Free Questions for CBDE by certsinside

Shared by Bradley on 06-06-2022

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Question 1

Question Type: MultipleChoice

Integrating the community into your testing:

Options:

A- is great, because they often find bugs which weren't considered before.

B- is not good, because you might give out secrets.

Answer:

A

Question 2

Question Type: MultipleChoice

To avoid issues during Ethereum platform upgrades:

Options:

A- it's good to inform users about the updates via a newsletter.

B- it's good to have the ability to pause a contract in order to manage the money at risk.

C- Ethereum doesn't upgrade the platform. It's fixed and final.

Answer:

B

Question 3

Question Type: MultipleChoice

To develop smart contracts:

Options:

A- it's good to start with a local in-memory blockchain with unit tests but then deploy to the mainnet as rapidly as possible.

B- it's good to start with a local in-memory blockchain with unit-tests. Then, in the next step, debug and test the smart contract on a test-net like Ropsten or Rinkeby with beta customers to iron out last issues before deploying it to the main-net.

C- it's good to start with a test-net with beta-customers like on the Rinkeby or Ropsten testnet, before testing it locally on an in-memory blockchain simulation such as Ganache. Then deploy it to the main-net.

Answer:

B

Question 4

Question Type: MultipleChoice

When a smart contract pays out money:

Options:

A- it's good to use a push over a pull method.

B- it's good to use a push and a pull method to ensure that participants can get their money no matter the contract state. In addition to and pushing it should contain a withdraw method.

C- it's good to use only pull and no push method.

Answer:

B

Question 5

Question Type: MultipleChoice

When considering smart contracts and the blockchain it's good:

Options:

A- to move all existing logic to the blockchain, so everything runs on the same system. This way it might be more complex, but easier to maintain.

B- to move only those parts to the blockchain that really need the blockchain. This way smart contracts can be easier to read, easier to test and are not so complex.

C- to move those parts to the blockchain that deal with Ether transfers. All other parts can remain in traditional database systems. This way only the value-transfer is on the blockchain.

Answer:

B

Question 6

Question Type: MultipleChoice

When you are programming a game like poker of battleships where you need to hide opponents values is:

Options:

A- with private state variables. This way nobody else other than the smart contract itself can see the information

B- with external contracts holding those values. This way we can make sure that the information flow is following a clear logic and nobody else can access this information.

C- You can't hide anything on the blockchain, because the information is public, just the call is private which means only other smart contracts would be limited in accessing that information.

Answer:

C