

Week 6: Cloud Computing Assignments
[One or more options may be correct]

| <i>Sl No</i> | <i>Question</i> |
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| 1 | <p>Which of the following security attack affects or exhibits threats to the integrity of any message?</p> <p>(a) Interruption (b) Modification (c) Interception (d) Fabrication Ans: b</p> |
| 2 | <p>Spoofing is an example of –</p> <p>(a) Deception (b) Disclosure (c) Usurpation (d) Disruption Ans: a,c</p> |
| 3 | <p>Which of the following is/are NOT a type of an active attack?</p> <p>a) Denial of service b) Traffic analysis c) Replay d) Masquerade Ans: b</p> |
| 4 | <p>Typical goal(s) of a security mechanism is/are:</p> <p>(a) Prevention (b) Counter Attack (c) Detection (d) Trust Ans: a,c</p> |
| 5 | <p>Considering the multi-tenancy property of cloud, new risks involve:</p> <p>a) Side-channels exploitation b) Vulnerable VM isolation mechanisms c) Lack of control in shared server space d) Denial of Service (DOS) Ans: A,B,C</p> |
| 6 | <p>Which of the following is/are Gartner's cloud computing security risks?</p> <p>(a) Data Location (b) Long-term Viability (c) Privileged User Access</p> |

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| | <p>(d) Operating System Vulnerability</p> <p>Ans: a,b,c</p> |
| 7 | <p>In cloud "Recovery Time Objective" (RTO) depicts:</p> <p>(a)The period of time allowed for recovery (b)Percentage of data recovered (c)Maximum amount of data recovered (d)None</p> <p>Ans: a</p> |
| 8 | <p>Which type(s) of firewall record(s) information about ongoing TCP sessions and ensures out-of-session packets are discarded?</p> <p>(a) Stateful (b) Application proxy (c) Packet filter (d) None of these</p> <p>Ans: a</p> |
| 9 | <p>Which of the following sequence is correct for working of network security?</p> <p>(a) Reconnaissance, Determine security policy, Determine security policy, Post-attack investigation (b) Determine security policy, Vulnerability scanning, Post-attack investigation, Reconnaissance (c) Vulnerability scanning, Determine security policy, Reconnaissance, Post-attack investigation (d) Determine security policy, Reconnaissance, Vulnerability scanning, Post-attack investigation</p> <p>Ans: d</p> |
| 10 | <p>Basic component(s) of cloud security is/are:</p> <p>(a)Integrity (b)Availability (c)Confidentiality (d)Access Control</p> <p>Ans: a,b,c</p> |