Exam	**200-201**
Title	**Understanding Cisco Cybersecurity Operations Fundamentals (CBROPS) Exam**
Version	**10.0**
Product Type	**153 Q&A with explanations**

Exam A

QUESTION 1
Which event is user interaction?

A. gaining root access
B. executing remote code
C. reading and writing file permission
D. opening a malicious file

Correct Answer: D
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 2
Which security principle requires more than one person is required to perform a critical task?

A. least privilege
B. need to know
C. separation of duties
D. due diligence

Correct Answer: C
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 3
How is attacking a vulnerability categorized?

A. action on objectives
B. delivery
C. exploitation
D. installation

Correct Answer: C
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 4
What is a benefit of agent-based protection when compared to agentless protection?

A. It lowers maintenance costs
B. It provides a centralized platform
C. It collects and detects all traffic locally
D. It manages numerous devices simultaneously

Correct Answer: B
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 5
Which principle is being followed when an analyst gathers information relevant to a security incident to determine the appropriate course of action?

A. decision making
B. rapid response
C. data mining
D. due diligence

Correct Answer: A
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 6
One of the objectives of information security is to protect the CIA of information and systems.

What does CIA mean in this context?

A. confidentiality, identity, and authorization
B. confidentiality, integrity, and authorization
C. confidentiality, identity, and availability
D. confidentiality, integrity, and availability

Correct Answer: D
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 7
What is rule-based detection when compared to statistical detection?

A. proof of a user's identity
B. proof of a user's action
C. likelihood of user's action
D. falsification of a user's identity

Correct Answer: B
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 8

A user received a malicious attachment but did not run it.

Which category classifies the intrusion?

A. weaponization
B. reconnaissance
C. installation
D. delivery

Correct Answer: D
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 9
Which process is used when IPS events are removed to improve data integrity?

A. data availability
B. data normalization
C. data signature
D. data protection

Correct Answer: B
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 10
An analyst is investigating an incident in a SOC environment.

Which method is used to identify a session from a group of logs?

A. sequence numbers
B. IP identifier
C. 5-tuple
D. timestamps

Correct Answer: C
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 11
What is a difference between SOAR and SIEM?

A. SOAR platforms are used for threat and vulnerability management, but SIEM applications are not
B. SIEM applications are used for threat and vulnerability management, but SOAR platforms are not
C. SOAR receives information from a single platform and delivers it to a SIEM
D. SIEM receives information from a single platform and delivers it to a SOAR

Correct Answer: A
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 12
What is the difference between mandatory access control (MAC) and discretionary access control (DAC)?

A. MAC is controlled by the discretion of the owner and DAC is controlled by an administrator
B. MAC is the strictest of all levels of control and DAC is object-based access
C. DAC is controlled by the operating system and MAC is controlled by an administrator
D. DAC is the strictest of all levels of control and MAC is object-based access

Correct Answer: B
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 13
What is the practice of giving employees only those permissions necessary to perform their specific role within an organization?

A. least privilege
B. need to know
C. integrity validation
D. due diligence

Correct Answer: A
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 14
What is the virtual address space for a Windows process?

A. physical location of an object in memory
B. set of pages that reside in the physical memory
C. system-level memory protection feature built into the operating system
D. set of virtual memory addresses that can be used

Correct Answer: D
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 15
Which security principle is violated by running all processes as root or administrator?

A. principle of least privilege
B. role-based access control
C. separation of duties
D. trusted computing base

Correct Answer: A
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 16
What is the function of a command and control server?

A. It enumerates open ports on a network device
B. It drops secondary payload into malware
C. It is used to regain control of the network after a compromise
D. It sends instruction to a compromised system

Correct Answer: D
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 17
What is the difference between deep packet inspection and stateful inspection?

A. Deep packet inspection is more secure than stateful inspection on Layer 4
B. Stateful inspection verifies contents at Layer 4 and deep packet inspection verifies connection at Layer 7
C. Stateful inspection is more secure than deep packet inspection on Layer 7
D. Deep packet inspection allows visibility on Layer 7 and stateful inspection allows visibility on Layer 4

Correct Answer: D
Section: Security Concepts
Explanation

Explanation/Reference:

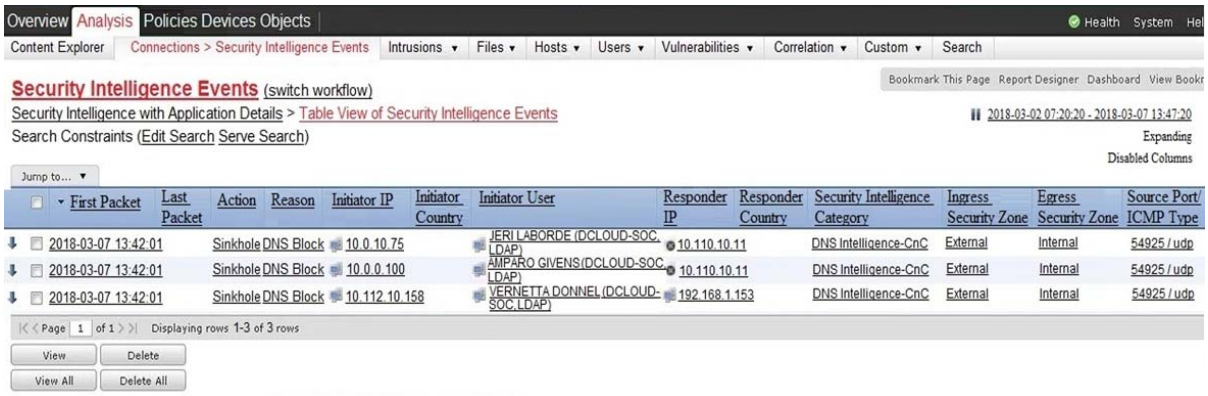
QUESTION 18
Which evasion technique is a function of ransomware?

A. extended sleep calls
B. encryption
C. resource exhaustion
D. encoding

Correct Answer: B
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 19



Refer to the exhibit. Which two elements in the table are parts of the 5-tuple? (Choose two.)

A. First Packet
B. Initiator User
C. Ingress Security Zone
D. Source Port
E. Initiator IP

Correct Answer: DE
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 20
DRAG DROP

Drag and drop the security concept on the left onto the example of that concept on the right.

Select and Place:

Risk Assessment	network is compromised
Vulnerability	lack of an access list
Exploit	configuration review
Threat	leakage of confidential information

Correct Answer:

Risk Assessment	Threat
Vulnerability	Vulnerability
Exploit	Risk Assessment
Threat	Exploit

Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 21
What is the difference between statistical detection and rule-based detection models?

A. Rule-based detection involves the collection of data in relation to the behavior of legitimate users over a period of time
B. Statistical detection defines legitimate data of users over a period of time and rule-based detection defines it on an IF/THEN basis
C. Statistical detection involves the evaluation of an object on its intended actions before it executes that behavior
D. Rule-based detection defines legitimate data of users over a period of time and statistical detection defines it on an IF/THEN basis

Correct Answer: B
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 22
What is the difference between a threat and a risk?

A. Threat represents a potential danger that could take advantage of a weakness in a system
B. Risk represents the known and identified loss or danger in the system
C. Risk represents the nonintentional interaction with uncertainty in the system
D. Threat represents a state of being exposed to an attack or a compromise, either physically or logically.

Correct Answer: A
Section: Security Concepts
Explanation

Explanation/Reference:

QUESTION 23
Which attack method intercepts traffic on a switched network?

A. denial of service