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
In the context of cybersecurity, typical threat actors include the following:

A. Insiders (either deliberately, by simple human error, or by gross incompetence).
B. Outside individuals or informal groups (either planned or opportunistic, discovering vulnerability).
C. Technology (such as free-running bots and artificial intelligence
D. All

Answer: D

NEW QUESTION 3
Faking the sender address in a transmission to gain illegal entry into a secure system

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

Answer: C

NEW QUESTION 4
A chief information security officer (CISO) at a large organization documented a policy that establishes the acceptable use of cloud environments for all staff. This is an example of

A. Technical control
B. Physical control
C. Cloud control
D. Management/Administrative control

Answer: D

NEW QUESTION 5
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 6
Which is related to Standard

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

Answer: A

NEW QUESTION 7
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 8
In which of the following phases of an incident recovery plan the incident responses prioritized

A. Post incident activity
B. Containment eradication and recovery
C. Detection and analysis
D. Preparation

Answer: C

NEW QUESTION 9
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 10
TCP and UDP reside at which layer of the osi model?

A. Session
B. Transport
C. Data link
D. Presentation

Answer: D

NEW QUESTION 10
Type 1 authentication posses

A. Users may share their credential with others
B. User may forgot their passwords
C. Passwords may be intercepted and stolen
D. ALL

Answer: D

NEW QUESTION 13
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 17
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 21
What type of attack does the attacker store and reuse login information. Select the BEST answer?

A. Man-in-the-middle attack
B. Smurf attack
C. DDoS attack
D. Replay attack

Answer: D

NEW QUESTION 25
Which drives for the IPv6 introduction

A. IPv4 was not secured
B. IPv4 not combatible with new devices
C. Because IPv4 was projected to be exhausted
D. IPV6 support WiFi

Answer: C

NEW QUESTION 29
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 33
IDS can be described in terms of what fundamental functional components?

A. Response
B. Information Sources
C. Analysis
D. All of the choices.

Answer: D

NEW QUESTION 37
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 41
Which one of the following controls is not particularly effective against the insider threat?

A. Least privilege
B. Background checks
C. Firewalls
D. Separation of duties

Answer: C

NEW QUESTION 44
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 49
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 54
A _____ creates an encrypted tunnel to protect your personal data and communications

A. HTTPS
B. VPN
C. Anti-virus
D. IDS

Answer: B

NEW QUESTION 59
Finance Server and Transactions Server has restored its original facility after a disaster, what should be moved in FIRST?

A. Management
B. Most critical systems
C. Most critical functions
D. Least critical functions

Answer: D

NEW QUESTION 63
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 68
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 69
What is the range of well known ports

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

Answer: A

NEW QUESTION 73
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 77
Which of the following is endpint

A. Router
B. Firewall
C. Laptop
D. Switch

Answer: C

NEW QUESTION 81
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 83
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 84
Is a way to prevent unwanted devices from connecting to a network.

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

Answer: D

NEW QUESTION 85
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 87
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 88
In information systems terms, the activities necessary to restore IT and communications services of an organization during and after an outage

A. IR
B. BC
C. Risk Management
D. DR

Answer: D

NEW QUESTION 91
A tool used to inspect outbound traffic to reduce threats

A. Anti-ma I ware
B. NIDC
C. DLP
D. Firewall

Answer: C

NEW QUESTION 93
What security feature used in HTTPS

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

Answer: D

NEW QUESTION 95
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 98
Which Regulation addresses personal privacy

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

Answer: B

NEW QUESTION 102
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 105
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 107
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 108
The primary functionality of PAM is?

A. Validate the level of access a user have to a file
B. Prevent unauthorized access to organizational assets
C. Provide just-in-time access to critical resources
D. Manage centralized access control

Answer: C

NEW QUESTION 109
Information should be consistently and readily accessible for authorized parties ?

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

Answer: C

NEW QUESTION 113
A company needs to protect its confidential data from unauthorized access which logical control is best suited for this scenario

A. Encryption
B. Firewall
C. Antivirus
D. Hashing

Answer: A

NEW QUESTION 115
Is an integrated platform and graphical tool for performing security testing of web applications.

A. Burb suite
B. Wireshark C Fiddler

C. ZenMap

Answer: A

NEW QUESTION 118
When Operating in A Cloud Environment, What Cloud Deployment Model Provides Security Teams With The Greatest Access To Forensic Information?

A. FaaS
B. SaaS
C. PaaS
D. laaS

Answer: D

NEW QUESTION 120
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 124
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 129
In what way do a victim's files get affected by ransomware?

A. By destroying them
B. By encrypting them
C. By stealing them
D. By selling them

Answer: B

NEW QUESTION 133
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 134
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 139
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 140
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 144
Which is an authorized simulated attack performed on a computer system to evaluate its security.

A. Penetration test
B. Security Testing
C. Automated Testing
D. Regression Testing

Answer: A

NEW QUESTION 145
When is the Business Continuity Plan Enacted?

A. When there is a event
B. When there is a incident
C. When there is a loss of business operations
D. When there is a natural disaster

Answer: C

NEW QUESTION 149
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 152
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 156
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 159
Which type of software testing focuses on examining the source code for vulnerabilities and security issues?

A. Black-box testing
B. White-box testing
C. Functional testing
D. User acceptance testing

Answer: B

NEW QUESTION 164
Which of the following security controls is designed to prevent unauthorized access to sensitive information by ensuring that it is only accessible to authorized users?

A. Encryption
B. Firewall
C. Antivirus
D. Access control

Answer: D

NEW QUESTION 167
The requirement of both the manager and the accountant to approve the transaction fund exceeding $ 50000. Which security concept best suits this

A. MAC
B. Defence in Depth
C. Two Person integrity
D. Principle of least privilege

Answer: C

NEW QUESTION 168
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 172
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 175
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 179
Which layer of OSI the Firewall works

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

Answer: D

NEW QUESTION 184
Who should participate in creating a BCP

A. Only members from the IT department
B. Only members from the management team
C. Members from across the organization
D. Only members from the finanace department

Answer: C

NEW QUESTION 188
What is knowledge based authentication

A. Authentication based on a passphrase or secret code
B. Autheication based on a token or memory card
C. Authentication based on biometrics or measurble charestrisirtcs

D. Authencication based on something you do

Answer: A

NEW QUESTION 193
Which type of encryption uses only one shared key to encrypt and decrypt?

A. Public key
B. Asymmetric
C. Symmetric
D. TCB key

Answer: C

NEW QUESTION 195
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 196
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 201
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 205
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 210
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 214
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 218
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 219
A company network experience a sudden flood of network packets that causes major slowdown in internet traffic. What type of event it this?

A. Security incident
B. Natural disaster
C. Exploit
D. Adverse event

Answer: D

NEW QUESTION 222
Which of the following is not an element of system security configuration management

A. Baselines
B. Updates
C. Inventory
D. Audit logs

Answer: D

NEW QUESTION 224
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 229
How does IPSec protect against reply attacks

A. By using sequence numbers
B. By limiting access to the network
C. By using digital signatures
D. By encryption all network traffic

Answer: A

NEW QUESTION 230
XenServer, LVM, Hyper-V, ESXi are

A. Type 2 Hypervisor
B. Type 1 Hypervisor
C. Both
D. None

Answer: B

NEW QUESTION 232
Which is the SSH port

A. 21
B. 23
C. 24
D. 22

Answer: D

NEW QUESTION 235
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 239
The process of running a simulated instances of a computer system in a layer abstracted from the underlying hardware server or workstation

A. Containerization
B. Simulation
C. Emulation
D. Virtualization

Answer: D

NEW QUESTION 243
What is the main purpose of creating baseline in ensuring system integrity

A. To compare the baseline with the current state of the systems
B. To protect the information
C. To understand the current state of the system
D. AII

Answer: A

NEW QUESTION 247
What is the first step in incident response planning

A. Develop a policy approved by management
B. Identify critical data and systems
C. Train staff on incident response
D. implement an incident response team

Answer: A

NEW QUESTION 250
A _____ is a distributed denial-of-service (DDoS) attack in which an attacker attempts to flood a targeted server with Internet Control Message Protocol (ICMP) packets.

A. DOS
B. Syn flood
C. Smurf attack
D. Phishing attack

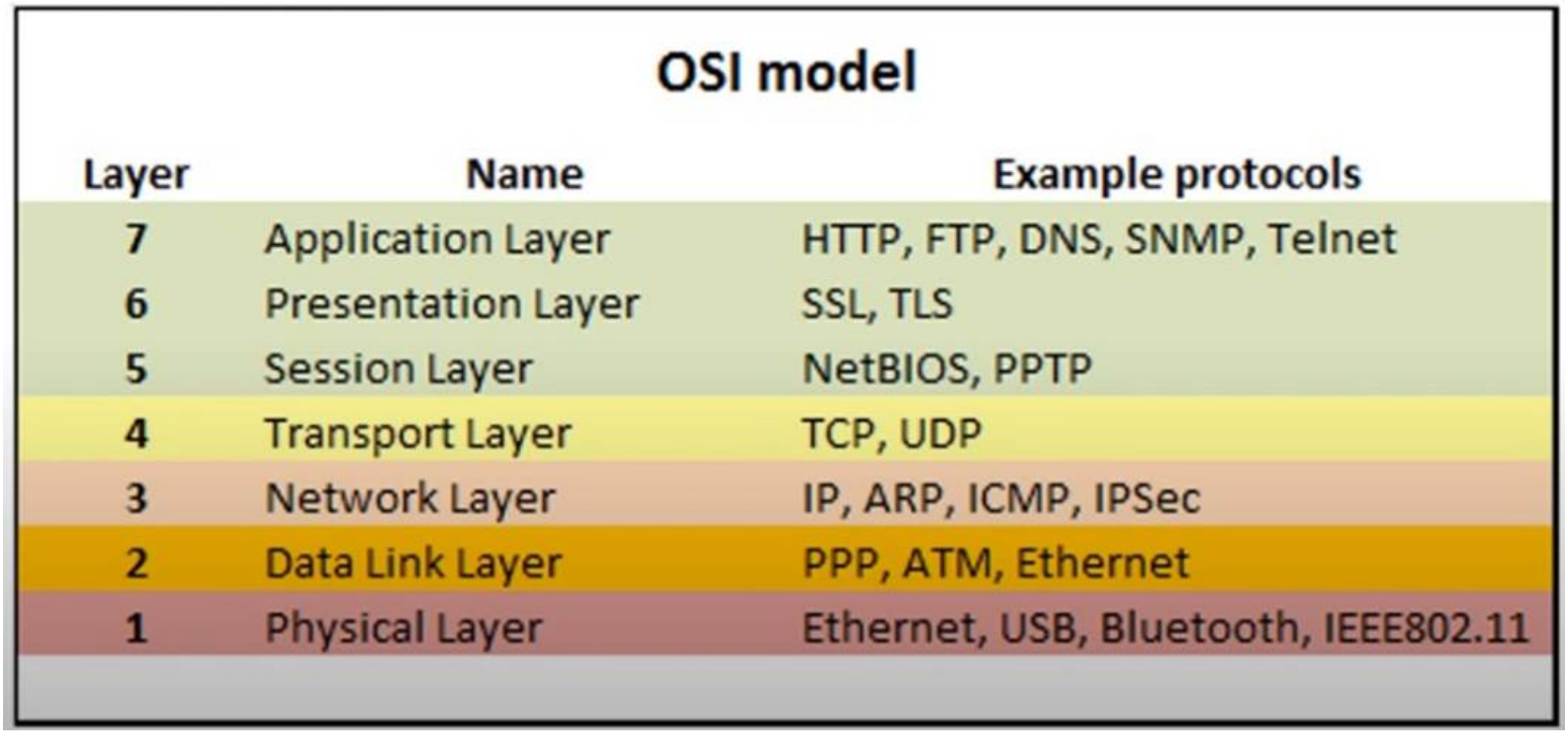
Answer: C

NEW QUESTION 253
Which of the following cloud service models provides the most suitable environment for customers to build and operate their own software?

A. SaaS
B. laaS
C. PaaS

Answer: A

NEW QUESTION 255
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 259
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 264
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 268
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 270
Which of the following is NOT one of the three main components of a sql database?

A. Views
B. Schemas
C. Tables
D. Object-oriented interfaces

Answer: D

NEW QUESTION 271
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 272
What is the priority of incident response in the context of incident management

A. Protect the organization mission and objectives
B. Reduce the impact of the incident
C. Protect life health and safety
D. Resume interrupted operations as soon as possible

Answer: C

NEW QUESTION 276
Which penetration testing technique requires the team to do the MOST work and effort?

A. White box
B. Blue box
C. Gray box
D. Black box

Answer: D

NEW QUESTION 280
Juli is listening to network traffic and capturing passwords as they are sent to the authentication server. She plans to use the passwords as part of a future attack. What type of attack is this?

A. Brute-force attack
B. Dictionary attack
C. Social engineering attack
D. Replay attack

Answer: D

NEW QUESTION 285
An agreement between a cloud service provider and a cloud service customer based on a taxonomy of cloud computing- specific terms

A. Memorandum of Understanding
B. Memorandam on Agreement
C. SLA
D. AII

Answer: C

NEW QUESTION 288
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 289
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 290
John was recently offered a consulting opportunity as a side job. He is concerned that this might constitute a conflict of interest. Which one of the following sources that he needs to refer to take an appropriate decision?

A. ISC2 Code of ethics
B. Organizational code of ethics
C. Country code of ethics
D. Organizational security policy

Answer: B

NEW QUESTION 295
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 296
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 301
DevOps team has updated the application source code, Tom has discovered that many unauthorized changes have been made. What is the BEST control Tom can implement to prevent a recurrence of this problem?

A. Backup
B. File labels
C. Security audit
D. Hashing

Answer: D

NEW QUESTION 305
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 310
Who must follow HIPAA Compliance

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

Answer: B

NEW QUESTION 313
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 317
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 318
Which layer of the OSI layer model is responsible for associate MAC addresses to network devices

A. Physical layer
B. Network layer C Data link layer
C. Transport layer

Answer: C

NEW QUESTION 322
Works via encapsulation and wrapping a packet inside another packet.

A. Network segmentation
B. Load balancing
C. Tunnelling
D. Data encryption

Answer: C

NEW QUESTION 327
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 330
Example of Deterrent controls

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

Answer: A

NEW QUESTION 333
Which of the following types of vulnerabilities cannot be discovered in the course of a routine vulnerability assessment?

A. Zero-day vulnerability
B. Kernel flaw
C. Buffer overflow
D. File and directory permissions

Answer: A

NEW QUESTION 337
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 342
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 343
Which is related to Privacy

A. GDPR
B. FIPS
C. MOU
D. AII

Answer: D

NEW QUESTION 345
What is the process of verifying a users identity called?

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

Answer: B

NEW QUESTION 347
Why is the recovery of IT often crucial to the recovery and sustainment of business operations

A. IT is not important to business operation
B. IT often the cause for the disaster
C. IT can be easily recovers without any impact of business operations
D. Many business rely heavily on IT for their operations

Answer: D

NEW QUESTION 351
Networks are often micro segmented networks, with firewalls at nearly every connecting point

A. DMZ
B. VPN
C. VLAN
D. Zero Trust

Answer: A

NEW QUESTION 354
Which document serve as specifications for the implementation of policy and dictates mandatory requirements

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

Answer: C

NEW QUESTION 356
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 357
Which security control mostly used to prevent data breach

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

Answer: B

NEW QUESTION 361
Why is security training important?

A. Because it fulfills regulatory requirements.
B. Because it helps people to perform their job duties more efficiently.
C. Because it reduces the risk of certain types of attacks, like social engineering.
D. AII

Answer: C

NEW QUESTION 366
Which of these is an example of deterrent control

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

Answer: B

NEW QUESTION 368
An IP network protocol standardized by the Internet Engineering Task Force (IETF) through RFC 792 to determine if a particular service or host is available.

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

Answer: B

NEW QUESTION 370
Which is strongly used for Securing Wi-Fi

A. WPA2
B. WEP
C. WPA
D. SSL

Answer: A

NEW QUESTION 375
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 379
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 381
What is the first component the new security engineer should learn about in the incident response plan?

A. Detection and analysis
B. Preparation
C. Containment
D. Eradication

Answer: B

NEW QUESTION 383
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 385
Granting a user access to services or the system

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

Answer: C

NEW QUESTION 386
Which of the following best describes a zero-day vulnerability?

A. A vulnerability that has been identified and patched by software vendors
B. A vulnerability that has not yet been discovered or publicly disclosed.
C. A vulnerability that can only be exploited by experienced hackers.
D. A vulnerability that affects only legacy systems.

Answer: B

NEW QUESTION 391
WF attack in which a subscriber currently authenticated to an Server and connected through a secure session browses to an attacker's website, causing the subscriber to unknowingly invoke unwanted actions at the Server

A. XSS
B. CSRF
C. Spoofing
D. ALL

Answer: B

NEW QUESTION 392
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 393
The purpose of risk identification:

A. Employees at all levels of the organization are responsible for identifying risk.
B. Identify risk to communicate it clearly.
C. Identify risk to protect against it.
D. ALL

Answer: D

NEW QUESTION 397
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 401
A/hich layer of the OSI Layer model is the target of a buffer overflow attack

A. Layer 7
B. Layer 3
C. Layer 5
D. Layer 4

Answer: A

NEW QUESTION 405

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 408
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 412
Which of these activities is often associated with DR efforts?

A. Running anti-malware solutions
B. Scanning the IT environment for vulnerabilities
C. Zero-day exploits
D. Employees returning to the primary production location

Answer: D

NEW QUESTION 415
What kind of control is, when we add a backup firewall that takes over if the main one stops working?

A. Clustering
B. High availability(HA)
C. Load balancing
D. Component redundancy

Answer: B

NEW QUESTION 417
The highest-level governance documents in an organization, usually approved and issued by management, usually to support a compliance initiative

A. Standard
B. Policy
C. Procedure
D. Laws or Regulations

Answer: B

NEW QUESTION 422
Duke would like to restrict users from accessing a list of prohibited websites while connected to his network. Which one of the following controls would BEST achieve his objective?

A. URL Filter
B. IP Address Block
C. DLP Solution
D. IPS Solution

Answer: A

NEW QUESTION 427
Permitting authorized access to information while protecting it from improper disclosure

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

Answer: B

NEW QUESTION 429
Example of Type 1 Authentication

A. Password
B. Smart Card
C. Finger Print

D. RSA Token

Answer: A

NEW QUESTION 432
1 _____ is a weighted factor based on a subjective analysis of the probability that a given threat or set of threats is capable of exploiting a given vulnerability or set of vulnerabilities.

A. Likelihood of occurrence
B. Threat Vector
C. Risk
D. Impact

Answer: A

NEW QUESTION 434
Malicious code that acts like a remotely controlled "robot" for an attacker, with other Trojan and worm capabilities.

A. Rootkit
B. Ma I ware
C. Bot
D. Virus

Answer: C

NEW QUESTION 438
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 443
What should been done to limit the damage caused by the ransomware attack

A. Use a different email client to prevent malicious attachments
B. Add more Administrative users to the Domain Admins group
C. Delete all emails with attachments
D. Limit the use of administrative privileges to only when required

Answer: D

NEW QUESTION 445
Which access control model can grant access to a given object based on complex rules

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

Answer: A

NEW QUESTION 450
An attack in which an attacker listens passively to the authentication protocol to capture information that can be used in a subsequent active attack to masquerade as the claimant

A. Eavesdropping Attack
B. CSRF
C. XSS
D. ARP Spoofing

Answer: A

NEW QUESTION 455
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 459
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 461
Which type of control is used to restore systems or processes to their normal state after an attack has occurred

A. Compensatory Control
B. Recovery Control
C. Detective Control
D. Corrective Control

Answer: D

NEW QUESTION 466
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 467
Which layer provides the services to user?

A. Application layers
B. Session Layers
C. Presentation Layer
D. Physical Layer

Answer: A

NEW QUESTION 472
Who should participate in creation a business continuity plan

A. Onlymembersfrom the management team
B. only members from the IT department
C. Onlymembersfrom thefinancedepartment
D. Members from across the organization

Answer: D

NEW QUESTION 474
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 475
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 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 479
Which protocol is used for secure email

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

Answer: D

NEW QUESTION 481
What does the term "Two-factor authentication" refer to in Cybersecurity?

A. Using two different antivirus programs
B. Verifying identity with two independent factors
C. Accessing two different networks simultaneously
D. Changing passwords every two weeks

Answer: B

NEW QUESTION 482
Port used in DNS

A. 53
B. 80
C. 45
D. 54

Answer: A

NEW QUESTION 487
Which of the following does not normally influence an organization's retention policy for logs?

A. Laws
B. Corporate governance
C. Regulations
D. Audits

Answer: D

NEW QUESTION 491
Dani is an ISC2 member and an employee of New Corporation. One of Dani's colleagues offers to share a file that contains an illicit copy of a newly released movie. What should Dani do

A. Inform ISC2
B. Inform law enforcement
C. Accept the movie
D. Refuse to accept

Answer: D

NEW QUESTION 496
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 501
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 502
What is the primary purpose of a honeytoken in cybersecurity?

A. To lure and detect attackers
B. To encrypt sensitive data
C. To enhance network performance
D. To manage user access

Answer: A

NEW QUESTION 504
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 506
Can be considered to be a fingerprint of the file or message

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

Answer: A

NEW QUESTION 511
A common network device used to filter traffic?

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

Answer: D

NEW QUESTION 516
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 520
A large organization is planning to create a DRP. Which of the following is the BEST document to provide a high-level overview of the plan?

A. Technical guides for IT personnel
B. Department specific plans
C. Full copies of the plan for critical disaster recovery team members
D. Execute summary

Answer: D

NEW QUESTION 522
A device that routes traffic to the port of a known device

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

Answer: A

NEW QUESTION 526

Government can imposes financial penalties as a consequence of breaking a

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

Answer: B

NEW QUESTION 529
Which is not the function of IPS

A. To encrypt network traffic
B. To monitor network traffic
C. To filter network traffic
D. To detect and prevent attacks

Answer: A

NEW QUESTION 533
In which cloud model does the cloud customer have less responsibility over the infrastructure

A. FaaS
B. SaaS
C. laaS
D. PaaS

Answer: B

NEW QUESTION 538
Which of the following properties is not guaranteed by Digital signatures

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

Answer: B

NEW QUESTION 541
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 544
Incident management is also known as

A. Risk Management
B. Business Continuity management
C. Incident management
D. Crisis management

Answer: D

NEW QUESTION 548
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 550
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 555
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 557
The DLP solution should be deployed so that it can inspect all forms of data leaving the organization, including:

A. Posting to web pages/websites
B. Applications/application programming interfaces (APIs)
C. Copy to portable media
D. AII

Answer: D

NEW QUESTION 560
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 562
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 565
Load balancing safe guard which CIA triad

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

Answer: B

NEW QUESTION 566
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 570
Which one of the following groups is NOT normally part of an organization's cybersecurity incident response team?

A. Technical Subject Matter Experts
B. Cybersecurity Experts
C. Management
D. Law Enforcement

Answer: D

NEW QUESTION 573
The Order of controls used in Defence in Depth

A. Assests, Physical control
B. Administrative Controls, Logical/Techincal Controls
C. Assests, Administrative Controls, Physical controls, Logical/Techincal Controls
D. Physical control
E. Administrative Controls, Logical/Techincal Controls, Assests
F. Assests, Administrative Controls, Logical/Techincal Controls, Physical controls

Answer: D

NEW QUESTION 575
Risk tolerance also known as

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

Answer: D

NEW QUESTION 579
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 582
Is the right of an individual to control the distribution of information about themselves

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

Answer: C

NEW QUESTION 583
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 586
How do IT professionals differentiate between typical IT problems and security incidents?

A. By providing medical assistance at accident scenes
B. By collection evidence and reposting the incident
C. By receiving specific training on incident response
D. By participating in remediation and lessons learns stages

Answer: C

NEW QUESTION 587
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 588
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 591
Events with a negative consequence, such as system crashes, network packet floods, unauthorized use of system privileges, defacement of a web page or execution of malicious code that destroys data.

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

Answer: C

NEW QUESTION 594
Which of the following is unlikely to be a member of the disaster recovery team

A. Executive Management
B. Public Relations
C. Billing Clerk
D. IT personnel

Answer: C

NEW QUESTION 599
EKristal is the security administrator for a large online service provider. Kristal learns that the company is harvesting personal data of its customers and sharing the data with local governments where the company operates, without the knowledge of the users, to allow the governments to persecute users on the basis of their political and philosophical beliefs. The published user agreement states that the company will not share personal user data with any entities without the users' explicit permission. According to the ISC2 Code of Ethics, to whom does Kristal ultimately report in this situation?

A. The company Kristal works for
B. The governments of the countries where the company operates
C. ISC2
D. The users

Answer: D

NEW QUESTION 602
Token Ring used in which OSI Layer

A. Application
B. Network
C. Transport
D. Physical

Answer: D

NEW QUESTION 604
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 609
Which device is used to control traffic flow in network

A. SDN
B. Switch
C. Hub
D. Router

Answer: D

NEW QUESTION 614

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