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# **Q&A**

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**Exam** : **CA1-001**

**Title** : CompTIA Advanced  
Security Practitioner (CASP)  
Beta Exam

**Version** : Demo

1.You need to ensure that a session key derived from a set of long-term public and private keys will not be compromised if one of the private keys is compromised in the future?

- A. Perfect forward secrecy
- B. Secure socket layer
- C. Secure shell
- D. Security token

**Answer: A**

2.The Security Development Lifecycle (SDL) consists of various security practices that are grouped under seven phases.Which of the following security practices are included in the Requirements phase.?

Each correct answer represents a complete solution. Choose all that apply.

- A. Incident Response Plan
- B. Create Quality Gates/Bug Bars
- C. Attack Surface Analysis/Reduction
- D. Security and Privacy Risk Assessment

**Answer: B,D**

3.Which of the following components of a VoIP network is frequently used to bridge video conferencing connections?

- A. MCU
- B. Videoconference station
- C. IP Phone
- D. Call agent

**Answer: A**

4.Which of the following is a declarative access control policy language implemented in XML and a processing model, describing how to interpret the policies?

- A. SAML
- B. SOAP
- C. SPML
- D. XACML

**Answer: D**

5.You work as a Network Administrator for uCertify Inc. You want to allow some users to access a particular program on the computers in the network. What will you do to accomplish this task?

- A. Apply remote access policies
- B. Apply NTFS permissions
- C. Apply group policies
- D. Apply account policies

**Answer: C**

6.Which of the following is the most secure authentication scheme and uses a public key cryptography and digital certificate to authenticate a user?

- A. Form-based authentication

- B. Basic authentication
- C. Digest authentication
- D. Certificate-based authentication

**Answer: D**

7.Which of the following security practices are included in the Implementation phase of the Security Development Lifecycle (SDL)? Each correct answer represents a complete solution. Choose two.

- A. Establish Design Requirements
- B. Perform Static Analysis
- C. Use Approved Tools
- D. Execute Incident Response Plan

**Answer: A,B,C**

8.In which of the following activities an organization identifies and prioritizes technical, organizational, procedural, administrative, and physical security weaknesses?

- A. Social engineering
- B. Vulnerability assessment
- C. White box testing
- D. Penetration testing

**Answer: B**

9.SDLC phases include a minimum set of security tasks that are required to effectively incorporate security in the system development process. Which of the following are the key security activities for the development/acquisition phase?

Each correct answer represents a complete solution. Choose two.

- A. Prepare initial documents for system certification and accreditation
- B. Conduct the risk assessment and use the results to supplement the baseline security controls
- C. Determination of privacy requirements
- D. Initial delineation of business requirements in terms of confidentiality, integrity, and availability

**Answer: A,B**

10.Which of the following is an XML-based framework developed by OASIS and used to exchange user, resource and service provisioning information between cooperating organizations?

- A. SOAP
- B. SAML
- C. SPML
- D. XACML

**Answer: C**

11.Which of the following terms is about communicating the user's need and ability to communicate, and the medium through which that communication may occur?

- A. Data sharing
- B. Presence
- C. Instant messaging

D. Audio conferencing

**Answer: B**

12.Which technology can be used to help ensure the efficient transport of VoIP traffic?

- A. DNS
- B. QoS
- C. H.323
- D. RSTP

**Answer: B**

13.In which of the following attacks does an attacker intercept call-signaling SIP message traffic and masquerade as the calling party to the called party and vice-versa?

- A. Call tampering
- B. Man-in-the-middle
- C. Eavesdropping
- D. Denial of Service

**Answer: B**

14.Which of the following protocols is used extensively in communication and entertainment systems that involve streaming media, such as telephony, video teleconference applications and web-based push to talk features?

- A. SIP
- B. MGCP
- C. H.323
- D. RTP

**Answer: D**

15.Collaboration platform offers a set of software components and services that enable users to communicate, share information, and work together for achieving common business goals. What are the core elements of a collaboration platform?

Each correct answer represents a part of the solution. Choose three.

- A. Product and service integration
- B. Real-time communication
- C. Change management
- D. Team collaboration
- E. Messaging

**Answer: B,D,E**

16.Which of the following stages are involved in the successful implementation of a collaboration platform?

Each correct answer represents a part of the solution. Choose two.

- A. Ongoing collaboration solution design
- B. Federated identity management
- C. Platform implementation
- D. Product and service integration

**Answer: A,C**

17.You work as a Network Administrator for uCertify Inc.

You want the clients and servers in your organization to be able to communicate in a way that prevents eavesdropping and tampering of data on the Internet. Which of the following will you use to accomplish the task?

- A. EFS
- B. WEP
- C. SSL
- D. MS-CHAP

**Answer: C**

18.Which of the following are the functions of a network security administrator? Each correct answer represents a complete solution. Choose three.

- A. Backing up the files
- B. Writing computer software
- C. Maintaining and implementing a firewall
- D. Developing, maintaining, and implementing IT security

**Answer: A,C,D**

19.Which of the following is frequently used by administrators to verify security policies of their networks and by attackers to identify running services on a host with the view to compromise it?

- A. Fuzzer
- B. Port scanner
- C. MegaPing
- D. UDP scan

**Answer: B**

20.You work as a Network Administrator for uCertify Inc. You need to conduct network reconnaissance, which is carried out by a remote attacker attempting to gain information or access to a network on which it is not authorized/allowed.

What will you do?

- A. Use a SuperScan
- B. Use a netcat utility
- C. Use a vulnerability scanner
- D. Use an idle scan

**Answer: C**