ISC2

Exam Questions CSSLP

Certified Information Systems Security Professional

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NEW QUESTION 1
Which of the following are the common roles with regard to data in an information classification program? Each correct answer represents a complete solution. Choose all that apply.

A. Editor
B. Custodian
C. Owner
D. User
E. Security auditor

Answer: BCDE

Explanation:
The following are the common roles with regard to data in an information classification program: Owner Custodian User Security auditor The following are the responsibilities of the owner with regard to data in an information classification program: Determining what level of classification the information requires. Reviewing the classification assignments at regular time intervals and making changes as the business needs change. Delegating the responsibility of the data protection duties to the custodian. The following are the responsibilities of the custodian with regard to data in an information classification program: Running regular backups and routinely testing the validity of the backup data Performing data restoration from the backups when necessary Controlling access, adding and removing privileges for individual users The users must comply with the requirements laid out in policies and procedures. They must also exercise due care. A security auditor examines an organization's security procedures and mechanisms.

NEW QUESTION 2
You work as a project manager for BlueWell Inc. You are working on a project and the management wants a rapid and cost-effective means for establishing priorities for planning risk responses in your project. Which risk management process can satisfy management's objective for your project?

A. Qualitative risk analysis
B. Historical information
C. Rolling wave planning
D. Quantitative analysis

Answer: A

Explanation:
Qualitative risk analysis is the best answer as it is a fast and low-cost approach to analyze the risk impact and its effect. It can promote certain risks onto risk response planning. Qualitative Risk Analysis uses the likelihood and impact of the identified risks in a fast and cost-effective manner. Qualitative Risk Analysis establishes a basis for a focused quantitative analysis or Risk Response Plan by evaluating the precedence of risks with a concern to impact on the project's scope, cost, schedule, and quality objectives. The qualitative risk analysis is conducted at any point in a project life cycle. The primary goal of qualitative risk analysis is to determine proportion of effect and theoretical response. The inputs to the Qualitative Risk Analysis process are: Organizational process assets Project Scope Statement Risk Management Plan Risk Register Answer B is incorrect. Historical information can be helpful in the qualitative risk analysis, but it is not the best answer for the question as historical information is not always available (consider new projects). Answer D is incorrect. Quantitative risk analysis is in-depth and often requires a schedule and budget for the analysis. Answer C is incorrect. Rolling wave planning is not a valid answer for risk analysis processes.

NEW QUESTION 3
Which of the following secure coding principles and practices defines the appearance of code listing so that a code reviewer and maintainer who have not written that code can easily understand it?

A. Make code forward and backward traceable
B. Review code during and after coding
C. Use a consistent coding style
D. Keep code simple and small

Answer: C

Explanation:
Use a consistent coding style is one of the principles and practices that contribute to defensive coding. This principle defines the appearance of code listing so that a code reviewer and maintainer who have not written that code can easily understand it. For this purpose, all programmers of a team must follow the same guidelines. Answer D is incorrect. Keep code simple and small defines that it is easy to verify the software security when a programmer uses small and simple code base. Answer A is incorrect. Make code forward and backward traceable defines that traceability is necessary in order to validate requirements, prevent defects, and find and solve inconsistencies among all objects generated in the SDLC phases. Answer B is incorrect. Review code during and after coding defines that code must be examined in order to identify coding errors in modules.

NEW QUESTION 4
You are the project manager of the CUL project in your organization. You and the project team are assessing the risk events and creating a probability and impact matrix for the identified risks. Which one of the following statements best describes the requirements for the data type used in qualitative risk analysis?

A. A qualitative risk analysis encourages biased data to reveal risk tolerances.
B. A qualitative risk analysis required unbiased stakeholders with biased risk tolerances.
C. A qualitative risk analysis requires accurate and unbiased data if it is to be credible.
D. A qualitative risk analysis requires fast and simple data to complete the analysis.

Answer: C

Explanation:
Of all the choices only this answer is accurate. The PMBOK clearly states that the data must be accurate and unbiased to be credible. Answer D is incorrect. This is not a valid statement about the qualitative risk analysis datAnswer A is incorrect. This is not a valid statement about the qualitative risk analysis datAnswer B is incorrect. This is not a valid statement about the qualitative risk analysis data.

NEW QUESTION 5
What are the various activities performed in the planning phase of the Software Assurance Acquisition process? Each correct answer represents a complete solution. Choose all that apply.

A. Develop software requirements.
B. Implement change control procedures.
C. Develop evaluation criteria and evaluation plan.
D. Create acquisition strategy.

Answer: ACD

Explanation:
The various activities performed in the planning phase of the Software Assurance Acquisition process are as follows: Determine software product or service requirements. Identify associated risks. Develop software requirements. Create acquisition strategy. Develop evaluation criteria and evaluation plan. Define development and use of SwA due diligence questionnaires. Answer B is incorrect. This activity is performed in the monitoring and acceptance phase of the Software Assurance acquisition process.

NEW QUESTION 6
Which of the following organizations assists the President in overseeing the preparation of the federal budget and to supervise its administration in Executive Branch agencies?

A. OMB
B. NIST
C. NSA/CSS
D. DCAA

Answer: A

Explanation:
The Office of Management and Budget (OMB) is a Cabinet-level office, and is the largest office within the Executive Office of the President (EOP) of the United States. The current OMB Director is Peter Orszag and was appointed by President Barack Obama. The OMB's predominant mission is to assist the President in overseeing the preparation of the federal budget and to supervise its administration in Executive Branch agencies. In helping to formulate the President's spending plans, the OMB evaluates the effectiveness of agency programs, policies, and procedures, assesses competing funding demands among agencies, and sets funding priorities. The OMB ensures that agency reports, rules, testimony, and proposed legislation are consistent with the President's Budget and with Administration policies.
Answer D is incorrect. The DCAA has the aim to monitor contractor costs and perform contractor audits. Answer C is incorrect. The National Security Agency/Central Security Service (NSA/CSS) is a crypto-logic intelligence agency of the United States government. It is administered as part of the United States Department of Defense. NSA is responsible for the collection and analysis of foreign communications and foreign signals intelligence, which involves cryptanalysis. NSA is also responsible for protecting U.S. government communications and information systems from similar agencies elsewhere, which involves cryptography. NSA is a key component of the U.S. Intelligence Community, which is headed by the Director of National Intelligence. The Central Security Service is a co- located agency created to coordinate intelligence activities and co-operation between NSA and U.S. military cryptanalysis agencies. NSA's work is limited to communications intelligence. It does not perform field or human intelligence activities. Answer B is incorrect. The National Institute of Standards and Technology (NIST), known between 1901 and 1988 as the National Bureau of Standards (NBS), is a measurement standards laboratory which is a non-regulatory agency of the United States Department of Commerce. The institute's official mission is to promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology in ways that enhance economic security and improve quality of life.

NEW QUESTION 7
Which of the following testing methods verifies the interfaces between components against a software design?

A. Regression testing
B. Integration testing
C. Black-box testing
D. Unit testing

Answer: B

Explanation:
Integration testing is a software testing that seeks to verify the interfaces between components against a software design. Software components may be integrated in an iterative way or all together ("big bang"). Normally the former is considered a better practice since it allows interface issues to be localized more quickly and fixed. Integration testing works to expose defects in the interfaces and interaction between the integrated components (modules). Progressively larger groups of tested software components corresponding to elements of the architectural design are integrated and tested until the software works as a system. Answer A is incorrect. Regression testing focuses on finding defects after a major code change has occurred. Specifically, it seeks to uncover software regressions, or old bugs that have come back. Such regressions occur whenever software functionality that was previously working correctly stops working as intended. Typically, regressions occur as an unintended consequence of program changes, when the newly developed part of the software collides with the previously existing code. Answer D is incorrect. Unit testing refers to tests that verify the functionality of a specific section of code, usually at the function level. In an object-oriented environment, this is usually at the class level, and the minimal unit tests include the constructors and destructors. These types of tests are usually written by developers as they work on code (white-box style), to ensure that the specific function is working as expected. One function might have multiple tests, to catch corner cases or other branches in the code. Unit testing alone cannot verify the functionality of a piece of software, but rather is used to assure that the building blocks the software uses work independently of each other. Answer C is incorrect. The black-box testing uses external descriptions of the software, including specifications, requirements, and design to derive test cases. These tests can be functional or non-functional, though usually functional. The test designer selects valid and invalid inputs and determines the correct output. There is no knowledge of the test object's internal structure. This method of test design is applicable to all levels of software testing: unit, integration, functional testing, system and acceptance. The higher the level, and hence the bigger and more complex the box, the more one is forced to use black box testing to simplify. While this method can uncover unimplemented parts of the specification, one cannot be sure that all existent paths are tested.

NEW QUESTION 8
What component of the change management system is responsible for evaluating, testing, and documenting changes created to the project scope?

A. Project Management Information System
B. Integrated Change Control

C. Configuration Management System
D. Scope Verification

Answer: C

Explanation:
The change management system is comprised of several components that guide the change request through the process. When a change request is made that will affect the project scope. The Configuration Management System evaluates the change request and documents the features and functions of the change on the project scope.

NEW QUESTION 9
The service-oriented modeling framework (SOMF) provides a common modeling notation to address alignment between business and IT organizations. Which of the following principles does the SOMF concentrate on? Each correct answer represents a part of the solution. Choose all that apply.

A. Architectural components abstraction
B. SOA value proposition
C. Business traceability
D. Disaster recovery planning
E. Software assets reuse

Answer: ABCE

Explanation:
The service-oriented modeling framework (SOMF) concentrates on the following principles: Business traceability Architectural best-practices traceability Technological traceability SOA value proposition Software assets reuse SOA integration strategies Technological abstraction and generalization Architectural components abstraction Answer D is incorrect. The service-oriented modeling framework (SOMF) does not concentrate on it.

NEW QUESTION 10
Which of the following are the types of access controls? Each correct answer represents a complete solution. Choose three.

A. Physical
B. Technical
C. Administrative
D. Automatic

Answer: ABC

Explanation:
Security guards, locks on the gates, and alarms come under physical access control. Policies and procedures implemented by an organization come under administrative access control. IDS systems, encryption, network segmentation, and antivirus controls come under technical access control. Answer D is incorrect. There is no such type of access control as automatic control.

NEW QUESTION 10
Which of the following is the duration of time and a service level within which a business process must be restored after a disaster in order to avoid unacceptable consequences associated with a break in business continuity?

A. RTO
B. RTA
C. RPO
D. RCO

Answer: A

Explanation:
The Recovery Time Objective (RTO) is the duration of time and a service
level within which a business process must be restored after a disaster or disruption in order to avoid unacceptable consequences associated with a break in business continuity. It includes the time for trying to fix the problem without a recovery, the recovery itself, tests and the communication to the users. Decision time for user representative is not included. The business continuity timeline usually runs parallel with an incident management timeline and may start at the same, or different, points. In accepted business continuity planning methodology, the RTO is established during the Business Impact Analysis (BIA) by the owner of a process (usually in conjunction with the Business Continuity planner). The RTOs are then presented to senior management for acceptance. The RTO attaches to the business process and not the resources required to support the process. Answer B is incorrect. The Recovery Time Actual (RTA) is established during an exercise, actual event, or predetermined based on recovery methodology the technology support team develops. This is the time frame the technology support takes to deliver the recovered infrastructure to the business. Answer D is incorrect. The Recovery Consistency Objective (RCO) is used in Business Continuity Planning in addition to Recovery Point Objective (RPO) and Recovery Time Objective (RTO). It applies data consistency objectives to Continuous Data Protection services. Answer C is incorrect. The Recovery Point Objective (RPO) describes the acceptable amount of data loss measured in time. It is the point in time to which data must be recovered as defined by the organization. The RPO is generally a definition of what an organization determines is an "acceptable loss" in a disaster situation. If the RPO of a company is 2 hours and the time it takes to get the data back into production is 5 hours, the RPO is still 2 hours. Based on this RPO the data must be restored to within 2 hours of the disaster.

NEW QUESTION 11
Which of the following processes culminates in an agreement between key players that a system in its current configuration and operation provides adequate protection controls?

A. Information Assurance (IA)
B. Information systems security engineering (ISSE)
C. Certification and accreditation (C&A)
D. Risk Management

Answer: C

Explanation:
Certification and accreditation (C&A) is a set of processes that culminate in an agreement between key players that a system in its current configuration and operation provides adequate protection controls. Certification and Accreditation (C&A or CnA) is a process for implementing information security. It is a systematic procedure for evaluating, describing, testing, and authorizing systems prior to or after a system is in operation. The C&A process is used extensively in the U.S. Federal Government. Some C&A processes include FISMA, NIACAP, DIACAP, and DCID 6/3. Certification is a comprehensive assessment of the management, operational, and technical security controls in an information system, made in support of security accreditation, to determine the extent to which the controls are implemented correctly, operating as intended, and producing the desired outcome with respect to meeting the security requirements for the system. Accreditation is the official management decision given by a senior agency official to authorize operation of an information system and to explicitly accept the risk to agency operations (including mission, functions, image, or reputation), agency assets, or individuals, based on the implementation of an agreed-upon set of security controls. Answer D is incorrect. Risk management is a set of processes that ensures a risk-based approach is used to determine adequate, cost- effective security for a system. Answer A is incorrect. Information assurance (IA) is the process of organizing and monitoring information-related risks. It ensures that only the approved users have access to the approved information at the approved time. IA practitioners seek to protect and defend information and information systems by ensuring confidentiality, integrity, authentication, availability, and non-repudiation. These objectives are applicable whether the information is in storage, processing, or transit, and whether threatened by an attack. Answer B is incorrect. ISSE is a set of processes and solutions used during all phases of a system's life cycle to meet the system's information protection needs.

NEW QUESTION 13
In which of the following testing methodologies do assessors use all available documentation and work under no constraints, and attempt to circumvent the security features of an information system?

A. Full operational test
B. Penetration test
C. Paper test
D. Walk-through test

Answer: B

Explanation:
A penetration testing is a method of evaluating the security of a computer system or network by simulating an attack from a malicious source. The process involves an active analysis of the system for any potential vulnerabilities that may result from poor or improper system configuration, known or unknown hardware or software flaws, or operational weaknesses in process or technical countermeasures. This analysis is carried out from the position of a potential attacker, and can involve active exploitation of security vulnerabilities. Any security issues that are found will be presented to the system owner together with an assessment of their impact and often with a proposal for mitigation or a technical solution. The intent of a penetration test is to determine feasibility of an attack and the amount of business impact of a successful exploit, if discovered. It is a component of a full security audit. Answer C is incorrect. A paper test is the least complex test in the disaster recovery and business continuity testing approaches. In this test, the BCP/DRP plan documents are distributed to the appropriate managers and BCP/DRP team members for review, markup, and comment. This approach helps the auditor to ensure that the plan is complete and that all team members are familiar with their responsibilities within the plan. Answer D is incorrect. A walk-through test is an extension of the paper testing in the business continuity and disaster recovery process. In this testing methodology, appropriate managers and BCP/DRP team members discuss and walk through procedures of the plan. They also discuss the training needs, and clarification of critical plan elements. Answer A is incorrect. A full operational test includes all team members and participants in the disaster recovery and business continuity process. This full operation test involves the mobilization of personnel. It restores operations in the same manner as an outage or disaster would. The full operational test extends the preparedness test by including actual notification, mobilization of resources, processing of data, and utilization of backup media for restoration.

NEW QUESTION 15
Which of the following is a variant with regard to Configuration Management?

A. A CI that has the same name as another CI but shares no relationship.
B. A CI that particularly refers to a software version.
C. A CI that has the same essential functionality as another CI but a bit different in some small manner.
D. A CI that particularly refers to a hardware specification.

Answer: C

Explanation:
A CI that has the same essential functionality as another CI but a bit different in some small manner, and therefore, might be required to be analyzed along with its generic group. A Configuration item (CI) is an IT asset or a combination of IT assets that may depend and have relationships with other IT processes. A CI will have attributes which may be hierarchical and relationships that will be assigned by the configuration manager in the CM database. The Configuration Item (CI) attributes are as follows:
* 1.Technical: It is data that describes the CI's capabilities which include software version and model numbers, hardware and manufacturer specifications, and other technical details like networking speeds, and data storage size. Keyboards, mice and cables are considered consumables.
* 2.Ownership: It is part of financial asset management, ownership attributes, warranty, location, and responsible person for the CI.
* 3.Relationship: It is the relationship among hardware items, software, and users. Answer B, D, and A are incorrect. These are incorrect definitions of a variant with regard to Configuration Management.

NEW QUESTION 16
The Phase 4 of DITSCAP C&A is known as Post Accreditation. This phase starts after the system has been accredited in Phase 3. What are the process activities of this phase? Each correct answer represents a complete solution. Choose all that apply.

A. Security operations
B. Maintenance of the SSAA
C. Compliance validation
D. Change management
E. System operations
F. Continue to review and refine the SSAA

Answer: ABCDE

Explanation:
The Phase 4 of DITSCAP C&A is known as Post Accreditation. This phase starts after the system has been accredited in the Phase 3. The goal of this phase is to continue to operate and manage the system and to ensure that it will maintain an acceptable level of residual risk. The process activities of this phase are as

follows: System operations Security operations Maintenance of the SSAA Change management Compliance validation Answer F is incorrect. It is a Phase 3 activity.

NEW QUESTION 20
Martha registers a domain named Microsoft.in. She tries to sell it to Microsoft Corporation. The infringement of which of the following has she made?

A. Copyright
B. Trademark
C. Patent
D. Intellectual property

Answer: B

Explanation:
According to the Lanham Act, domain names fall under trademarks law. A new section 43(d) of the Trademark Act (Lanham Act) states that anyone who in bad faith registers, traffics in, or uses a domain name that infringes or dilutes another's trademark has committed trademark infringement. Factors involved in assessing bad faith focus on activities typically associated with cyberpiracy or cybersquatting, such as whether the registrant has offered to sell the domain name to the trademark holder for financial gain without having used or intended to use it for a bona fide business; whether the domain- name registrant registered multiple domain names that are confusingly similar to the trademarks of others; and whether the trademark incorporated in the domain name is distinctive and famous. Other factors are whether the domain name consists of the legal name or common handle of the domain-name registrant and whether the domain-name registrant previously used the mark in connection with a bona fide business.

NEW QUESTION 24
FITSAF stands for Federal Information Technology Security Assessment Framework. It is a methodology for assessing the security of information systems. Which of the following FITSAF levels shows that the procedures and controls have been implemented?

A. Level 2
B. Level 3
C. Level 5
D. Level 1
E. Level 4

Answer: B

Explanation:
The following are the five levels of FITSAF based on SEI's Capability Maturity Model (CMM): Level 1: The first level reflects that an asset has documented a security policy. Level 2: The second level shows that the asset has documented procedures and controls to implement the policy. Level 3: The third level indicates that these procedures and controls have been implemented. Level 4: The fourth level shows that the procedures and controls are tested and reviewed. Level 5: The fifth level is the final level and shows that the asset has procedures and controls fully integrated into a comprehensive program.

NEW QUESTION 28
Della work as a project manager for BlueWell Inc. A threat with a dollar value of $250,000 is expected to happen in her project and the frequency of threat occurrence per year is 0.01. What will be the annualized loss expectancy in her project?

A. $2,000
B. $2,500
C. $3,510
D. $3,500

Answer: B

Explanation:
The annualized loss expectancy in her project will be $2,500. Annualized loss expectancy (ALE) is the annually expected financial loss to an organization from a threat. The annualized loss expectancy (ALE) is the product of the annual rate of occurrence (ARO) and the single loss expectancy (SLE). It is mathematically expressed as follows: ALE = Single Loss Expectancy (SLE) * Annualized Rate of Occurrence (ARO) Here, it is as follows:
ALE = SLE * ARO
= 250,000 * 0.01
= 2,500
Answer D, C, and A are incorrect. These are not valid answers.

NEW QUESTION 31
Della works as a security engineer for BlueWell Inc. She wants to establish configuration management and control procedures that will document proposed or actual changes to the information system. Which of the following phases of NIST SP 800-37 C&A methodology will define the above task?

A. Initiation
B. Security Certification
C. Continuous Monitoring
D. Security Accreditation

Answer: C

Explanation:
The various phases of NIST SP 800-37 C&A are as follows:
Phase 1: Initiation- This phase includes preparation, notification and resource identification. It performs the security plan analysis, update, and acceptance. Phase 2: Security Certification- The Security certification phase evaluates the controls and documentation. Phase 3: Security Accreditation- The security accreditation phase examines the residual risk for acceptability, and prepares the final security accreditation package. Phase 4: Continuous Monitoring-This phase monitors the configuration management and control, ongoing security control verification, and status reporting and documentation.

NEW QUESTION 32
Which of the following tools is used to attack the Digital Watermarking?

A. Steg-Only Attack
B. Active Attacks
C. 2Mosaic
D. Gifshuffle

Answer: C

Explanation:
2Mosaic is a tool used for watermark breaking. It is an attack against a digital watermarking system. In this type of attack, an image is chopped into small pieces and then placed together. When this image is embedded into a web page, the web browser renders the small pieces into one image. This image looks like a real image with no watermark in it. This attack is successful, as it is impossible to read watermark in very small pieces. Answer D is incorrect. Gifshuffle is used to hide message or information inside GIF images. It is done by shuffling the colormap. This tool also provides compression and encryption. Answer B and A are incorrect. Active Attacks and Steg-Only Attacks are used to attack Steganography.

NEW QUESTION 37
CORRECT TEXT
Fill in the blank with an appropriate phrase. models address specifications, requirements, design, verification and validation, and maintenance activities.

A. Life cycle

Answer: A

Explanation:
A life cycle model helps to provide an insight into the development process and emphasizes on the relationships among the different activities in this process. This model describes a structured approach to the development and adjustment process involved in producing and maintaining systems. The life cycle model addresses specifications, design, requirements, verification and validation, and maintenance activities.

NEW QUESTION 39
Part of your change management plan details what should happen in the change control system for your project. Theresa, a junior project manager, asks what the configuration management activities are for scope changes. You tell her that all of the following are valid configuration management activities except for which one?

A. Configuration Identification
B. Configuration Verification and Auditing
C. Configuration Status Accounting
D. Configuration Item Costing

Answer: D

Explanation:
Configuration item cost is not a valid activity for configuration management. Cost changes are managed by the cost change control system; configuration management is concerned with changes to the features and functions of the project deliverables.

NEW QUESTION 42
Which of the following rated systems of the Orange book has mandatory protection of the TCB?

A. A-rated
B. B-rated
C. D-rated
D. C-rated

Answer: B

Explanation:
A B-rated system of the orange book has mandatory protection of the trusted computing base (TCB).
Trusted computing base (TCB) refers to hardware, software, controls, and processes that cause a computer system or network to be devoid of malicious software or hardware. Maintaining the trusted computing base (TCB) is essential for security policy to be implemented successfully.

NEW QUESTION 47
Which of the following individuals inspects whether the security policies, standards, guidelines, and procedures are efficiently performed in accordance with the company's stated security objectives?

A. Information system security professional
B. Data owner
C. Senior management
D. Information system auditor

Answer: D

Explanation:
An information system auditor is an individual who inspects whether the security policies, standards, guidelines, and procedures are efficiently performed in accordance with the company's stated security objectives. He is responsible for reporting the senior management about the value of security controls by performing regular and independent audits. Answer B is incorrect. A data owner determines the sensitivity or classification levels of datAnswer A is incorrect. An informational systems security professional is an individual who designs, implements, manages, and reviews the security policies, standards, guidelines, and procedures of the organization. He is responsible to implement and maintain security by the senior-level management. Answer C is incorrect. A senior

management assigns overall responsibilities to other individuals.

NEW QUESTION 52
Which of the following elements of BCP process includes the areas of plan implementation, plan testing, and ongoing plan maintenance, and also involves defining and documenting the continuity strategy?

A. Business continuity plan development
B. Business impact assessment
C. Scope and plan initiation
D. Plan approval and implementation

Answer: A

Explanation:
The business continuity plan development refers to the utilization of the information collected in the Business Impact Analysis (BIA) for the creation of the recovery strategy plan to support the critical business functions. The information gathered from the BIA is mapped out to make a strategy for creating a continuity plan. The business continuity plan development process includes the areas of plan implementation, plan testing, and ongoing plan maintenance. This phase also consists of defining and documenting the continuity strategy. Answer C is incorrect. The scope and plan initiation process in BCP symbolizes the beginning of the BCP process. It emphasizes on creating the scope and the additional elements required to define the parameters of the plan. The scope and plan initiation phase embodies a check of the company's operations and support services. The scope activities include creating a detailed account of the work required, listing the resources to be used, and defining the management practices to be employed. Answer B is incorrect. The business impact assessment is a method used to facilitate business units to understand the impact of a disruptive event. This phase includes the execution of a vulnerability assessment. This process makes out the mission-critical areas and business processes that are important for the survival of business. It is similar to the risk assessment process. The function of a business impact assessment process is to create a document, which is used to help and understand what impact a disruptive event would have on the business. Answer D is incorrect. The plan approval and implementation process involves creating enterprise-wide awareness of the plan, getting the final senior management signoff, and implementing a maintenance procedure for updating the plan as required.

NEW QUESTION 54
Which of the following types of activities can be audited for security? Each correct answer represents a complete solution. Choose three.

A. File and object access
B. Data downloading from the Internet
C. Printer access
D. Network logons and logoffs

Answer: ACD

Explanation:
The following types of activities can be audited: Network logons and logoffs File access Printer access Remote access service Application usage Network services Auditing is used to track user accounts for file and object access, logon attempts, system shutdown, etc. This enhances the security of the network. Before enabling security auditing, the type of event to be audited should be specified in the audit policy. Auditing is an essential component to maintain the security of deployed systems. Security auditing depends on the criticality of the environment and on the company's security policy. The security system should be reviewed periodically. Answer B is incorrect. Data downloading from the Internet cannot be audited.

NEW QUESTION 55
Stella works as a system engineer for BlueWell Inc. She wants to identify the performance thresholds of each build. Which of the following tests will help Stella to achieve her task?

A. Reliability test
B. Performance test
C. Regression test
D. Functional test

Answer: B

Explanation:
The various types of internal tests performed on builds are as follows: Regression tests: It is also known as the verification testing. These tests are developed to confirm that capabilities in earlier builds continue to work correctly in the subsequent builds. Functional test: These tests emphasizes on verifying that the build meets its functional and data requirements and correctly generates each expected display and report. Performance tests: These tests are used to identify the performance thresholds of each build. Reliability tests: These tests are used to identify the reliability thresholds of each build.

NEW QUESTION 59
Which of the following security issues does the Bell-La Padula model focus on?

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

Answer: B

Explanation:
The Bell-La Padula model is a state machine model used for enforcing access control in large organizations. It focuses on data confidentiality and access to classified information, in contrast to the Biba Integrity model, which describes rules for the protection of data integrity. In the Bell-La Padula model, the entities in an information system are divided into subjects and objects. The Bell-La Padula model is built on the concept of a state machine with a set of allowable states in a computer network system. The transition from one state to another state is defined by transition functions. The model defines two mandatory access control (MAC) rules and one discretionary access control (DAC) rule with three security properties: 1.The Simple Security Property: A subject at a given security level may not read an object at a higher security level (no read-up). 2.The *- property (star-property): A subject at a given security level must not write to any object at a lower security level (no write-down). The *-property is also known as the Confinement property. 3.The Discretionary Security Property: It uses an access matrix to specify

the discretionary access control.

NEW QUESTION 61
DIACAP applies to the acquisition, operation, and sustainment of any DoD system that collects, stores, transmits, or processes unclassified or classified information since December 1997. What phases are identified by DIACAP? Each correct answer represents a complete solution. Choose all that apply.

A. System Definition
B. Validation
C. Identification
D. Accreditation
E. Verification
F. Re-Accreditation

Answer: ABEF

Explanation:
The Department of Defense Information Assurance Certification and Accreditation Process (DIACAP) is a process defined by the United States Department of Defense (DoD) for managing risk. DIACAP replaced the former process, known as DITSCAP (Department of Defense Information Technology Security Certification and Accreditation Process), in 2006. DoD Instruction (DoDI) 8510.01 establishes a standard DoD-wide process with a set of activities, general tasks, and a management structure to certify and accredit an Automated Information System (AIS) that will maintain the Information Assurance (IA) posture of the Defense Information Infrastructure (DII) throughout the system's life cycle. DIACAP applies to the acquisition, operation, and sustainment of any DoD system that collects, stores, transmits, or processes unclassified or classified information since December 1997. It identifies four phases: * 1.System Definition 2.Verification 3.Validation 4.Re-Accreditation

NEW QUESTION 65
Numerous information security standards promote good security practices and define frameworks or systems to structure the analysis and design for managing information security controls. Which of the following are the international information security standards? Each correct answer represents a complete solution. Choose all that apply.

A. AU audit and accountability
B. Human resources security
C. Organization of information security
D. Risk assessment and treatment

Answer: BCD

Explanation:
Following are the various international information security standards: Risk assessment and treatment: Analysis of the organization's information security risks Security policy: Management direction Organization of information security: Governance of information security Asset management: Inventory and classification of information assets Human resources security: Security aspects for employees joining, moving, and leaving an organization Physical and environmental security: Protection of the computer facilities Communications and operations management: Management of technical security controls in systems and networks Access control: Restriction of access rights to networks, systems, applications, functions, and data Information systems acquisition, development and maintenance: Building security into applications Information security incident management: Anticipating and responding appropriately to information security breaches Business continuity management: Protecting, maintaining, and recovering business-critical processes and systems Compliance: Ensuring conformance with information security policies, standards, laws, and regulations Answer A is incorrect. AU audit and accountability is a U.S. Federal Government information security standard.

NEW QUESTION 69
Which of the following refers to a process that is used for implementing information security?

A. Classic information security model
B. Five Pillars model
C. Certification and Accreditation (C&A)
D. Information Assurance (IA)

Answer: C

Explanation:
Certification and Accreditation (C&A or CnA) is a process for implementing information security. It is a systematic procedure for evaluating, describing, testing, and authorizing systems prior to or after a system is in operation. The C&A process is used extensively in the U.S. Federal Government. Some C&A processes include FISMA, NIACAP, DIACAP, and DCID 6/3. Certification is a comprehensive assessment of the management, operational, and technical security controls in an information system, made in support of security accreditation, to determine the extent to which the controls are implemented correctly, operating as intended, and producing the desired outcome with respect to meeting the security requirements for the system. Accreditation is the official management decision given by a senior agency official to authorize operation of an information system and to explicitly accept the risk to agency operations (including mission, functions, image, or reputation), agency assets, or individuals, based on the implementation of an agreed-upon set of security controls. Answer D is incorrect. Information Assurance (IA) is the practice of managing risks related to the use, processing, storage, and transmission of information or data and the systems and processes used for those purposes. While focused dominantly on information in digital form, the full range of IA encompasses not only digital but also analog or physical form. Information assurance as a field has grown from the practice of information security, which in turn grew out of practices and procedures of computer security. Answer A is incorrect. The classic information security model is used in the practice of Information Assurance (IA) to define assurance requirements. The classic information security model, also called the CIA Triad, addresses three attributes of information and information systems, confidentiality, integrity, and availability. This C-I-A model is extremely useful for teaching introductory and basic concepts of information security and assurance; the initials are an easy mnemonic to remember, and when properly understood, can prompt systems designers and users to address the most pressing aspects of assurance. Answer B is incorrect. The Five Pillars model is used in the practice of Information Assurance (IA) to define assurance requirements. It was promulgated by the U.S. Department of Defense (DoD) in a variety of publications, beginning with the National Information Assurance Glossary, Committee on National Security Systems Instruction CNSSI-4009. Here is the definition from that publication: "Measures that protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality, and non-repudiation. These measures include providing for restoration of information systems by incorporating protection, detection, and reaction capabilities." The Five Pillars model is sometimes criticized because authentication and non-repudiation are not attributes of information or systems; rather, they are procedures or methods useful to assure the integrity and authenticity of information, and to protect the confidentiality of the same.

NEW QUESTION 70

Which of the following features of SIEM products is used in analysis for identifying potential problems and reviewing all available data that are associated with the problems?

A. Security knowledge base
B. Graphical user interface
C. Asset information storage and correlation
D. Incident tracking and reporting

Answer: B

Explanation:
SIEM product has a graphical user interface (GUI) which is used in analysis for identifying potential problems and reviewing all available data that are associated with the problems. A graphical user interface (GUI) is a type of user interface that allows people to interact with programs in more ways than typing commands on computers. The term came into existence because the first interactive user interfaces to computers were not graphical; they were text- and-keyboard oriented and usually consisted of commands a user had to remember and computer responses that were infamously brief. A GUI offers graphical icons, and visual indicators, as opposed to text-based interfaces, typed command labels or text navigation to fully represent the information and actions available to a user. The actions are usually performed through direct manipulation of the graphical elements.

NEW QUESTION 73
Mark works as a Network Administrator for NetTech Inc. The company has a Windows 2000 domain-based network. Users report that they are unable to log on to the network. Mark finds that accounts are locked out due to multiple incorrect log on attempts. What is the most likely cause of the account lockouts?

A. Spoofing
B. Brute force attack
C. SYN attack
D. PING attack

Answer: B

Explanation:
Brute force attack is the most likely cause of the account lockouts. In a brute force attack, unauthorized users attempt to log on to a network or a computer by using multiple possible user names and passwords. Windows 2000 and other network operating systems have a security feature that locks a user account if the number of failed logon attempts occur within a specified period of time, based on the security policy lockout settings. Answer A is incorrect. Spoofing is a technique that makes a transmission appear to have come from an authentic source by forging the IP address, email address, caller ID, etc. In IP spoofing, a hacker modifies packet headers by using someone else's IP address to hide his identity. However, spoofing cannot be used while surfing the Internet, chatting on-line, etc. because forging the source IP address causes the responses to be misdirected. Answer B is incorrect. A SYN attack affects computers running on the TCP/IP protocol. It is a protocol-level attack that can render a computer's network services unavailable. A SYN attack is also known as SYN flooding. Answer D is incorrect. When a computer repeatedly sends ICMP echo requests to another computer, it is known as a PING attack.

NEW QUESTION 74
Which of the following are the primary functions of configuration management? Each correct answer represents a complete solution. Choose all that apply.

A. It removes the risk event entirely by adding additional steps to avoid the event.
B. It ensures that the change is implemented in a sequential manner through formalized testing.
C. It reduces the negative impact that the change might have had on the computing services and resources.
D. It analyzes the effect of the change that is implemented on the system.

Answer: BCD

Explanation:
The primary functions of configuration management are as follows: It ensures that the change is implemented in a sequential manner through formalized testing. It ensures that the user base is informed of the future change. It analyzes the effect of the change that is implemented on the system. It reduces the negative impact that the change might have had on the computing services and resources. Answer A is incorrect. It is not one of the primary functions of configuration management. It is the function of risk avoidance.

NEW QUESTION 76
Which of the following types of obfuscation transformation increases the difficulty for a de- obfuscation tool so that it cannot extract the true application from the obfuscated version?

A. Preventive transformation
B. Data obfuscation
C. Control obfuscation
D. Layout obfuscation

Answer: A

Explanation:
Preventive transformation increases the difficulty for a de-obfuscation tool so that it cannot extract the true application from the obfuscated version.

NEW QUESTION 80
System Authorization is the risk management process. System Authorization Plan (SAP) is a comprehensive and uniform approach to the System Authorization Process. What are the different phases of System Authorization Plan? Each correct answer represents a part of the solution. Choose all that apply.

A. Post-certification
B. Post-Authorization
C. Authorization
D. Pre-certification
E. Certification

Answer: BCDE

Explanation:
The creation of System Authorization Plan (SAP) is mandated by System Authorization. System Authorization Plan (SAP) is a comprehensive and uniform approach to the System Authorization Process. It consists of four phases: Phase 1 - Pre-certification Phase 2 - Certification Phase 3 - Authorization Phase 4 - Post-Authorization

NEW QUESTION 83
Which of the following is a standard that sets basic requirements for assessing the effectiveness of computer security controls built into a computer system?

A. FITSAF
B. FIPS
C. TCSEC
D. SSAA

Answer: C

Explanation:
Trusted Computer System Evaluation Criteria (TCSEC) is a United States Government Department of Defense (DoD) standard that sets basic requirements for assessing the effectiveness of computer security controls built into a computer system. TCSEC was used to evaluate, classify, and select computer systems being considered for the processing, storage, and retrieval of sensitive or classified information. It was replaced with the development of the Common Criteria international standard originally published in 2005. The TCSEC, frequently referred to as the Orange Book, is the centerpiece of the DoD Rainbow Series publications. Answer D is incorrect. System Security Authorization Agreement (SSAA) is an information security document used in the United States Department of Defense (DoD) to describe and accredit networks and systems. The SSAA is part of the Department of Defense Information Technology Security Certification and Accreditation Process, or DITSCAP (superseded by DIACAP). The DoD instruction (issues in December 1997, that describes DITSCAP and provides an outline for the SSAA document is DODI 5200.40. The DITSCAP application manual (DoD 8510.1- M), published in July 2000, provides additional details. Answer A is incorrect. FITSAF stands for Federal Information Technology Security Assessment Framework. It is a methodology for assessing the security of information systems. It provides an approach for federal agencies. It determines how federal agencies are meeting existing policy and establish goals. The main advantage of FITSAF is that it addresses the requirements of Office of Management and Budget (OMB). It also addresses the guidelines provided by the National Institute of Standards and Technology (NIsT). Answer B is incorrect. The Federal Information Processing Standards (FIPS) are publicly announced standards developed by the United States federal government for use by all non-military government agencies and by government contractors. Many FIPS standards are modified versions of standards used in the wider community (ANSI, IEEE, ISO, etc.). Some FIPS standards were originally developed by the U.S. government. For instance, standards for encoding data (e.g., country codes), but more significantly some encryption standards, such as the Data Encryption Standard (FIPS 46-3) and the Advanced Encryption Standard (FIPS 197). In 1994, NOAA (Noaa) began broadcasting coded signals called FIPS (Federal Information Processing System) codes along with their standard weather broadcasts from local stations. These codes identify the type of emergency and the specific geographic area (such as a county) affected by the emergency.

NEW QUESTION 87
Which of the following policies can explain how the company interacts with partners, the company's goals and mission, and a general reporting structure in different situations?

A. Informative
B. Advisory
C. Selective
D. Regulatory

Answer: A

Explanation:
An informative policy informs employees about certain topics. It is not an enforceable policy, but rather one to teach individuals about specific issues relevant to the company. The informative policy can explain how the company interacts with partners, the company's goals and mission, and a general reporting structure in different situations. Answer D is incorrect. A regulatory policy ensures that an organization follows the standards set by specific industry regulations. This type of policy is very detailed and specific to a type of industry. The regulatory policy is used in financial institutions, health care facilities, public utilities, and other government-regulated industries, e.g., TRAI. Answer B is incorrect. An advisory policy strongly advises employees regarding which types of behaviors and activities should and should not take place within the organization. It also outlines possible ramifications if employees do not comply with the established behaviors and activities. The advisory policy can be used to describe how to handle medical information, handle financial transactions, and process confidential information. Answer B is incorrect. It is not a valid type of policy.

NEW QUESTION 92
What are the security advantages of virtualization, as described in the NIST Information Security and Privacy Advisory Board (ISPAB) paper "Perspectives on Cloud Computing and Standards"? Each correct answer represents a complete solution. Choose three.

A. It increases capabilities for fault tolerant computing.
B. It adds a layer of security for defense-in-depth.
C. It decreases exposure of weak software.
D. It decreases configuration effort.

Answer: ABC

Explanation:
The security advantages of virtualization are as follows: It adds a layer of security for defense-in-depth. It provides strong encapsulation of errors. It increases intrusion detection through introspection. It decreases exposure of weak software. It increases the flexibility for discovery. It increases capabilities for fault tolerant computing using rollback and snapshot features. Answer D is incorrect. Virtualization increases configuration effort because of complexity of the virtualization layer and composite system.

NEW QUESTION 97
The Data and Analysis Center for Software (DACS) specifies three general principles for software assurance which work as a framework in order to categorize various secure design principles. Which of the following principles and practices does the General Principle 1 include? Each correct answer represents a complete solution. Choose two.

A. Principle of separation of privileges, duties, and roles
B. Assume environment data is not trustworthy
C. Simplify the design
D. Principle of least privilege

Answer: AD

Explanation:
General Principle 1- Minimize the number of high-consequence targets includes the following principles and practices:
Principle of least privilege Principle of separation of privileges, duties, and roles Principle of separation of domains Answer B is incorrect. Assume environment data is not trustworthy principle is included in the General Principle 2. Answer B is incorrect. Simplify the design principle is included in the General Principle 3.

NEW QUESTION 100
Which of the following federal agencies has the objective to develop and promote measurement, standards, and technology to enhance productivity, facilitate trade, and improve the quality of life?

A. National Security Agency (NSA)
B. National Institute of Standards and Technology (NIST)
C. United States Congress
D. Committee on National Security Systems (CNSS)

Answer: B

Explanation:
The National Institute of Standards and Technology (NIST), known between 1901 and 1988 as the National Bureau of Standards (NBS), is a measurement standards laboratory which is a non-regulatory agency of the United States Department of
Commerce. The institute's official mission is to promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology in ways that enhance economic security and improve quality of life. Answer D is incorrect. The Committee on National Security Systems (CNSS) is a United States intergovernmental organization that sets policy for the security of the US security systems. The CNSS holds discussions of policy issues, sets national policy, directions, operational procedures, and guidance for the information systems operated by the U.S. Government, its contractors, or agents that contain classified information, involve intelligence activities, involve cryptographic activities related to national security, etc. Answer A is incorrect.
The National Security Agency/Central Security Service (NSA/CSS) is a crypto-logic intelligence agency of the United States government. It is administered as part of the United States Department of Defense. NSA is responsible for the collection and analysis of foreign communications and foreign signals intelligence, which involves cryptanalysis. NSA is also responsible for protecting U.S. government communications and information systems from similar agencies elsewhere, which involves cryptography. NSA is a key component of the U.S. Intelligence Community, which is headed by the Director of National Intelligence. The Central Security Service is a co-located agency created to coordinate intelligence activities and co-operation between NSA and U.S. military cryptanalysis agencies. NSA's work is limited to communications intelligence. It does not perform field or human intelligence activities. Answer B is incorrect. The United States Congress is the bicameral legislature of the federal government of the United States of America. It consists of the Senate and the House of Representatives. The Congress meets in the United States Capitol in Washington, D.C. Both senators and representatives are chosen through direct election. Each of the 435 members of the House of Representatives represents a district and serves a two-year term. House seats are apportioned among the states by population. The 100 Senators serve staggered six-year terms. Each state has two senators, regardless of population. Every two years, approximately one-third of the Senate is elected at a time. The United States Congress main function is to make laws. The Office of the Law Revision Counsel organizes and publishes the United States Code (USC). It is a consolidation and codification by subject matter of the general and permanent laws of the United States.

NEW QUESTION 103
How can you calculate the Annualized Loss Expectancy (ALE) that may occur due to a threat?

A. Single Loss Expectancy (SLE) X Annualized Rate of Occurrence (ARO)
B. Single Loss Expectancy (SLE)/ Exposure Factor (EF)
C. Asset Value X Exposure Factor (EF)
D. Exposure Factor (EF)/Single Loss Expectancy (SLE)

Answer: A

Explanation:
The Annualized Loss Expectancy (ALE) that occurs due to a threat can be calculated by multiplying the Single Loss Expectancy (SLE) with the Annualized Rate of Occurrence (ARO). Annualized Loss Expectancy (ALE) = Single Loss Expectancy (SLE) X Annualized Rate of Occurrence (ARO) Annualized Rate of Occurrence (ARO) is a number that represents the estimated frequency in which a threat is expected to occur. It is calculated based upon the probability of the event occurring and the number of employees that could make that event occur. Single Loss Expectancy (SLE) is the value in dollars that is assigned to a single event. SLE can be calculated by the following formula: SLE = Asset Value ($) X Exposure Factor (EF) The Exposure Factor (EF) represents the % of assets loss caused by a threat. The EF is required to calculate Single Loss Expectancy (SLE).

NEW QUESTION 105
You work as the Senior Project manager in Dotcoiss Inc. Your company has started a software project using configuration management and has completed 70% of it. You need to ensure that the network infrastructure devices and networking standards used in this
project are installed in accordance with the requirements of its detailed project design documentation. Which of the following procedures will you employ to accomplish the task?

A. Configuration identification
B. Configuration control
C. Functional configuration audit
D. Physical configuration audit

Answer: D

Explanation:
Physical Configuration Audit (PCA) is one of the practices used in Software Configuration Management for Software Configuration Auditing. The purpose of the software PCA is to ensure that the design and reference documentation is consistent with the as-built software product. PCA checks and matches the really implemented layout with the documented layout. Answer B is incorrect. Functional Configuration Audit or FCA is one of the practices used in Software Configuration Management for Software Configuration Auditing. FCA occurs either at delivery or at the moment of effecting the change. A Functional Configuration

Audit ensures that functional and performance attributes of a configuration item are achieved. Answer B is incorrect. Configuration control is a procedure of the Configuration management. Configuration control is a set of processes and approval stages required to change a configuration item's attributes and to re-baseline them. It supports the change of the functional and physical attributes of software at various points in time, and performs systematic control of changes to the identified attributes. Answer A is incorrect. Configuration identification is the process of identifying the attributes that define every aspect of a configuration item. A configuration item is a product (hardware and/or software) that has an end-user purpose. These attributes are recorded in configuration documentation and baselined. Baselining an attribute forces formal configuration change control processes to be effected in the event that these attributes are changed.

NEW QUESTION 107
Which of the following ISO standards is entitled as "Information technology - Security techniques - Information security management - Measurement"?

A. ISO 27003
B. ISO 27005
C. ISO 27004
D. ISO 27006

Answer: C

Explanation:
ISO 27004 is an information security standard developed by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC). It is entitled as "Information technology - Security techniques - Information security management - Measurement". The ISO 27004 standard provides guidelines on specifications and use of measurement techniques for the assessment of the effectiveness of an implemented information security management system and controls. It also helps an organization in establishing the effectiveness of ISMS implementation, embracing benchmarking, and performance targeting within the PDCA (plan-do-check-act) cycle. Answer A is incorrect. ISO 27003 is entitled as "Information Technology - Security techniques - Information security management system implementation guidance". Answer B is incorrect. ISO 27005 is entitled as "ISO/IEC 27005:2008 Information technology -- Security techniques -- Information security risk management". Answer D is incorrect. ISO 27006 is entitled as "Information technology - Security techniques - Requirements for bodies providing audit and certification of information security management systems".

NEW QUESTION 111
Information Security management is a process of defining the security controls in order to protect information assets. The first action of a management program to implement information security is to have a security program in place. What are the objectives of a security program? Each correct answer represents a complete solution. Choose all that apply.

A. Security education
B. Security organization
C. System classification
D. Information classification

Answer: ABD

Explanation:
The first action of a management program to implement information security is to have a security program in place. The objectives of a security program are as follows: Protect the company and its assets Manage risks by identifying assets, discovering threats, and estimating the risk Provide direction for security activities by framing of information security policies, procedures, standards, guidelines and baselines Information classification Security organization Security education Answer B is incorrect. System classification is not one of the objectives of a security program.

NEW QUESTION 112
Copyright holders, content providers, and manufacturers use digital rights management (DRM) in order to limit usage of digital media and devices. Which of the following security challenges does DRM include? Each correct answer represents a complete solution. Choose all that apply.

A. OTA provisioning
B. Access control
C. Key hiding
D. Device fingerprinting

Answer: ACD

Explanation:
The security challenges for DRM are as follows: Key hiding: It prevents tampering attacks that target the secret keys. In the key hiding process, secret keys are used for authentication, encryption, and node-locking. Device fingerprinting: It prevents fraud and provides secure authentication. Device fingerprinting includes the summary of hardware and software characteristics in order to uniquely identify a device. OTA provisioning: It provides end-to-end encryption or other secure ways for delivery of copyrighted software to mobile devices. Answer B is incorrect. Access control is not a security challenge for DRM.

NEW QUESTION 116
You work as a Security Manager for Tech Perfect Inc. You want to save all the data from the SQL injection attack, which can read sensitive data from the database and modify database data using some commands, such as Insert, Update, and Delete. Which of the following tasks will you perform? Each correct answer represents a complete solution. Choose three.

A. Apply maximum number of database permissions.
B. Use an encapsulated library for accessing databases.
C. Create parameterized stored procedures.
D. Create parameterized queries by using bound and typed parameters.

Answer: BCD

Explanation:
The methods of mitigating SQL injection attacks are as follows: 1.Create parameterized queries by using bound and typed parameters. 2.Create parameterized stored procedures. 3.Use a encapsulated library in order to access databases. 4.Minimize database permissions. Answer A is incorrect. In order to save all the data from the SQL injection attack, you should minimize database permissions.

NEW QUESTION 117
Which of the following plans is a comprehensive statement of consistent actions to be taken before, during, and after a disruptive event that causes a significant loss of information systems resources?

A. Contingency plan
B. Continuity of Operations plan
C. Disaster recovery plan
D. Business Continuity plan

Answer: C

Explanation:
A disaster recovery plan is a complete statement of reliable actions to be taken before, during, and after a disruptive event that causes a considerable loss of information systems resources. The chief objective of a disaster recovery plan is to provide an organized way to make decisions if a disruptive event occurs. Disaster recovery planning is a subset of a larger process known as business continuity planning and should include planning for resumption of applications, data, hardware, communications (such as networking), and other IT infrastructure. A business continuity plan (BCP) includes planning for non-IT related aspects such as key personnel, facilities, crisis communication, and reputation protection, and should refer to the disaster recovery plan (DRP) for IT-related infrastructure recovery/continuity. Answer D is incorrect. Business Continuity Planning (BCP) is the creation and validation of a practiced logistical plan for how an organization will recover and restore partially or completely interrupted critical (urgent) functions within a predetermined time after a disaster or extended disruption. The logistical plan is called a business continuity plan. Answer B is incorrect. The Continuity Of Operation Plan (COOP) refers to the preparations and institutions maintained by the United States government, providing survival of federal government operations in the case of catastrophic events. It provides procedures and capabilities to sustain an organization's essential. COOP is the procedure documented to ensure persistent critical operations throughout any period where normal operations are unattainable. Answer A is incorrect. A contingency plan is a plan devised for a specific situation when things could go wrong. Contingency plans are often devised by governments or businesses who want to be prepared for anything that could happen. Contingency plans include specific strategies and actions to deal with specific variances to assumptions resulting in a particular problem, emergency, or state of affairs. They also include a monitoring process and "triggers" for initiating planned actions. They are required to help governments, businesses, or individuals to recover from serious incidents in the minimum time with minimum cost and disruption.

NEW QUESTION 120
Which of the following NIST documents provides a guideline for identifying an information system as a National Security System?

A. NIST SP 800-37
B. NIST SP 800-59
C. NIST SP 800-53
D. NIST SP 800-60
E. NIST SP 800-53A

Answer: B

Explanation:
NIST has developed a suite of documents for conducting Certification & Accreditation (C&A). These documents are as follows: NIST Special Publication 800-37: This document is a guide for the security certification and accreditation of Federal Information Systems. NIST Special Publication 800-53: This document provides a guideline for security controls for Federal Information Systems. NIST Special Publication 800-53A. This document consists of techniques and procedures for verifying the effectiveness of security controls in Federal Information System. NIST Special Publication 800-59: This document is a guideline for identifying an information system as a National Security System. NIST Special Publication 800-60: This document is a guide for mapping types of information and information systems to security objectives and risk levels.

NEW QUESTION 121
Which of the following steps of the LeGrand Vulnerability-Oriented Risk Management method determines the necessary compliance offered by risk management practices and assessment of risk levels?

A. Assessment, monitoring, and assurance
B. Vulnerability management
C. Risk assessment
D. Adherence to security standards and policies for development and deployment

Answer: A

Explanation:
Assessment, monitoring, and assurance determines the necessary compliance that are offered by risk management practices and assessment of risk levels.

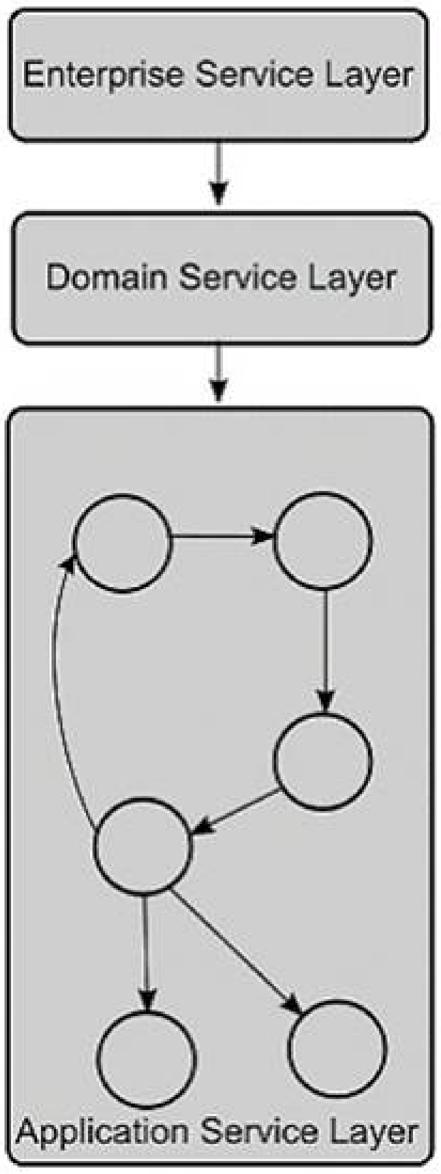
NEW QUESTION 124
Which of the following security architectures defines how to integrate widely disparate applications for a world that is Web-based and uses multiple implementation platforms?

A. Sherwood Applied Business Security Architecture
B. Enterprise architecture
C. Service-oriented architecture
D. Service-oriented modeling and architecture

Answer: C

Explanation:
In computing, a service-oriented architecture (SOA) is a flexible set of design
principles used during the phases of systems development and integration. A deployed SOA-based architecture will provide a loosely-integrated suite of services that can be used within multiple business domains. SOA also generally provides a way for consumers of services, such as web-based applications, to be aware of available SOA-based services. For example, several disparate departments within a company may develop and deploy SOA services in different implementation languages; their respective clients will benefit from a well understood, well defined interface to access them. XML is commonly used for interfacing with SOA services, though this is not required. SOA defines how to integrate widely disparate applications for a world that is Web-based and uses multiple implementation platforms. Rather than defining an API, SOA defines the interface in terms of protocols and functionality. An endpoint is the entry point for such an SOA

implementation.



(Layer interaction in Service-oriented architecture) Answer A is incorrect. SABSA (Sherwood Applied Business Security Architecture) is a framework and methodology for Enterprise Security Architecture and Service Management. SABSA is a model and a methodology for developing risk-driven enterprise information security architectures and for delivering security infrastructure solutions that support critical business initiatives. The primary characteristic of the SABSA model is that everything must be derived from an analysis of the business requirements for security, especially those in which security has an enabling function through which new business opportunities can be developed and exploited. Answer D is incorrect. The service-oriented modeling and architecture (SOMA) includes an analysis and design method that extends traditional object-oriented and component-based analysis and design methods to include concerns relevant to and supporting SOAnswer B is incorrect. Enterprise architecture describes the terminology, the composition of subsystems, and their relationships with the external environment, and the guiding principles for the design and evolution of an enterprise.

NEW QUESTION 129
Which of the following fields of management focuses on establishing and maintaining consistency of a system's or product's performance and its functional and physical attributes with its requirements, design, and operational information throughout its life?

A. Configuration management
B. Risk management
C. Change management
D. Procurement management

Answer: A

Explanation:
Configuration management is a field of management that focuses on establishing and maintaining consistency of a system's or product's performance and its functional and physical attributes with its requirements, design, and operational information throughout its life. Configuration Management System is a subsystem of the overall project management system. It is a collection of formal documented procedures used to identify and document the functional and physical characteristics of a product, result, service, or component of the project. It also controls any changes to such characteristics, and records and reports each change and its implementation status. It includes the documentation, tracking systems, and defined approval levels necessary for authorizing and controlling changes. Audits are performed as part of configuration management to determine if the requirements have been met. Answer D is incorrect. The procurement management plan defines more than just the procurement of team members, if needed. It defines how procurements will be planned and executed, and how the organization and the vendor will fulfill the terms of the contract. Answer B is incorrect. Risk Management is used to identify, assess, and control risks. It includes analyzing the value of assets to the business, identifying threats to those assets, and evaluating how vulnerable each asset is to those threats. Answer B is incorrect. Change Management is used to ensure that standardized methods and procedures are used for efficient handling of all changes.

NEW QUESTION 131
What are the differences between managed and unmanaged code technologies? Each correct answer represents a complete solution. Choose two.

A. Managed code is referred to as Hex code, whereas unmanaged code is referred to as byte code.
B. C and C++ are the examples of managed code, whereas Java EE and Microsoft.NET are the examples of unmanaged code.
C. Managed code executes under management of a runtime environment, whereas unmanaged code is executed by the CPU of a computer system.
D. Managed code is compiled into an intermediate code format, whereas unmanaged code is compiled into machine code.

Answer: CD

Explanation:
Programming languages are categorized into two technologies: 1.Managed code: This computer program code is compiled into an intermediate code format. Managed code is referred to as byte code. It executes under the management of a runtime environment. Java EE and Microsoft.NET are the examples of managed code. 2.Unmanaged code: This computer code is compiled into machine code. Unmanaged code is executed by the CPU of a computer system. C and

C++ are the examples of unmanaged code. Answer A is incorrect. Managed code is referred to as byte code. Answer B is incorrect. C and C++ are the examples of unmanaged code, whereas Java EE and Microsoft.NET are the examples of managed code.

NEW QUESTION 136
Which of the following are the phases of the Certification and Accreditation (C&A) process? Each correct answer represents a complete solution. Choose two.

A. Continuous Monitoring
B. Auditing
C. Detection
D. Initiation

Answer: AD

Explanation:
The Certification and Accreditation (C&A) process consists of four distinct phases: 1.Initiation 2.Security Certification 3.Security Accreditation 4.Continuous Monitoring The C&A activities can be applied to an information system at appropriate phases in the system development life cycle by selectively tailoring the various tasks and subtasks. Answer B and C are incorrect. Auditing and detection are not phases of the Certification and Accreditation process.

NEW QUESTION 141
The mission and business process level is the Tier 2. What are the various Tier 2 activities? Each correct answer represents a complete solution. Choose all that apply.

A. Developing an organization-wide information protection strategy and incorporating high- level information security requirements
B. Defining the types of information that the organization needs, to successfully execute the stated missions and business processes
C. Specifying the degree of autonomy for the subordinate organizations
D. Defining the core missions and business processes for the organization
E. Prioritizing missions and business processes with respect to the goals and objectives of the organization

Answer: ABCDE

Explanation:
The mission and business process level is the Tier 2. It addresses risks from the mission and business process perspective. It is guided by the risk decisions at Tier 1. The various Tier 2 activities are as follows: It defines the core missions and business processes for the organization. It also prioritizes missions and business processes, with respect to the goals and objectives of the organization. It defines the types of information that an organization requires, to successfully execute the stated missions and business processes. It helps in developing an organization-wide information protection strategy and incorporating high-level information security requirements. It specifies the degree of autonomy for the subordinate organizations.

NEW QUESTION 145
Which of the following acts is used to recognize the importance of information security to the economic and national security interests of the United States?

A. Computer Misuse Act
B. Lanham Act
C. Computer Fraud and Abuse Act
D. FISMA

Answer: D

Explanation:
The Federal Information Security Management Act of 2002 is a United States federal law enacted in 2002 as Title III of the E-Government Act of 2002. The act recognized the importance of information security to the economic and national security interests of the United States. The act requires each federal agency to develop, document, and implement an agency-wide program to provide information security for the information and information systems that support the operations and assets of the agency, including those provided or managed by another agency, contractor, or other source. FISMA has brought attention within the federal government to cybersecurity and explicitly emphasized a 'risk-based policy for cost-effective security'. FISMA requires agency program officials, chief information officers, and Inspectors Generals (IGs) to conduct annual reviews of the agency's information security program and report the results to Office of Management and Budget (OMB). OMB uses this data to assist in its oversight responsibilities and to prepare this annual report to Congress on agency compliance with the act. Answer B is incorrect. The Lanham Act is a piece of legislation that contains the federal statutes of trademark law
in the United States. The Act prohibits a number of activities, including trademark infringement, trademark dilution, and false advertising. It is also called Lanham Trademark Act. Answer A is incorrect. The Computer Misuse Act 1990 is an act of the UK Parliament which states the following statement: Unauthorized access to the computer material is punishable by 6 months imprisonment or a fine "not exceeding level 5 on the standard scale" (currently 5000). Unauthorized access with the intent to commit or facilitate commission of further offences is punishable by 6 months/maximum fine on summary conviction or 5 years/fine on indictment. Unauthorized modification of computer material is subject to the same sentences as section 2 offences. Answer B is incorrect. The Computer Fraud and Abuse Act is a law passed by the United States Congress in 1984 intended to reduce cracking of computer systems and to address federal computer-related offenses. The Computer Fraud and Abuse Act (codified as 18
U.S.C. 1030) governs cases with a compelling federal interest, where computers of the federal government or certain financial institutions are involved, where the crime itself is interstate in nature, or computers used in interstate and foreign commerce. It was amended in 1986, 1994, 1996, in 2001 by the USA PATRIOT Act, and in 2008 by the Identity Theft Enforcement and Restitution Act. Section (b) of the act punishes anyone who not just commits or attempts to commit an offense under the Computer Fraud and Abuse Act but also those who conspire to do so.

NEW QUESTION 150
An organization monitors the hard disks of its employees' computers from time to time. Which policy does this pertain to?

A. Backup policy
B. User password policy
C. Privacy policy
D. Network security policy

Answer: C

Explanation:

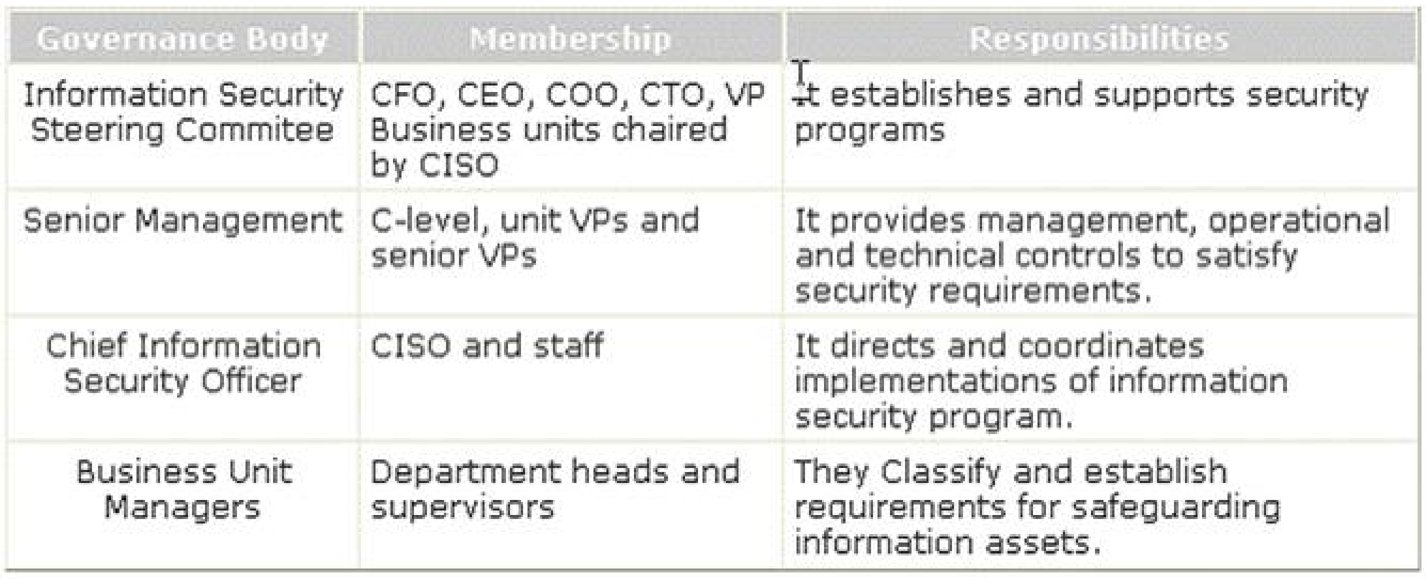
Monitoring the computer hard disks or e-mails of employees pertains to the privacy policy of an organization. Answer A is incorrect. The backup policy of a company is related to the backup of its datAnswer D is incorrect. The network security policy is related to the security of a company's network. Answer B is incorrect. The user password policy is related to passwords that users provide to log on to the network.

NEW QUESTION 153
Which of the following governance bodies provides management, operational and technical controls to satisfy security requirements?

A. Senior Management
B. Business Unit Manager
C. Information Security Steering Committee
D. Chief Information Security Officer

Answer: A

Explanation:
Senior management provides management, operational and technical controls to satisfy security requirements. The governance roles and responsibilities are mentioned below in the table:



Governance Body	Membership	Responsibilities
Information Security Steering Commitee	CFO, CEO, COO, CTO, VP Business units chaired by CISO	It establishes and supports security programs
Senior Management	C-level, unit VPs and senior VPs	It provides management, operational and technical controls to satisfy security requirements.
Chief Information Security Officer	CISO and staff	It directs and coordinates implementations of information security program.
Business Unit Managers	Department heads and supervisors	They Classify and establish requirements for safeguarding information assets.

NEW QUESTION 156
To help review or design security controls, they can be classified by several criteria. One of these criteria is based on time. According to this criteria, which of the following controls are intended to prevent an incident from occurring?

A. Corrective controls
B. Adaptive controls
C. Detective controls
D. Preventive controls

Answer: D

Explanation:
Preventive controls are the security controls that are intended to prevent an incident from occurring, e.g., by locking out unauthorized intruders. Answer B is incorrect. Detective controls are intended to identify and characterize an incident in progress, e.g., by sounding the intruder alarm and alerting the security guards or police. Answer A is incorrect. Corrective controls are intended to limit the extent of any damage caused by the incident, e.g., by recovering the organization to normal working status as efficiently as possible. Answer B is incorrect. There is no such categorization of controls based on time.

NEW QUESTION 160
Mark works as a Network Administrator for NetTech Inc. He wants users to access only those resources that are required for them. Which of the following access control models will he use?

A. Discretionary Access Control
B. Mandatory Access Control
C. Policy Access Control
D. Role-Based Access Control

Answer: D

Explanation:
Role-based access control (RBAC) is an access control model. In this model, a user can access resources according to his role in the organization. For example, a backup administrator is responsible for taking backups of important data. Therefore, he is only authorized to access this data for backing it up. However, sometimes users with different roles need to access the same resources. This situation can also be handled using the RBAC model. Answer B is incorrect. Mandatory Access Control (MAC) is a model that uses a predefined set of access privileges for an object of the system. Access to an object is restricted on the basis of the sensitivity of the object and granted through authorization. Sensitivity of an object is defined by the label assigned to it. For example, if a user receives a copy of an object that is marked as "secret", he cannot grant permission to other users to see this object unless they have the appropriate permission. Answer A is incorrect. DAC is an access control model. In this model, the data owner has the right to decide who can access the data. This model is commonly used in PC environment. The basis of this model is the use of Access Control List (ACL). Answer B is incorrect. There is no such access control model as Policy Access Control.

NEW QUESTION 165
Which of the following are the basic characteristics of declarative security? Each correct answer represents a complete solution. Choose all that apply.

A. It is a container-managed security.

B. It has a runtime environment.
C. All security constraints are stated in the configuration files.
D. The security policies are applied at the deployment time.

Answer: ABC

Explanation:
The following are the basic characteristics of declarative security: In declarative security, programming is not required. All security constraints are stated in the configuration files. It is a container-managed security. The application server manages the enforcing process of security constraints. It has a runtime environment. The security policies for runtime environment are represented by the deployment descriptor. It can support different environments, such as development, testing, and production. Answer D is incorrect. It is the characteristic of programmatic security.

NEW QUESTION 168
Which of the following terms refers to the protection of data against unauthorized access?

A. Integrity
B. Recovery
C. Auditing
D. Confidentiality

Answer: D

Explanation:
Confidentiality is a term that refers to the protection of data against unauthorized access. Administrators can provide confidentiality by encrypting data. Symmetric encryption is a relatively fast encryption method. Hence, this method of encryption is best suited for encrypting large amounts of data such as files on a computer. Answer A is incorrect. Integrity ensures that no intentional or unintentional unauthorized modification is made to datAnswer B is incorrect. Auditing is used to track user accounts for file and object access, logon attempts, system shutdown etc. This enhances the security of the network. Before enabling auditing, the type of event to be audited should be specified in the Audit Policy in User Manager for Domains.

NEW QUESTION 172
Elizabeth is a project manager for her organization and she finds risk management to be very difficult for her to manage. She asks you, a lead project manager, at what stage in the project will risk management become easier. What answer best resolves the difficulty of risk management practices and the effort required?

A. Risk management only becomes easier when the project moves into project execution.
B. Risk management only becomes easier when the project is closed.
C. Risk management is an iterative process and never becomes easier.
D. Risk management only becomes easier the more often it is practiced.

Answer: D

Explanation:
According to the PMBOK, "Like many things in project management, the more it is done the easier the practice becomes." Answer B is incorrect. This answer is not the best choice for the project. Answer A is incorrect. Risk management likely becomes more difficult in project execution that in other stages of the project. Answer B is incorrect. Risk management does become easier the more often it is done.

NEW QUESTION 176
In which of the following IDS evasion attacks does an attacker send a data packet such that IDS accepts the data packet but the host computer rejects it?

A. Evasion attack
B. Fragmentation overlap attack
C. Fragmentation overwrite attack
D. Insertion attack

Answer: D

Explanation:
In an insertion attack, an IDS accepts a packet and assumes that the host computer will also accept it. But in reality, when a host system rejects the packet, the IDS accepts the attacking string that will exploit vulnerabilities in the IDS. Such attacks can badly infect IDS signatures and IDS signature analysis. Answer B is incorrect. In this approach, an attacker sends packets in such a manner that one packet fragment overlaps data from a previous fragment. The information is organized in the packets in such a manner that when the victim's computer reassembles the packets, an attack string is executed on the victim's computer. Since the attacking string is in fragmented form, IDS is unable to detect it. Answer B is incorrect. In this approach, an attacker sends packets in such a manner that one packet fragment overwrites data from a previous fragment. The information is organized into the packets in such a manner that when the victim's computer reassembles the packets, an attack string is executed on the victim's computer. Since the attacking string is in fragmented form, IDS becomes unable to detect it. Answer A is incorrect. An evasion attack is one in which an IDS rejects a malicious packet but the host computer accepts it. Since an IDS has rejected it, it does not check the contents of the packet. Hence, using this technique, an attacker can exploit the host computer. In many cases, it is quite simple for an attacker to send such data packets that can easily perform evasion attacks on an IDSs.

NEW QUESTION 181
Harry is the project manager of the MMQ Construction Project. In this project, Harry has identified a supplier who can create stained glass windows for 1,000 window units in the construction project. The supplier is an artist who works by himself, but creates windows for several companies throughout the United States. Management reviews the proposal to use this supplier and while they agree that the supplier is talented, they do not think the artist can fulfill the 1,000 window units in time for the project's deadline. Management asked Harry to find a supplier who can fulfill the completion of the windows by the needed date in the schedule. What risk response has management asked Harry to implement?

A. Transference
B. Avoidance
C. Mitigation
D. Acceptance

Answer: C

Explanation:
This is an example of mitigation. By changing to a more reliable supplier, Harry is reducing the probability the supplier will be late. It's still possible that the vendor may not be able to deliver the stained glass windows, but the more reputable supplier reduces the probability of the lateness. Mitigation is a risk response planning technique associated with threats that seeks to reduce the probability of occurrence or impact of a risk to below an acceptable threshold. Risk mitigation involves taking early action to reduce the probability and impact of a risk occurring on the project. Adopting less complex processes, conducting more tests, or choosing a more stable supplier are examples of mitigation actions. Answer A is incorrect. Transference is when the risk is transferred to a third party, usually for a fee. While this question does include a contractual relationship, the risk is the lateness of the windows. Transference focuses on transferring the risk to a third party to manage the risk event. In this instance, the management of the risk is owned by a third party; the third party actually creates the risk event because of the possibility of the lateness of the windows. Answer B is incorrect. Avoidance changes the project plan to avoid the risk. If the project manager and management changed the window-type to a standard window in the project requirements, then this would be avoidance. Risk avoidance is a technique used for threats. It creates changes to the project management plan that are meant to either eliminate the risk completely or to protect the project objectives from its impact. Risk avoidance removes the risk event entirely either by adding additional steps to avoid the event or reducing the project scope requirements. It may seem the answer to all possible risks, but avoiding risks also means losing out on the potential gains that accepting (retaining) the risk might have allowed. Answer D is incorrect. Acceptance accepts the risk that the windows could be late and offers no response.

NEW QUESTION 185
The Phase 2 of DITSCAP C&A is known as Verification. The goal of this phase is to obtain a fully integrated system for certification testing and accreditation. What are the process activities of this phase? Each correct answer represents a complete solution. Choose all that apply.

A. Certification analysis
B. Assessment of the Analysis Results
C. Configuring refinement of the SSAA
D. System development
E. Registration

Answer: ABCD

Explanation:
The Phase 2 of DITSCAP C&A is known as Verification. The goal of this phase is to obtain a fully integrated system for certification testing and accreditation. This phase takes place between the signing of the initial version of the SSAA and the formal accreditation of the system. This phase verifies security requirements during system development. The process activities of this phase are as follows: Configuring refinement of the SSAA System development Certification analysis Assessment of the Analysis Results Answer E is incorrect. Registration is a Phase 1 activity.

NEW QUESTION 188
John works as a systems engineer for BlueWell Inc. He has modified the software, and wants to retest the application to ensure that bugs have been fixed or not. Which of the following tests should John use to accomplish the task?

A. Reliability test
B. Functional test
C. Performance test
D. Regression test

Answer: D

Explanation:
John should use the regression tests to retest the application to guarantee that bugs have been fixed. This test will help him to check that the earlier working functions have not failed as a result of the changes, and newly added features have not created problems with the previous versions. The various types of internal tests performed on builds are as follows: Regression tests: It is also known as the verification testing. These tests are developed to confirm that capabilities in earlier builds continue to work correctly in the subsequent builds. Functional test: These tests emphasizes on verifying that the build meets its functional and data requirements and correctly generates each expected display and report. Performance tests: These tests are used to identify the performance thresholds of each build. Reliability tests: These tests are used to identify the reliability thresholds of each build.

NEW QUESTION 193
Which of the following test methods has the objective to test the IT system from the viewpoint of a threat-source and to identify potential failures in the IT system protection schemes?

A. Security Test and Evaluation (ST&E)
B. Penetration testing
C. Automated vulnerability scanning tool
D. On-site interviews

Answer: B

Explanation:
The goal of penetration testing is to examine the IT system from the perspective of a threat-source, and to identify potential failures in the IT system protection schemes. Penetration testing, when performed in the risk assessment process, is used to assess an IT system's capability to survive with the intended attempts to thwart system security. Answer A is incorrect. The objective of ST&E is to ensure that the applied controls meet the approved security specification for the software and hardware and implement the organization's security policy or meet industry standards.

NEW QUESTION 196
Which of the following statements about a host-based intrusion prevention system (HIPS) are true? Each correct answer represents a complete solution. Choose two.

A. It can detect events scattered over the network.
B. It is a technique that allows multiple computers to share one or more IP addresses.
C. It can handle encrypted and unencrypted traffic equally.
D. It cannot detect events scattered over the network.

Answer: CD

Explanation:
A host-based intrusion prevention system (HIPS) is an application usually employed on a single computer. It complements traditional finger- print-based and heuristic antivirus detection methods, since it does not need continuous updates to stay ahead of new malware. When a malicious code needs to modify the system or other software residing on the machine, a HIPS system will notice some of the resulting changes and prevent the action by default or notify the user for permission. It can handle encrypted and unencrypted traffic equally and cannot detect events scattered over the network. Answer B is incorrect. Network address translation (NAT) is a technique that allows multiple computers to share one or more IP addresses. NAT is configured at the server between a private network and the Internet. It allows the computers in a private network to share a global, ISP assigned address. NAT modifies the headers of packets traversing the server. For packets outbound to the Internet, it translates the source addresses from private to public, whereas for packets inbound from the Internet, it translates the destination addresses from public to private. Answer A is incorrect. Network intrusion prevention system (NIPS) is a hardware/software platform that is designed to analyze, detect, and report on security related events. NIPS is designed to inspect traffic and based on its configuration or security policy, it can drop malicious traffic. NIPS is able to detect events scattered over the network and can react.

NEW QUESTION 197
John works as a professional Ethical Hacker. He has been assigned the project of testing the security of www.we-are-secure.com. He finds that the We-are-secure server is vulnerable to attacks. As a countermeasure, he suggests that the Network Administrator should remove the IPP printing capability from the server. He is suggesting this as a countermeasure against .

A. SNMP enumeration
B. IIS buffer overflow
C. NetBIOS NULL session
D. DNS zone transfer

Answer: B

Explanation:
Removing the IPP printing capability from a server is a good countermeasure against an IIS buffer overflow attack. A Network Administrator should take the following steps to prevent a Web server from IIS buffer overflow attacks: Conduct frequent scans for server vulnerabilities. Install the upgrades of Microsoft service packs.
Implement effective firewalls. Apply URLScan and IISLockdown utilities. Remove the IPP printing capability. Answer D is incorrect. The following are the DNS zone transfer countermeasures: Do not allow DNS zone transfer using the DNS property sheet: a.Open DNS. b.Right-click a DNS zone and click Properties. c.On the Zone Transfer tab, clear the Allow zone transfers check box. Configure the master DNS server to allow zone transfers only from secondary DNS servers: a.Open DNS. b.Right-click a DNS zone and click Properties. c.On the zone transfer tab, select the Allow zone transfers check box, and then do one of the following: To allow zone transfers only to the DNS servers listed on the name servers tab, click on the Only to the servers listed on the Name Server tab. To allow zone transfers only to specific DNS servers, click Only to the following servers, and add the IP address of one or more servers. Deny all unauthorized inbound connections to TCP port 53. Implement DNS keys and encrypted DNS payloads. Answer A is incorrect. The following are the countermeasures against SNMP enumeration: 1.Removing the SNMP agent or disabling the SNMP service 2.Changing the default PUBLIC community name when 'shutting off SNMP' is not an option 3.Implementing the Group Policy security option called Additional restrictions for anonymous connections 4.Restricting access to NULL session pipes and NULL session shares 5.Upgrading SNMP Version 1 with the latest version 6.Implementing Access control list filtering to allow only access to the read-write community from approved stations or subnets Answer B is incorrect. NetBIOS NULL session vulnerabilities are hard to prevent, especially if NetBIOS is needed as part of the infrastructure. One or more of the following steps can be taken to limit NetBIOS NULL session vulnerabilities: 1.Null sessions require access to the TCP 139 or TCP 445 port, which can be disabled by a Network Administrator. 2.A Network Administrator can also disable SMB services entirely on individual hosts by unbinding WINS Client TCP/IP from the interface. 3.A Network Administrator can also restrict the anonymous user by editing the registry values: a.Open regedit32, and go to HKLM\SYSTEM\CurrentControlSet\LSA. b.Choose edit > add value. Value name: RestrictAnonymous Data Type: REG_WORD Value: 2

NEW QUESTION 201
Which of the following are the types of intellectual property? Each correct answer represents a complete solution. Choose all that apply.

A. Patent
B. Copyright
C. Standard
D. Trademark

Answer: ABD

Explanation:
Common types of intellectual property include copyrights, trademarks, patents, industrial design rights, and trade secrets. A copyright is a form of intellectual property, which secures to its holder the exclusive right to produce copies of his or her works of original expression, such as a literary work, movie, musical work or sound recording, painting, photograph, computer program, or industrial design, for a defined, yet extendable, period of time. It does not cover ideas or facts. Copyright laws protect intellectual property from misuse by other individuals. A trademark is a distinctive sign used by an individual, business organization, or other legal entity to identify that the products or services to consumers with which the trademark appears originate from a unique source, and to distinguish its products or services from those of other entities. A trademark is designated by the following symbols: : It is for an unregistered trade mark and it is used to promote or brand goods. : It is for an unregistered service mark and it is used to promote or brand services. : It is for a registered trademark. A patent is a set of exclusive rights granted by a state to an inventor or their assignee for a limited period of time in exchange for a public disclosure of an invention. Answer B is incorrect. It is not a type of intellectual property.

NEW QUESTION 205
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