

# Accenture Fundamentals of Networking, Security and Cloud

1. How many bytes of bit keys are used by AES?

- A. 196 Bit Key
- B. 128, 192 and 256 Bit Keys
- C. 132 Bit key and 196 Bit Key
- D. 126 Bit Key and 192 bit Key

Answer: B

2. Which of the following routines of virus encryptions in network security can change their code on the fly?

- A. Octamorphic Encryption routine
- B. Metamorphic Encryption Routine
- C. Oligomorphic Encryption Routine
- D. Polymorphic Encryption Routine

Answer: B

3. Which of the following factors differentiates between cloud and data centers based on storing and

accessing massive amounts of data in an organization as a cost-effective alternative?

- A. Throughput and Performance
- B. Customization and Scalability
- C. Availability and Durability
- D. Security and Cost

Answer: B

4. What are the three most depressing cloud issues faced by the organisations while delivering

comprehensive throughput and security?

- A. Cost, Reliability and Durability
- B. Email Security, Web Security, Identity Management
- C. Filtering, Scalability and Accessibility
- D. DDoS Attacks, Viruses and Unauthorized Users

Answer: A

5. What are the standards designed for data centre infrastructure that ensures data transmission

smoothly and securely?

- A. Basic Site Infrastructure and Redundant-capacity component site infrastructure Standard
- B. All of the mentioned options
- C. Fault-tolerant site infrastructure Standard
- D. Concurrently maintainable site infrastructure Standard

Answer: A

6. What are the factors that are responsible for depleting network security protocols and acts as a threat

to the networking servers?

- A. Hacker Attacks and Threats
- B. Natural Disasters

- C. Backdoor and Leakage of Computer Software
- D. All of the mentioned options

Answer: A

7. Which of the following network security servers provide access control and data encryption between two different computers on the same network?

- A. Encrypted Servers
- B. Virtual private networks
- C. Dedicated network security
- D. Identity servers

Answer: B

## – Slot One (1)

1. Salesforce is an example of which of the following type of cloud-based services?

- A. SaaS
- B. IaaS
- C. IDaaS
- D. PaaS

Answer: A

2. As per which of the following essential characteristics of cloud, the hosted application should be reachable via any network-based appliance?

- A. On-demand self-service
- B. Broad network access
- C. Resource pooling
- D. Rapid elasticity

Answer: B

3. In which of the following type of hardware virtualization, the guest software run their own isolated domains?

- A. None of the mentioned options
- B. Emulation virtualization
- C. Paravirtualization
- D. Full virtualization

Answer: C

4. Which of the following are the PaaS characteristics that define it as a cloud service?

- 1. Builds on virtualization technology
- 2. Provides a variety of services to assist with the development, testing, and deployment of apps
- 3. Integrates web services and databases

- A. All 1, 2 and 3
- B. 1 and 3
- C. 1 and 2
- D. 2 and 3

Answer: A

5. Data availability, as a security service is threatened by which of the following type of attack?

- A. Denial of service attack
- B. Masquerading
- C. Modification of message
- D. Repudiation

Answer: A

6. The given IP Address belongs to which of the following IP Class?  
10.50.13.40

- A. Class A
- B. Class C
- C. Class B
- D. Class D

Answer: A

7. In which of the following type of cyber-attacks, emails as shown in the image are sent to victims?

- A. Phishing
- B. Man-in-the-middle attack
- C. Denial of Service attack
- D. SQL injection

Answer: A

8. In OSI reference model, which of the following data units is exchanged between two transport layers?

- A. Frame
- B. Bits
- C. Segment
- D. Packet

Answer: C

9. Identify the type of topology shown in the image.



- A. Bus
- B. Mesh
- C. Star
- D. Ring

Answer: B

10. IPV6 protocol is implemented on which of the following layer of OSI model?

- A. Application layer
- B. Presentation layer
- C. Physical layer
- D. Network layer

Answer: D

## – Slot 2

1. Which of the following statements are true?

Statement I: Broad Network Access allows the use of heterogeneous clients.

Statement II : Broad Network Access allows customer to use resource without the knowledge of exact location of the resource.

Statement III : Resource pooling allows user to provide to multiple clients using the same physical equipment

- A. All the statement are true
- B. Except statement II, all are true
- C. Only statement II and III are true
- D. Except statement I, all are true

Answer: A

2. Which of the following is/are important for serving time sensitive manufacturing application?

- A. None of the mentioned options
- B. Latency

- C. both Network bandwidth and latency
- D. Network bandwidth

Answer: C

3. Which of the following is/are the common steps performed in every round during encryption and decryption?

- A. Inverse mix columns
- B. Add round key
- C. Inverse shift rows
- D. Substitute bytes

Answer: B, D

4. What is the size in bytes of Group Temporal Key in case of CCMP?

- A. 5
- B. 32
- C. 13
- D. 16

Answer: D

5. Which of the following function for collision avoidance before transmission is optional?

- A. both Distributed Coordination Function and Point Coordination Function
- B. Point Coordination Function
- C. None of the mentioned options
- D. Distributed Coordination Function

Answer: B

6. Which of the following is/are the applications of ssh-keygen?

- A. Authenticating hosts
- B. All of the mentioned options
- C. Single sign-on
- D. Automated logins

Answer: B

7. Which of the following options is correct based on the below statements?

Statement I : SSH keys can be used to hide backdoors.

Statement II : SSH keys are changed on regular basis.

Statement III: SSH keys cannot be kept offline.

Statement IV : SSH keys replaced the insecure .rhosts authentication that was vulnerable to active network-level attacks.

- A. Except Statement III, all are true
- B. Only I and IV are true
- C. All Statements are true
- D. Except Statement II, all are false

Answer: C

8. Which of the following is considered as the unsolicited commercial email?

- A. Virus
- B. Malware
- C. Spam
- D. All of the above

Answer: C

9. Which of the following has many features that are now known as cloud computing?

A. Web Service

B. Softwares

C. All of the mentioned

D. Internet

Answer: D