Blockchain.CBSP.v2022-11-14.q33

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NEW QUESTION: 1
If an attacker can find two values that hash to the same output what is it called?
A. Correlation
B. Collision
C. Match
D. Intersection
Answer: B (LEAVE A REPLY)

NEW QUESTION: 2
This sample code is vulnerable to which of the following attacks? Select all that apply.

A. Reentrancy
B. Short Address
C. Arithmetic
D. Unchecked Return Values
Answer: B (LEAVE A REPLY)

NEW QUESTION: 3

Which blockchain security control either risks centralization or permanently divergent chains?
A. Checkpoints
B. Private Blockchains
C. Permissioned Blockchains
D. Random Neighbor Selection
Answer: B (LEAVE A REPLY)

NEW QUESTION: 4
All smart contracts are audited for correctness and checked for malicious code before being uploaded to the blockchain.
A. True
B. False
Answer: B (LEAVE A REPLY)

NEW QUESTION: 5
Which of the following blockchains separates transaction validation and ordering of transactions in blocks into separate steps?
A. Ethereum
B. Corda
C. Hyperledger
D. All of the above
Answer: C (LEAVE A REPLY)

NEW QUESTION: 6
Which of the following attacks only requires a single account and performs only normal blockchain operations?
A. 51% Attack
B. Routing Attack
C. Eclipse Attack
D. Replay Attack
Answer: D (LEAVE A REPLY)

NEW QUESTION: 7
Stealth addresses are designed to do which of the following?
A. Conceal shared secret
B. Conceal transaction amount
C. Conceal transaction recipient
D. Conceal transaction sender
Answer: C (LEAVE A REPLY)

NEW QUESTION: 8

Both sidechains and slate channels rely on the original blockchain for security and as a fallback if issues occur.

A. False

B. True

Answer: (SHOW ANSWER)

NEW QUESTION: 9

Smart contract technology can be used to securely implement a business's product ordering front-end.

A. True

B. False

Answer: A (LEAVE A REPLY)

NEW QUESTION: 10

This sample code is vulnerable to which of the following attacks?

A. Unchecked Return Values

B. Bad Randomness

C. Reentrancy

D. Arithmetic

Answer: (SHOW ANSWER)

NEW QUESTION: 11

Which of the following attacks is designed to bypass the protections provided by digital signatures?

A. Sybil

B. Routing

C. Replay

D. Eclipse

Answer: C (LEAVE A REPLY)

NEW QUESTION: 12

The immutability of the blockchain is an asset for which of the following? Select all that apply.

A. Transparency

B. Asset Management
C. Communications
D. Data Security Secure
Answer: A (LEAVE A REPLY)

NEW QUESTION: 13
Which type of attack misuses Internet protocols to attack the blockchain? Select all that apply.
A. Routing
B. Eclipse
C. Denial of Service
D. Sybil
Answer: (SHOW ANSWER)

NEW QUESTION: 14
This sample code is vulnerable to which of the following attacks?

A. Race Conditions
B. Anthmetic
C. Denial of Service
D. Access Control
E. All of the above
Answer: C (LEAVE A REPLY)

NEW QUESTION: 15
Compromising blockchain accounts is beneficial to which of the following types ot attacks?
A. Sybil Attack
B. Routing Attack
C. 51% Attack
D. All of the above
E. Eclipse Attack
Answer: A (LEAVE A REPLY)

NEW QUESTION: 16
Which of the following is NOT a common regulatory requirement tor businesses?

A. Personal data protection
B. Data transparency
C. Data control
D. Data encryption
Answer: B (LEAVE A REPLY)

NEW QUESTION: 17
Checkpointing is designed to protect against an attacker exploiting the mechanism by which blockchain resolves divergent chains
A. True
B. False
Answer: A (LEAVE A REPLY)

NEW QUESTION: 18
A blockchain-based solution best achieves which of the following goals?
A. Data control
B. Data privacy
C. Data retention
D. Data deletion
Answer: C (LEAVE A REPLY)

NEW QUESTION: 19
Which algorithm was adopted by Bitcoin's creator for use as a consensus mechanism?
A. Proof of Space
B. Proof of Activity
C. Proof of Stake
D. Proof of Work
Answer: D (LEAVE A REPLY)

NEW QUESTION: 20
The goal of most network-based blockchain attacks is to enable what type of attack?
A. 51% Attack

B. Selfish Mining Attack
C. Double-Spend Attack
D. Long-Range Attack
Answer: B (LEAVE A REPLY)

NEW QUESTION: 21
Scanning against a list of common vulnerabilities is an important component of smart contract auditing.
A. True
B. False
Answer: A (LEAVE A REPLY)

NEW QUESTION: 22
Which of the following blockchain consensus algorithms is the most sustainable long-term?
A. Proof of Space
B. Proof of Stake
C. Proof of Burn
D. Proof of Work
Answer: B (LEAVE A REPLY)

NEW QUESTION: 23
Which of the following blockchains has a built-in consensus algorithm?
A. Hyperledger
B. Cord
C. Ethereum
Answer: C (LEAVE A REPLY)

NEW QUESTION: 24
What is the easiest way to steal cryptocurrency from a user?
A. Eclipse attack
B. None of the above
C. Double-spend attack
D. Private key theft
Answer: D (LEAVE A REPLY)

NEW QUESTION: 25
Which of the following attacks were enabled by design decisions made by the blockchain's developers? Select all that apply
A. Bitcoin
B. List
C. EOS

D. Verge
Answer: (SHOW ANSWER)

NEW QUESTION: 26
Which of the following smart contract vulnerabilities can cause a smart contract's balances ledger to become incorrect? Select all that apply
A. Reentrancy
B. Unchecked Return Values
C. Race Condition
D. Arithmetic
Answer: A,B,D (LEAVE A REPLY)

NEW QUESTION: 27
Spinning up a large number of temporary mining servers is likely part of what type of attack?
A. Eclipse
B. Denial of Service
C. Routing
D. Sybil
Answer: (SHOW ANSWER)

NEW QUESTION: 28
Properly encrypted data stored in the distributed ledger adequately protects data in both the short-term and the long-term
A. True
B. False
Answer: (SHOW ANSWER)

NEW QUESTION: 29
Multisignatures are designed to allow a set of users to make a valid transaction only if a set minimum number of them consent
A. True
B. False
Answer: A (LEAVE A REPLY)

NEW QUESTION: 30
For which of the following attacks is a permissioned or private blockchain the best solution?
A. Sybil
B. Replay
C. Routing
D. Denial of Service
Answer: (SHOW ANSWER)

NEW QUESTION: 31
Which of the following features were exploited as part of the Verge cryptocurrency hack? Select all that apply.
A. Timestamp Flexibility
B. Short Addresses
C. Multiple Hash Functions
D. Mining Difficulty Update Function
Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 32
Digital signatures provide confidentially, integrity , and non-repudiation.
A. False
B. True
Answer: B (LEAVE A REPLY)

NEW QUESTION: 33
Which of the following is a takenaway from the pigeocoin/Bitcom Core hack?
A. Importance of scaning code for common vulnerabilities
B. Importance of cryptanalysis of algorithms used
C. Import of system-level analysis
D. Import of a robust change management process
Answer: A (LEAVE A REPLY)

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