ISC2

Exam Questions CC

Certified in Cybersecurity (CC)

NEW QUESTION 1
Structured way to align IT with business goals while managing risks and meeting all industry and government regulations

A. GRC
B. Policies
C. Law
D. Stanfard

Answer: A

NEW QUESTION 2
What federal law requires the use of vulnerability scanning on information systems operated by federal government agencies?

A. FISMA
B. HIPAA
C. GLBA
D. FERPA

Answer: A

NEW QUESTION 3
What is multi-factor authentication (MFA)?

A. A type of authentication that uses only one method
B. A type of authentication that uses only two methods
C. A type of authentication that uses more than two methods (Correct)
D. A type of authentication that uses only one factor

Answer: C

NEW QUESTION 4
How do you distinguish Authentication and Identification

A. Both Same
B. Authentication is the process of verifying user identity and a user of a system or an application
C. Authentication is the process of verifying user identity and Identification is the ability to identify uniquely quely Identification is the process to allow resource access
D. Identification is the process of verifying user identity and Authentication is the process to allow resource access

Answer: B

NEW QUESTION 5
4 Embedded systems and network-enabled devices that communicate with the internet are considered as

A. Endpoint
B. Node
C. IOT
D. router

Answer: C

NEW QUESTION 6
Common network device used to connect networks?

A. Server
B. Endpoint
C. Router
D. Switch

Answer: C

NEW QUESTION 7
What is the importance of non-repudiation in todays world of ecommerce

A. It ensures that people are not held responsible for transaction that did not conduct
B. It ensures that people are held responsible for transactions they conducted
C. It ensures that transactions are not conducted online
D. It ensures that transactions are conducted online

Answer: B

NEW QUESTION 8
Configuration settings or parameters stored as data, managed through a software graphical user interface (GUI) is

A. Logical access control
B. Physical access control
C. Administratirve Access control

Answer: A

NEW QUESTION 9
Part of a zero-trust strategy that breaks LANs into very small and highly localized zones using firewalls.

A. Zero Trust
B. DMZ
C. VPN
D. Micro Segmentation

Answer: D

NEW QUESTION 10
In Which of the following access control models can the creator of an object delegate permission

A. MAC
B. RBAC
C. ABAC
D. DAC

Answer: C

NEW QUESTION 10
Which is related to Standard

A. NIST
B. GDPR
C. HIPAA
D. ALL

Answer: A

NEW QUESTION 12
An entity that acts to exploit a target organizations system vulnerabilities is a

A. Attacker
B. Threat vector
C. Threat
D. Threat Actor

Answer: D

NEW QUESTION 14
255.255.255.0 Address represents

A. Broadcast
B. Unicast
C. Subnet mask
D. Global Address

Answer: C

NEW QUESTION 18
Requires that all instances of the data be identical in form,

A. Confidentiality
B. Availability
C. Consistency
D. ALL

Answer: C

NEW QUESTION 23
Which is an approach to networking that uses software-based controllers or application programming interfaces (APIs) to communicate with underlying hardware infrastructure and direct traffic on a network.

A. VLAN
B. SDN
C. VPN
D. SAN

Answer: B

NEW QUESTION 24
A organization's security system which involves in preventing, detecting, analyzing, and responding to cybersecurity incidents.

A. Business continuity team
B. Disaster recovery team
C. Incident response team
D. Security operations center

Answer: D

NEW QUESTION 27
Which term describes a communication tunnel that provides point-to-point transmission of both authentication and data traffic over an untrusted network?

A. Zero Trust
B. DMZ
C. VPN
D. None of the Above

Answer: C

NEW QUESTION 29
Mark has purchased a MAC LAPTOP. He is scared of losing his screen and planning to buy an insurance policy. So, which risk management strategy is?

A. Risk acceptance
B. Risk deterrence
C. Risk transference
D. Risk mitigation

Answer: C

NEW QUESTION 31
Which OSI layer VPN works

A. Layer 5
B. Layer 6
C. Layer 1
D. Layer 3

Answer: D

NEW QUESTION 36
A hacker gains access to a compony network and begins to intercept network traffic in order to steal login credentials which OSI layer is being attacked

A. Data Link layer
B. Physical layer
C. Network Layer
D. Application laver

Answer: D

NEW QUESTION 40
System capabilities designed to detect and prevent the unauthorized use and transmission of information.

A. SOC
B. SIEM solutions
C. Data Loss Prevention
D. Crytography

Answer: C

NEW QUESTION 44
Which of the following is not a protocol of the OSI layer 3

A. IGMP
B. IP
C. ICMP
D. SSH

Answer: D

NEW QUESTION 49
A popular way of implementing "least privilege"

A. MAC
B. DAC
C. RBAC
D. ABAC

Answer: C

NEW QUESTION 53
What is the primary goal of incident management

A. To potect life health and safety
B. To reduce the impacrt of an incident
C. To prepare for any incident
D. To resume interrupted operations as soon as possible

Answer: C

NEW QUESTION 58
What is meant by non-repudiation?

A. If a user does something, they can't later claim that they didn't do it.
B. Controls to protect the organization's reputation from harm due to inappropriate social media postings by employees, even if on their private accounts and personal time.
C. It is part of the rules set by administrative controls.
D. It is a security feature that prevents session replay attacks.

Answer: A

NEW QUESTION 61
Which is the Not the component of a Business Continuity (BC) plan

A. Immediate response procedures and checklists
B. Notification systems and call trees for alerting personnel
C. Guidance for management, including designation of authority for specific managers
D. Manacomont

Answer: D

NEW QUESTION 64
What is the importance of identifying roles and responsibilities in incident response planning?

A. To prevent incidents from happening
B. To ensure that everyone knows their job in the incident response process
C. To reduce the impact of the incident
D. To choose an appropriate containment strategy

Answer: B

NEW QUESTION 69
Embedded systems and network-enabled devices that communicate with the internet are considered as

A. Endpoint
B. Node
C. IOT
D. Router

Answer: C

NEW QUESTION 70
DNS works in which OSI layer

A. Physical Layer
B. Network Layer
C. Application layer
D. DataLink Layer

Answer: C

NEW QUESTION 74
A company wants to ensure that its employees can evacuate the building in case of an emergency which physical control is best suited for this scenario

A. Fire Alarms
B. Exit signs
C. Emergency lighting
D. Emergency exit doors

Answer: D

NEW QUESTION 78
The process of how an organization is managed; usually includes all aspects of how decisions are made for that organization

A. Standard
B. Policy
C. Procedure
D. Governance

Answer: D

NEW QUESTION 81
What is an incident in the context of cybersecurity

A. Any observable occurrence in a network or system
B. A deliberate security incident in which an intruder gains access to a system or system resource without authorization
C. A particular attack that exploits system vulnerabilities
D. An event that actually or potentially jeopardizes the confidentiality integrity or availability of an information system.

Answer: D

NEW QUESTION 83
A cybercrime in which the attacker floods a server with internet traffic to prevent users from accessing connected online services and sites

A. Phising
B. Virus
C. Spoofing
D. DDOS

Answer: D

NEW QUESTION 86
Which type of attack takes advantage of vulnerabilities in validation?

A. ARP spoofing
B. Pharming attacks
C. Cross-site scripting (XSS)
D. DNS poisoning

Answer: C

NEW QUESTION 91
Which of the following is a systematic approach to protecting against cyber threats that involves a continuous cycle of identifying, assessing and prioritizing risks and implementing measures to reduce or eliminate those risks?

A. Security Assessment
B. Incident response
C. Peneteration testing
D. Risk Management

Answer: D

NEW QUESTION 94
What is the main purpose of using multi-factor authentication (MFA) in a security system?

A. To prevent data breaches
B. To protect against malware
C. To ensure data integrity
D. To add an extra layer of security to user authentication

Answer: D

NEW QUESTION 99
Scans networks to determine everything that is connected as well as other information.

A. Burbsuite
B. Wireshark
C. Fiddler
D. Zen Mao

Answer: D

NEW QUESTION 102

Are a measure of an organization's baseline of security performance

A. Security Assessment
B. Secuirty Audit
C. Security Benchmark
D. Security Management

Answer: C

NEW QUESTION 106
What is the range of well known ports

A. 0 - 1023
B. 1023-49151
C. 49152 - 65535
D. None

Answer: A

NEW QUESTION 107
Centralized organizational function fulfilled by an information security team that monitors, detects and analyzes events on the network or system to prevent and resolve issues before they result in business disruptions.

A. IRP
B. BCP
C. SOC
D. DRP

Answer: C

NEW QUESTION 111
Faking the sending address of a transmission to gain illegal entry into a secure system.

A. Phishing
B. ARP
C. Spoofing
D. ALL

Answer: C

NEW QUESTION 113
Port forwarding is also known as

A. Port mapping
B. Tunneling
C. Punch through
D. ALL

Answer: D

NEW QUESTION 118
Which TLS extension is used to optimize the TLS handshake process by reducing the number of round trips between the client and server?

A. TLS Renegotiation
B. TLS Heartbeat
C. TLS Session Resumption
D. TLS FastTrack

Answer: C

NEW QUESTION 123
Which of the following is a subject?

A. file
B. fence
C. filename
D. user

Answer: D

NEW QUESTION 124
What is the difference between BCP and DRP

A. BCP is about restoring IT and communications back to full operations after a disruption, while DRP is about maintaining critical business functions
B. DRP is about restoring IT and communications back to full operations after a disruption, while BCP i about maintaining critical business functions

C. DRP and BCP are the same
D. BCP is about maintaining critical business functions before a disaster occurs

Answer: B

NEW QUESTION 126
Which layer does VLAN hopping belong to?

A. Layer 3
B. Layer 4
C. Layer 7
D. Layer 2

Answer: D

NEW QUESTION 131
COVID-19 is one of the perfect example of a situation, where a _____ plan is enacted to sustain the business

A. IRP
B. DRP
C. BCP
D. ALL

Answer: C

NEW QUESTION 135
What is the purpose of defense in depth in information security

A. To Implement only technical controls to prevent a cyber attack
B. To provide unrestricted access to organization assets
C. To establish variable barriers across multiple layers and mission of the organization
D. To guarantee that a cyber attack will not occur

Answer: C

NEW QUESTION 139
The prevention of authorized access to resources or the delaying of time-critical operations. (Time-critical may be milliseconds or it may be hours, depending upon the service provided.)

A. DDOS
B. Authetication
C. Authentication
D. Availablity

Answer: A

NEW QUESTION 140
Which version of TLS is considered to be the most secure and recommended for use?

A. TLS 1.0
B. TLS 1.1
C. TLS 1.2
D. TLS 1.3

Answer: D

NEW QUESTION 144
What is the best practise to clear SSD storage after usage in term of cyber security

A. Zero fill
B. Degaussing
C. Clearing
D. Disintegration

Answer: D

NEW QUESTION 145
What does Personally Identifiable Information (Pll) pertain to?

A. Information about an individual's health status
B. Data about an individual that could be used to identify them (Correct)
C. Trade secrets, research, business plans and intellectual property
D. The importance assigned to information by its owner

Answer: B

NEW QUESTION 149
What security feature used in HTTPS

A. IPSec
B. SSH
C. ICMP
D. SSL/TLS

Answer: D

NEW QUESTION 152
A cyber security professional observes an unusual occurrence in the network or system. What term best describes this situations

A. Breach
B. Exploit
C. Event
D. Intrusion

Answer: C

NEW QUESTION 156
which is the short form of IPv6 address 2001:0db8:0000:0000:0000:ffff:0000:0001

A. 2001:db8::ffff:0:1
B. 2001:db8:0000:ffff:0:1
C. 2001:db80::ffff:0000:1
D. 2001:db8::ffff:0000:0001

Answer: A

NEW QUESTION 159
A scammer will attempt to make a malicious website look exactly like a legitimate one that the victim knows and trusts

A. DOS
B. Virus
C. Spoofing
D. Phishing

Answer: C

NEW QUESTION 162
Removing the design belief that the network has any trusted space. Security is managed at each possible level, representing the most granular asset. Micro segmentation of workloads is a tool of the model

A. Zero Trust
B. Defence in Depth
C. Least Privileges
D. AII

Answer: A

NEW QUESTION 167
While taking the certification exam for ISC2 CC, You notice another candidate for the certification cheating. What should you do?

A. Yell at the other candidate for violating test security.
B. Nothing—each person is responsible for their own actions.
C. Report the candidate to ISC2.
D. Call local law enforcement.

Answer: C

NEW QUESTION 168
What is the difference between hub and switch

A. A hub is less likely to be used in home network
B. A hub can create separate broad cast domains when used to create Vlan
C. A hub retransmits traffic to all devices, while a switch route traffic to a specific devices
D. A switch retransmits traffic to all devices, while a hub route traffic to a specific devices

Answer: C

NEW QUESTION 173
Which of the following principles aims primarily at fraud detection

A. Defense in depth
B. Least privilege
C. Separation of duties
D. Privileged account

Answer: C

NEW QUESTION 175
6 Which access control method uses attributes and rules to define access policies that are evaluate by a central Policy Decision Point (PDP)

A. DAC
B. RBAC
C. MAC
D. ABAC

Answer: D

NEW QUESTION 177
Which Prevents Threat

A. Antivirus
B. IDS
C. SIEM
D. HIDS

Answer: A

NEW QUESTION 180
Which of the following attacks can TLS help mitigate?

A. Cross-site Scripting (XSS) Attacks
B. Social Engineering Attacks
C. Man-in-the-middle (MiTm) Attacks (Correct)
D. SQL Injection Attacks

Answer: C

NEW QUESTION 181
What is the purpose of non-repudiation in information security?

A. To ensure data is always accessible when needed
B. To protect data from unauthorized access
C. To prevent the sender or recipient of a message from denying having sent or received the message
D. To ensure data is accurate and unchanged

Answer: C

NEW QUESTION 186
Dylan is creating a cloud architecture that requires connections between systems in two different private VPCs. What would be the best way for Dylan to enable this access?

A. VPN Connection
B. Internet Gateway
C. Public IP Address
D. VPC Endpoint

Answer: D

NEW QUESTION 190
Is defined as the process of identifying, estimating and prioritizing risks

A. Risk Assessment
B. Risk Treatment
C. Risk mitigation
D. Risk Management

Answer: A

NEW QUESTION 191
Which is the component of a Business Continuity (BC) plan

A. Immediate response procedures and checklists
B. Notification systems and call trees for alerting personnel
C. Guidance for management, including designation of authority for specific managers
D. ALL

Answer: D

NEW QUESTION 192
Which of the following is a type of risk that involves the unauthorized use or disclosure of confidential information such as passwords, financial data or personal information?

A. Compliance risk
B. Reputatuinal risk
C. Operational risk
D. Information risk

Answer: D

NEW QUESTION 197
What is the primary goal of network segmentation in cybersecurity?

A. To increase network speed
B. To isolate and protect critical assets
C. To centralize data storage
D. To expand the network's coverage

Answer: B

NEW QUESTION 199
In DAC, the policy specifies that a subject who has been granted access to information can do the following:

A. Change security attributes on subjects, objects, information systems or system components
B. Choose the security attributes to be associated with newly created or revised objects
C. Change the rules governing access control
D. ALL

Answer: D

NEW QUESTION 200
What is an IP address

A. A physical address used to connect multiple devices in a network
B. An address that denotes the vendor or manufacturer of the physical network interface
C. A Logical address associated with a unique network interface within the network
D. An Address that represents the network interface within the network

Answer: C

NEW QUESTION 202
What is the primary purpose of a firewall in network security?

A. Encrypt data transmissions
B. Prevent unauthorized access
C. Monitor network traffic
D. Backup critical data

Answer: B

NEW QUESTION 206
Which of the following uses registered port

A. HTTP
B. SMB
C. TCP
D. MS Sql server

Answer: D

NEW QUESTION 210
Which of the following is a characteristic of cloud

A. Broad Network Access
B. Rapid Elasticity
C. Measured Service
D. AII

Answer: B

NEW QUESTION 215

Which is the loopback address

A. ::1
B. 127.0.0.1
C. 255.255.255.0
D. Both A and B

Answer: D

NEW QUESTION 219
Which aspect of cybersecurity is MOST impacted by Distributed Denial of Service (DDoS) attacks?

A. Non-repudiation
B. Integrity
C. Availability
D. Confidentiality

Answer: C

NEW QUESTION 223
The means by which a threat actor carries out their objectives

A. Threat
B. Threat Vector
C. Exploit
D. Intrusion

Answer: B

NEW QUESTION 226
Which of these tool is commonly used to crack passwords

A. Bup Suite
B. Nslookup
C. Wireshark
D. John the ripper

Answer: D

NEW QUESTION 230
What is a threat in the context of cybersecurity

A. An inherent weakness or flaw in a system
B. Something in need of protection
C. The means by which a threat actor carries out their objectives
D. A person or thing that takes action to exploit a target organizations system vulnerabilities

Answer: D

NEW QUESTION 231
Exhibit.

information security is not built on which of the following?

A. Confidentiality
B. Availability
C. Accessibility
D. Integrity

Answer: C

NEW QUESTION 233
A company primary data center goes down due to a hardware failure causing a major disruption to the IT and communications systems. What is the focus of disaster recovery planning in this scenario

A. Maintaining critical business functions during the disruption
B. Fixing the hardware failure
C. Restoring IT and communications back to full operations after the disruptions
D. Guiding the actions of emergency response personnel during the disruption

Answer: C

NEW QUESTION 238
How many bits represent the organization unique identifier (oui) in mac addresses?

A. 16 Bits
B. 48 Bits
C. 24 Bits
D. 32 Bits

Answer: C

NEW QUESTION 240
Removing the design belief that the network has any trusted space. Security is managed at eachpossible level, representing the most granular asset. Micro segmentation of workloads is a tool of the model.

A. Zero Trust
B. DMZ
C. VLAN
D. Micro Segmentation

Answer: A

NEW QUESTION 244
Which layer of OSI the Firewall works

A. Layer 3
B. Layer 4
C. Layer 7
D. AII

Answer: D

NEW QUESTION 245
Some Employee of his organization launched a privilege escalation attack to gain root access on one of the organization's database serversiThe employee does have an authorized user account on the server. What log file would be MOST likely to contain relevant information??

A. Database application log
B. Firewall log
C. Operating system log
D. IDS log

Answer: C

NEW QUESTION 248
provide integrity services that allow a recipient to verify that a message has not been altered.

A. Hashing
B. encryption
C. decryption
D. encoding

Answer: A

NEW QUESTION 250
Type of cyber attack carried out over a LAN that involves sending malicious packets to a default gateway on a LAN

A. ARP Poisoning
B. Syn Flood
C. Ping of death
D. Trojan

Answer: A

NEW QUESTION 254
Hashing used to safe guard which CIA triad

A. Confidentiality
B. Availability
C. Integrity
D. AII

Answer: C

NEW QUESTION 257
Modern solutions try to provide a more holistic approach detecting rootkits, ransomware and spyware.

A. Antivirus
B. IDS
C. IPS
D. Anti Malware

Answer: D

NEW QUESTION 260
What goal of security is enhanced by a strong business continuity program?

A. non-repudiation
B. Availability
C. Confidentiality
D. Integrity

Answer: B

NEW QUESTION 265
A prolonged and targeted cyberattack in which an intruder gains access to a network and remains undetected for an extended period of time.

A. Spoofing
B. Phishing
C. DOS
D. Advanced Persistent Threat

Answer: D

NEW QUESTION 270
Which phase of the access control process(AAA) does a user prove his/her identity?

A. Authentication
B. Authorization
C. Identification
D. Accounting

Answer: A

NEW QUESTION 271
What is IPSEC reply attack

A. An attack where an attacker modifies packets in transit
B. An attack where an attacker eavesdrops on network traffic
C. An attack where an attacker overloads a network with traffic
D. An attack where an attacker attempts to inject packets in an existing sessio

Answer: D

NEW QUESTION 272
When responding to a security incident, your team determines that the vulnerability that was exploited was not widely known to the security community, and that there are no currently known definitions/listings in common vulnerability databases or collections. This vulnerability and exploit might be called _____

A. Malware
B. Zero-day
C. Event
D. Attack

Answer: B

NEW QUESTION 277
Security control used to protect against environmental threats such as fire, flood and earth quakes

A. Physical control
B. Logical Control
C. Adminstrative Control
D. Thechnical control

Answer: A

NEW QUESTION 278
What is the end goal of DRP

A. All System backup restored
B. DR site activated
C. Shifting the Infrastructure to new place
D. Business restored to full last-known reliable operations.

Answer: D

NEW QUESTION 279
The internet standards organization, made up of network designers, operators, vendors and researchers, that defines protocol standards

A. ISO
B. NIST
C. IETF
D. GDPR

Answer: C

NEW QUESTION 282
How often should an organization test its business continuity plan

A. Continually
B. Annually
C. Routinely
D. Daily

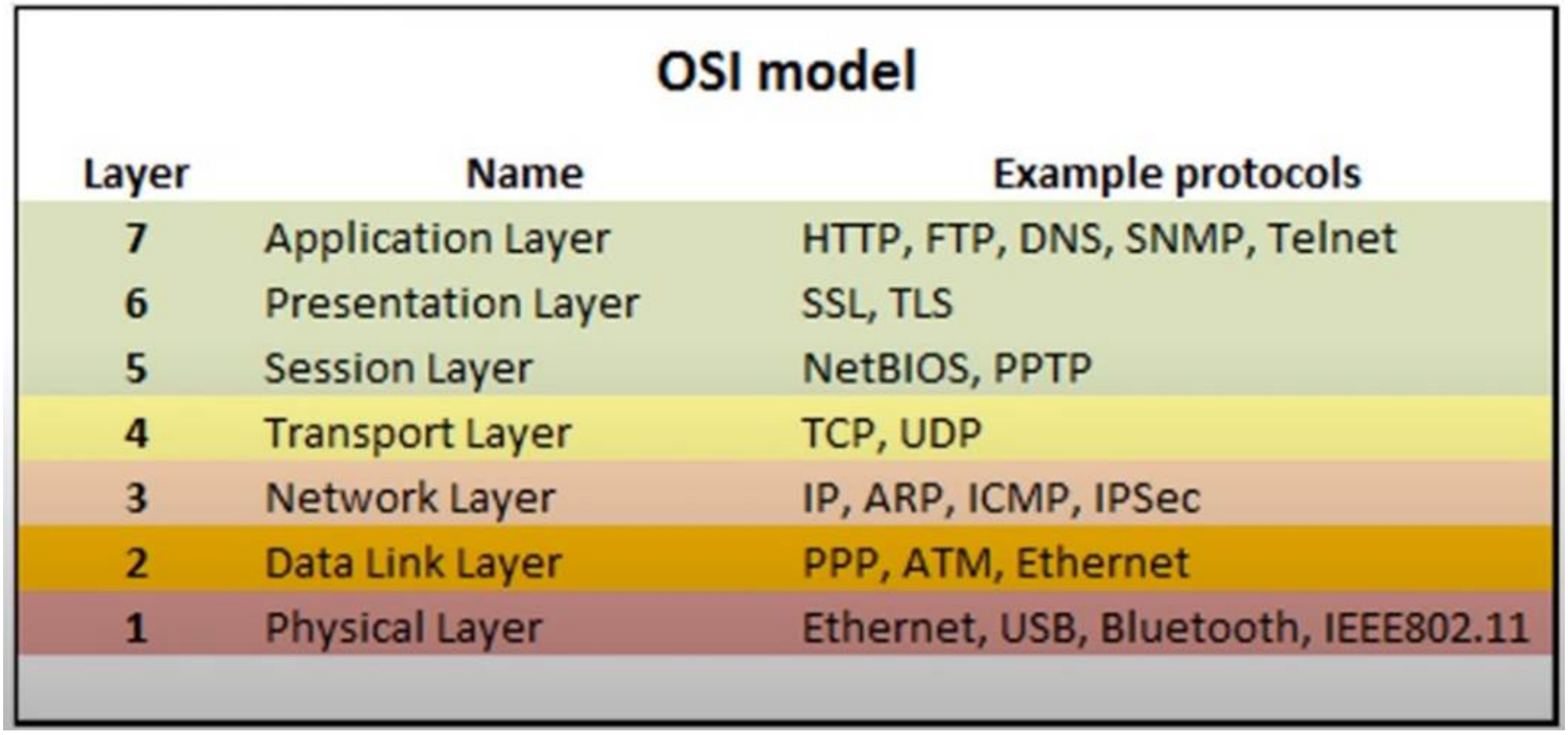
Answer: C

NEW QUESTION 283
Which access control model grants permission based on the sensitivity of the data and the user job functions

A. DAC
B. RBAC
C. MAC
D. RUBAC

Answer: B

NEW QUESTION 285
Exhibit.



IPSec works in which layer of OSI Model

A. Layer 2
B. Layer 5
C. Layer 3
D. Layer 7

Answer: C

NEW QUESTION 289
What is the recommended range of temperature for optimized maximum uptime and hardware life in a data center?

A. 62 F to 69 F
B. 64 F to 81 F
C. 82 F to 90 F
D. 91 F to 100 F

Answer: B

NEW QUESTION 292
A logical group of workstations, servers and network devices that appear to be on the same LAN despite their geographical distribution.

A. LAN
B. VPN
C. WLAN

D. VLAN

Answer: D

NEW QUESTION 294
Which of the following best describes the puposes of a business impact analysis?

A. To document a predetermined set of instructions or procedures for restoring IT and communications services after a disruption
B. To mitigate security violation and ensure that business operation can continue during a contigency
C. To provide a high level overview of the disaster recovery plan
D. To analyze an information systems requirements and functions in order to determine system contingency priorities

Answer: D

NEW QUESTION 296
A method for risk analysis that is based on the assignment of a descriptor such as low, medium or high.

A. Quantitative Risk Analysis
B. Risk Assessment
C. Risk Mitigation
D. Qualitative Risk Analys

Answer: D

NEW QUESTION 299
Which of these components is very likely to be instrumental to any disaster recovery (DR) effort?

A. Routers
B. Laptops
C. Firewalls
D. Backups

Answer: D

NEW QUESTION 301
Mark is configuring an automated data transfer between two hosts and is choosing an authentication technique for one host to connect to the other host. What approach would be best-suited for this scenario?

A. Biometric
B. Smart Card
C. SSH Key
D. Hard Coded Password

Answer: C

NEW QUESTION 304
Sending employees to work at a customer's home can open your business to more risk of bodily injury or property damage claims. So, to reduce risk and avoid potential losses, you decide not to offer those kinds of services

A. Risk Acceptance
B. Risk Assessment
C. Risk Avoidance
D. Risk Control

Answer: C

NEW QUESTION 309
A type of malware that downloads onto a computer disguised as a legitimate program

A. Worm
B. Trojan
C. virus
D. Ransomware

Answer: B

NEW QUESTION 312
Representation of data at Layer 3 of the Open Systems Interconnection (OSI) model.

A. Segment
B. Packet
C. Frame
D. None of the Above

Answer: B

NEW QUESTION 317
Which access control model is best suited for a large organization with many departments that have different data access needs

A. DAC
B. RBAC
C. MAC
D. RUBAC

Answer: B

NEW QUESTION 322
What is the benefit of subnet

A. By increasing network bandwidth
B. By improving network security
C. By reducing network congestion
D. By simplifying network management

Answer: C

NEW QUESTION 326
Which type of malware encrypts a users file system and demands payment in exchange of decrypting key

A. Worm
B. Trojan
C. virus
D. Ransomware

Answer: D

NEW QUESTION 330
The Bell and LaPadula access control model is a form of

A. RBAC
B. MAC
C. DAC
D. ABAC

Answer: B

NEW QUESTION 334
Which of the following is often associated with DR planning?

A. Checklists
B. Antivirus
C. firewall
D. AII

Answer: D

NEW QUESTION 336
Shaun is planning to protect their data in all states(Rest, Motion, use), defending against data leakage. What would be the BEST solution to implement?

A. End to end encryption.
B. Hashing
C. DLP
D. Threat Modeling

Answer: C

NEW QUESTION 338
Who must follow HIPAA Compliance

A. Energy Sector
B. Health Care
C. Finance Sector
D. ALL

Answer: B

NEW QUESTION 343
Security commensurate with the risk and the magnitude of harm resulting from the loss, misuse or unauthorized access to or modification of information

A. Risk Management
B. Risk Assessment
C. Risk Mitigation
D. Adequate Security

Answer: D

NEW QUESTION 345
Which type of application can intercept sensitive information such as passwords on a network segment?

A. Log server
B. Network Scanner
C. Firewall
D. Protocol Analyzer

Answer: D

NEW QUESTION 350
A company security team detected a cyber attack against it information systems and activates a set of procedures to mitigate the attack., What type of plan is this?

A. Business continuty plan
B. Incident response plan
C. Disaster recvoery plan
D. Security operation plan

Answer: B

NEW QUESTION 351
What is the main purpose of using digital signatures in communication security?

A. To encrypt sensitive data during transmission
B. To verify the identity of the sender and ensure the integrity of the message (Correct)
C. To prevent unauthorized access to a network
D. To compress data to reduce bandwidth usage

Answer: B

NEW QUESTION 353
A company wants to ensure that its employees cannot bring unauthorized electronic devices into the workspace which physical control is best suited for this

A. Metal Detectors
B. Security gaurds
C. RFID scanners
D. Baggage X-ray machinces

Answer: A

NEW QUESTION 355
What is the primary goal of Identity and Access Management (1AM) in cybersecurity?

A. To ensure 100% security against all threats
B. To provide secure and controlled access to resources
C. To eliminate the need for user authentication
D. To monitor network traffic for performance optimization

Answer: A

NEW QUESTION 357
Example of Deterrent controls

A. CCTV
B. BCP
C. DRP
D. IRP

Answer: A

NEW QUESTION 359
Which of the following best describes the type of technology the team should implement to increase the work effort of buffer overflow attacks?

A. Address space layout randomization
B. Memory induction application
C. Input memory isolation
D. Read-only memory integrity checks

Answer: A

NEW QUESTION 364
What is the term used to denote the inherent set of privileges assigned to a user upon the creation of a new account?

A. Aggregation
B. Transitivity
C. Baseline
D. Entitlement

Answer: C

NEW QUESTION 368
Which of these is WEAKEST form of authentication we can implement?

A. Something you know
B. Something you are
C. Something you have
D. Biometric authentications

Answer: A

NEW QUESTION 373
Natalia is concerned that users on her network may be storing sensitive information, such as social security numbers, on their hard drives without proper authorization or security controls. What 3rd -party security service can she implement to best detect this activity?

A. IDS - Intrusion Detection System
B. IPS - Intrusion Prevention System
C. DLP - Data Loss Protection
D. TLS - Transport Layer Security

Answer: C

NEW QUESTION 378
A Company wants to ensure that its employees can access the network resources from anywhere in the world which access control model is best suited for this scenario

A. DAC
B. RBAC
C. MAC
D. ABAC

Answer: D

NEW QUESTION 383
What is the process of verifying a users identity called?

A. Confidentiality
B. Autentication
C. Authorization
D. Identification

Answer: B

NEW QUESTION 388
Your organization is concerned about network security and wants to prevent unauthorized access to its resources by implementing a security model where the network has not
trusted space what type of security model is this

A. Zero trust
B. Trusted computing
C. Trusted platform modelus
D. Trusted execution environment

Answer: A

NEW QUESTION 392
Which security control mostly used to prevent data breach

A. Physical control
B. Logical Control
C. Adminstrative Control
D. RBAC

Answer: B

NEW QUESTION 395
Access control used in in high-security situations such as military and government organizations.

A. DAC
B. MAC
C. RBAC
D. ABAC

Answer: B

NEW QUESTION 397
Which of these is an example of deterrent control

A. Biometric
B. Guard Dog
C. Encryption
D. Trunstile

Answer: B

NEW QUESTION 399
Measure of the extent to which an entity is threatened by a potential circumstance or event and likelihood of occurrence

A. Impact
B. Risk
C. Threat
D. Threat Vector

Answer: B

NEW QUESTION 401
Devid's team recently implemented a new system that gathers information from a variety of different log sources, analyses that information, and then triggers automated playbooks in response to security events, what term BEST describes this technology?

A. SIEM
B. Log Repository
C. IPS
D. SOAR

Answer: D

NEW QUESTION 402
An employee unintentionally shares confidential information with an unauthorized party. What term best describes this situation?

A. Event
B. Exploit
C. Intrusion
D. Breach

Answer: D

NEW QUESTION 407
Granting a user access to services or the system

A. Authentication
B. Identification
C. Authorization
D. Confidentiality

Answer: C

NEW QUESTION 410
What is sensitivity in the context of confidentiality

A. The harm caused to externl stakeholders if information is disclosed or modified
B. The ability of information to be accessed only by authorized individuals
C. The need for protection assigned to information by its owner
D. The Health status of the individuals

Answer: C

NEW QUESTION 414
True or False? The IT department is responsible for creating the organization's business continuity plan

A. True
B. False

Answer: B

NEW QUESTION 417
Which type of fire suppression system is more friendly to electronics

A. Carbon di Oxide based
B. Chemical based
C. Water based
D. Foam based

Answer: A

NEW QUESTION 418
A company experiences a major IT outage and cannot perform its critical business functions. What type of plan will hep the company recover from this event?

A. BCP
B. IRP C DRP
C. BIA

Answer: C

NEW QUESTION 422
When the ISC2 Mail server sends mail to other mail servers it becomes —?

A. SMTP Server
B. SMTP Peer
C. SMTP Master
D. SMTP Client

Answer: D

NEW QUESTION 427
Which type of attack attempts to gain information by observing the devices power consumption

A. DOS
B. Side Channles
C. XSS
D. XSRF

Answer: B

NEW QUESTION 431
What is the purpose of multi-factor authentication (MFA) in 1AM?

A. To simplify user access
B. To eliminate the need for authentication
C. To add an additional layer of security by requiring multiple forms of verification
D. To grant unrestricted access to all users

Answer: C

NEW QUESTION 433
Which of the following is the least secure communications protocol?

A. CHAP
B. Ipsec
C. PAP
D. EAP

Answer: C

NEW QUESTION 436
John joined the ISC2 Organizations, his manager asked to check the authentications in security module. What would John use to ensure a certain control is working as he want and expect it to?

A. Security Testing
B. Security assessment
C. Security audit
D. Security walkthrough

Answer: A

NEW QUESTION 438
What cybersecurity principle focuses on granting users only the privileges necessary to perform their job functions?

A. Least privilege (Correct)
B. defense in depth
C. separation of duties
D. need-to-know basis

Answer: A

NEW QUESTION 442
Permitting authorized access to information while protecting it from improper disclosure

A. Integrity
B. Confidentiality
C. Availability
D. ALL

Answer: B

NEW QUESTION 444
organization experiences a security event that potentially jeopardizes the confidentiality, integrity or availability of its information system. What term best describes this situation?

A. Breach
B. Event
C. Incident
D. Exploit

Answer: C

NEW QUESTION 447
A company experiences a power outage that causes a major disruption in its operations. What type of plan will help the company sustain operations?

A. DRP
B. IRP
C. BCP
D. ALL

Answer: C

NEW QUESTION 450
Which plan is activated when both the Incident response and BCP fails

A. Risk Management
B. BIA
C. DRP
D. None

Answer: C

NEW QUESTION 453
Who is responsible for publishing and signing the organization s policies?

A. The security office
B. Human resources
C. Senior management
D. The legal department

Answer: C

NEW QUESTION 458
Which one of the following cryptographic algorithms does not depend upon the prime factorization problem?

A. RSA - Rivest-Shamir-Adleman
B. GPG - GNU Privacy Guard
C. ECC - Elliptic curve cryptosystem
D. PGP - Pretty Good Privacy

Answer: C

NEW QUESTION 459
A company data center has been breached by hackers and all its systems have been taken down what is the main objective of the DRP in such a scenario?

A. To relocate the data center to another location

B. To ensure the physical safety of employees in the data center
C. To investigate and prosecute the hackers responsible of the attack
D. To restore the IT systems to their last known state

Answer: D

NEW QUESTION 463
Which of the following physical controls is used to protect against eavesdropping and data theft through electromagnetic radiation

A. EMI Shielding
B. Screening rooms
C. White noise generators
D. ALL

Answer: A

NEW QUESTION 467
What is the primary goal of the incident management team in the organization

A. Reduce the impact and resore services
B. Gathering and analyzing information
C. Conducting Leason learn meeting
D. RCA of the impact

Answer: A

NEW QUESTION 468
An unknown person obtaining access to the company file system without authorization is example of

A. Intrusion
B. Breach
C. Exploit
D. Incident

Answer: B

NEW QUESTION 471
Which type of network is set up similar to the internet but is private to an organization. Select the MOST appropriate?

A. Extranet
B. VLAN
C. Intranet
D. VPN

Answer: B

NEW QUESTION 473
A new BYOD policy has been enforced in NEW Corp which type of control is used to enforce thissecurity policies

A. Physical control
B. Logical Control
C. Administrative Control
D. Technical Control

Answer: C

NEW QUESTION 478
Which is a curated knowledge base and model for cyber adversary behavior, reflecting the various phases of an adversary's attack lifecycle and the platforms they are known to target

A. MITRE ATT&CK
B. CVE
C. Risk Management framework
D. Security Management

Answer: A

NEW QUESTION 482
Which protocol is used for secure email

A. POP3S
B. IMAPS
C. SMTPS
D. AII

Answer: D

NEW QUESTION 485
The amount of risk, at a broad level, that an organization is willing to accept in pursuit of its strategic objectives.

A. Risk Assessment
B. Risk Transfer
C. Risk Appetite
D. Risk Management

Answer: C

NEW QUESTION 487
Often offered by third-party organizations and cover specific
advisory or compliance objectives.

A. Standard
B. PolicyC Procedure
C. Laws or Regulations

Answer: A

NEW QUESTION 492
Walmart has large ecommerce presence in world. Which of these solutions would ensure the LOWEST possible latency for their customers using their services?

A. CDN
B. SaaS
C. Load Balancing
D. Decentralized Data Centers

Answer: A

NEW QUESTION 497
allows for extremely granular restrictions within the IT environment, to the point where rules can be applied to individual machines and/or users,

A. DMZ
B. Microsegmentation
C. VLAN
D. NAC

Answer: B

NEW QUESTION 498
A common network device used to filter traffic?

A. Server
B. Endpoint
C. Ethernet
D. Firewa

Answer: D

NEW QUESTION 501
When responding to a security incident, your team determines that the vulnerability that was exploited was not widely known to the security community, and that there are no currently known definitions/listings in common vulnerability databases or collections. This vulnerability and exploit might be called _____

A. Malware
B. Zero-day
C. Event
D. Attack

Answer: B

NEW QUESTION 503
Example of Technical controls

A. Security Guard
B. GPS installed in vehicle to track location
C. Door Lock
D. None

Answer: B

NEW QUESTION 508

Provides confidentiality by hiding or obscuring a message so that it cannot be understood by anyone except the intended recipient.

A. Hashing
B. Encoding
C. Cryptography
D. AII

Answer: C

NEW QUESTION 513
Government can imposes financial penalties as a consequence of breaking a

A. Standard
B. Regulation
C. Policy
D. Procedures

Answer: B

NEW QUESTION 518
Which of the following properties is not guaranteed by Digital signatures

A. Authentication
B. Confidentiality
C. Non-Repudiation
D. Integrity

Answer: B

NEW QUESTION 520
Which of the following is a common security measure to prevent Cross Site Scripting (XSS) attacks in web applications?

A. implementing strong password policies
B. using a firewall to block incoming traffic
C. validating and sanitizing user input (Correct)
D. encrypting data during transmission

Answer: C

NEW QUESTION 523
The practice of sending fraudulent communications that appear to come from a reputable source

A. DOS
B. Virus
C. Spoofing
D. Phishing

Answer: D

NEW QUESTION 526
A company's governing board may agree that legal services will examine any third-party contracts, so they create a _____ stating that aside from legal services, no other department in the companvhahppn pivpn nprmkcinn to review third-party contracts

A. Procedure
B. Policy
C. Standard
D. Law

Answer: B

NEW QUESTION 530
A collection of actions that must be followed in order to complete a task or process in accordance with a set of rules

A. Policy
B. Procedure
C. Law
D. Standard

Answer: B

NEW QUESTION 531
What principle states that individuals should only have the minimum set of permissions necessary to carry out their job functions?

A. Least privilege
B. Two person control

C. Job rotation
D. Separation of privileges

Answer: A

NEW QUESTION 535
Which ensure maintaining business operations during or after an incident

A. Incident Response
B. Business Continuity
C. Disaster Recovery
D. AII

Answer: C

NEW QUESTION 539
What is the purpose of the CIA triad terms

A. To make security more understable to management and users
B. To describe security using relevant and meaningful words
C. To define the purpose of security
D. AII

Answer: D

NEW QUESTION 543
What is the most important aspect of security awareness/training?

A. Maximizing business capabilities
B. Protecting assets
C. Protecting health and human safety
D. Ensuring the confidentiality of data

Answer: C

NEW QUESTION 546
Load balancing safe guard which CIA triad

A. Confidentiality
B. Availablity
C. Integrity
D. All

Answer: B

NEW QUESTION 548
A company primary data center goes down due to a hardware failure causing a major disruption to the IT and communications systems. What is the focus of disaster recovery planning in this scenario

A. Maintaining critical business functions during the disruption
B. Fixing the hardware failure
C. Restoring IT and communication system back to full operations after the disruptions.
D. Guiding the actions of emergency response personnel during the disruption

Answer: C

NEW QUESTION 551
What does the concept of integrity applied to

A. Organization
B. Information system and processes for business operations
C. People
D. ALL

Answer: D

NEW QUESTION 555
Which of the following is very likely to be used in a disaster recovery (DR) effort?

A. Guard dogs
B. Contract personnel
C. Data backups
D. Anti-malware solutions

Answer: C

NEW QUESTION 557
What is the BEST defense against dumpster diving attacks?

A. Anti-malware software
B. Clean desk policy
C. Data loss prevention tools
D. Shredding

Answer: D

NEW QUESTION 562
Which authentication helps build relationships between different technology providers, enabling automatic identification and user access. Employees no longer need to enter separate usernames and passwords when visiting a new service provider

A. Basic
B. Kerberos
C. Token Based
D. Federated

Answer: D

NEW QUESTION 567
Risk tolerance also known as

A. Risk threshold
B. Risk appetite
C. Acceptable risk
D. AII

Answer: D

NEW QUESTION 571
Devid is worried about distributed denial of service attacks against his company's primary web application, which of the following options will provide the MOST resilience against large-scale ddos attacks?

A. Implement a CDN
B. Increase the number of servers in the web application server cluster
C. Contract for DDoS mitigation services via the company's IPS
D. Increase the amount of bandwidth available from one or more ISPs

Answer: A

NEW QUESTION 572
DDOS attack affect which OSI layer

A. Network layer
B. Transport layer
C. Physical Layer
D. Both A and B

Answer: D

NEW QUESTION 575
Which of these is the most efficient and effective way to test a business continuity plan

A. Simulations
B. Discussions
C. Walkthroughs
D. Reviews

Answer: A

NEW QUESTION 576
The prevention of authorized access to resources or the delaying of time critical operations.

A. ARP Poisoning
B. Syn Flood
C. Denial-of-Service (DoS)
D. AII

Answer: C

NEW QUESTION 581
Port scanning attack target which OSI layer

A. Layer 4
B. Layer 3
C. Layer 5
D. Layer 6

Answer: A

NEW QUESTION 583
Which is not possible models for an Incident Response Team (IRT):

A. Leveraged
B. Dedicated
C. Hybrid
D. Outsourced

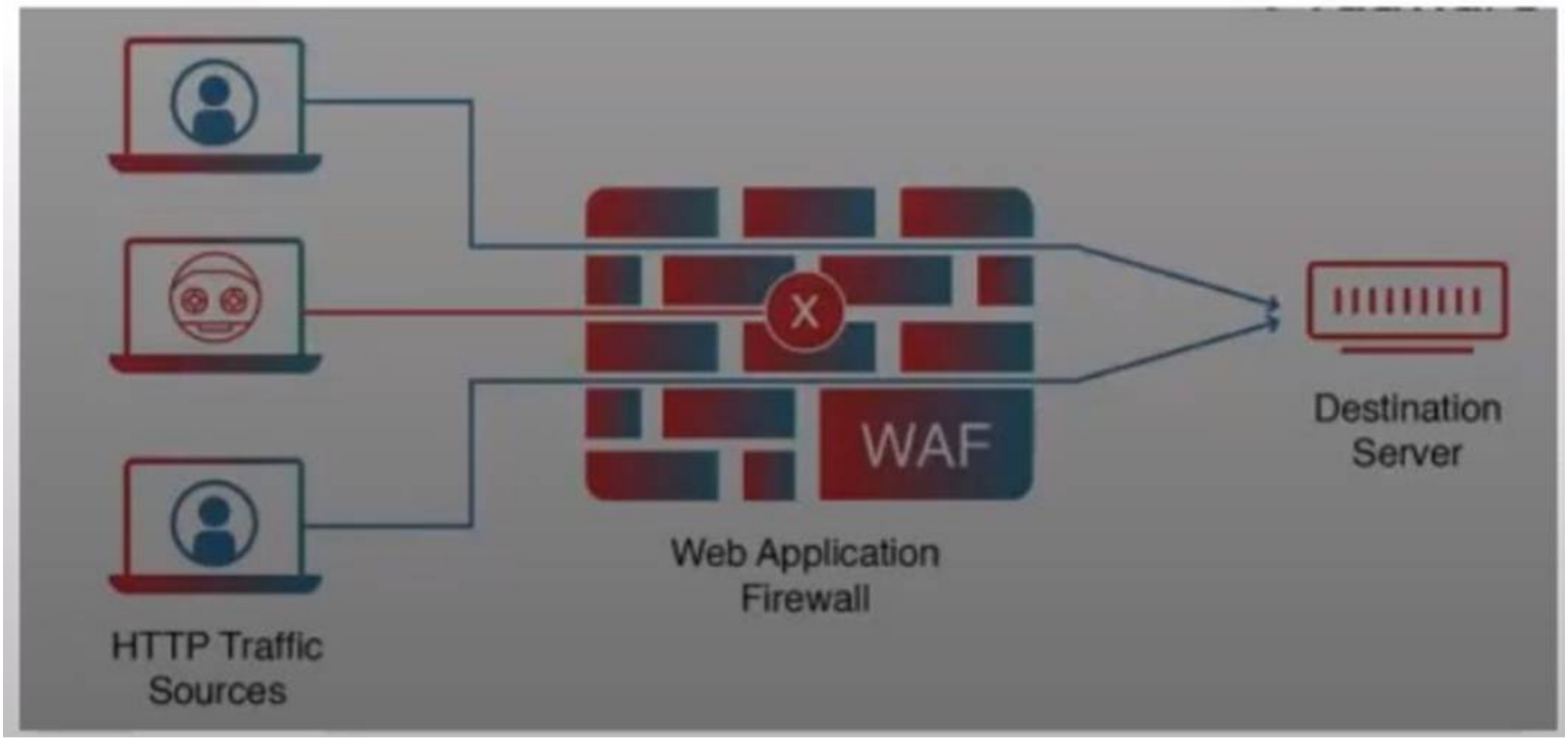
Answer: D

NEW QUESTION 585
Uses multiple types of access controls in literal or theoretical layers to help an organization avoid a monolithic security

A. DMZ
B. VLAN
C. Defence in Depth
D. VPN

Answer: C

NEW QUESTION 587
Exhibit.



What is the PRIMARY purpose of a web application firewall (WAF)?

A. To protect the web server from DDoS attacks
B. To monitor network traffic for intrusions
C. To filter and block malicious web traffic and requests
D. To manage SSL certificates

Answer: C

NEW QUESTION 590
Why is an asset inventory much important?

A. It tells you what to encrypt
B. The law requires it
C. It contains a price list
D. You can't protect what you don't know you have

Answer: D

NEW QUESTION 593

Mark works in the security office. During research, Mark learns that a configuration change could better protect the organization's IT environment. Mark makes a proposal for this change, but the change cannot be implemented until it is approved, tested, and then cleared for deployment by the Change Control Board. This is an example of _____

A. Holistic security
B. Defense in depth
C. Threat intelligence
D. Segregation of duties

Answer: D

NEW QUESTION 597
A standard that defines wired communications of network devices

A. Switch
B. Hub
C. router
D. Ethernet

Answer: D

NEW QUESTION 599
The harmonization of automated computing tasks, providing a consolidated and reusable workflow

A. Cloud Orchestration
B. Cloud Manager
C. Cloud broker
D. Cloud Controller

Answer: A

NEW QUESTION 603
A Company critical functions were disrupted due to a system outage. What plan should theorganization have in place to sustain these operations during and after a significant disruptions?

A. DRP
B. BCP
C. IRP
D. ALL

Answer: B

NEW QUESTION 608
A backup is which type for security control

A. Preventive
B. Deterrent
C. Recovery
D. Corrective

Answer: C

NEW QUESTION 610
Methods or mechanisms cybercriminals use to gain illegal, unauthorized access to computer systems and networks.

A. Attacker
B. Threat Vector
C. Threat
D. Threat actor

Answer: B

NEW QUESTION 614
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