presence of adversaries. A cryptographic function is a function for encoding or encrypting data to protect the contents from others. The following components are the basis of a

cryptographic function: The Secret: The data which we are trying to protect The Key: A piece of data used for encrypting and decrypting the secret The Function: The process or function used to encrypt the secret The Cipher: The encrypted secret data, output of the function The Secret and the Key are passed into the Function to create a Cipher.

QUESTION 10

ceo file has which of the following elements:

A. Name space

B. Resources

C. Imports from other name spaces D. All of the above

Correct Answer: D

QUESTION 11

Hyperledger Fabric Consensus is planned out into 3 phases. Which one is NOT a phase?

A. Ordering

B. Endorsement

C. Voting

D. Validation

Correct Answer: C

QUESTION 12

There are two popular approaches to defining assets in most blockchain solutions. (Select two.)

A. Stateless UTXO model, where account balances are encoded into past transaction records.

B. Account model, where account balances are kept in state storage space in memory registers.

C. Stateful UTXO model, where account balances are encoded into past transaction records.

D. Account model, where account balances are kept in stateless storage space on the ledger.

E. Stateless UTXO model, where account balances are encoded into current transaction records.

F. Account model, where account balances are kept in state storage space on the ledger.

Correct Answer: AF

Users can use chaincode (for business rules) and membership service (for digital tokens) to design assets, as well as the logic that manages them. There are two popular approaches to defining assets in most blockchain solutions: the stateless UTXO model, where account balances are encoded into past transaction records; and the account model,

where account balances are kept in state storage space on the ledger. Each approach carries its own benefits and drawbacks. This blockchain fabric does not advocate either one over the other. Instead, one of our first requirements was to ensure that both approaches can be easily implemented with tools available in the fabric.

QUESTION 13

Hyperledger is a membership based distributed ledger platform. What determine the level of permissions required to transact for members?

A. Authentication Services

B. Validator Services

C. Identity Management

D. Audit Services

Correct Answer: B

Hyperledger is a private validator network protocol. All the entities in a network must register with membership services to obtain an identity with access and transaction authority on the network. Validators determine the level of permissions required to transact. The network setup also defines the network as permissive, allowing the ease of access. It supports for rapid and high adoption for a more controlled and restrictive environment.

QUESTION 14

Transaction Log Data is immutable i.e , once its written to the log it cannot be changed or deleted.

A. TRUE

B. FALSE

Correct Answer: A

QUESTION 15

Which one is true? A developer of front end application that connects to the REST server:

A. needs to use the composer sdk and must understand how the REST API work

B. does not have to learn the internals of the network application as they deal with plain REST API

C. needs to use composer tool for generating the code for front end application

Correct Answer: A

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