

- 001.** _____ refers to the ability of dynamically acquiring computing resources and supporting a variable workload. Snort
A Elastic computing B Cloud computing
C Soft computing D Data computing

002. In peer-to-peer networking _____
A there is only one server and many clients
B here is only one client and many servers
C every computer is capable of playing the role of server
D every computer is capable of playing the role of client, server or both at the same time

003. The infrastructure should support some form of _____
A Reliability B Popularization
C workflow management D Abstraction

004. Which one of the following options can be considered as the Cloud?
A Hadoop B Intranet
C Web Applications D Mail

005. Which one of the following statements is not true?
A cross-site scripting B directory traversal
C parameter injection D injecting shell code

006. Which of the following is an essential concept related to Cloud?
A Reliability B Abstraction
C Productivity D popularization

007. Transferring large volumes of data requires _____
A High bandwidth networks B Low bandwidth networks
C Hybrid network D Thin flow network

008. Which one of the following given programs provides the isolation (abstraction) and partitioning?
A System hypervisor B Software hypervisor
C Hardware hypervisor D Virtualization hypervisor

009. On which one of the following hypervisor runs directly on the underlying host system, it is also known as _____?
A Bare metal hypervisor B Hosted Hypervisor
C Hardware hypervisor D Software hypervisor

010. SAN stands for _____
A Storage Area Network B Service Area Network
C System Area Network D Soft Area Network

011. Choose the correct IaaS provider among the following.
A EC2 B EC1
C EC10 D Hybrid

012. Identify among the components which are known as a hypervisor.
A VMC B VMM
C VC D VBM

013. Choose among the following which is related to services provided by the cloud.
A Reliability B Sourcing
C Ownership D Aaas

014. In cloud computing, the client is on which end.
A Backend B Frontend
C Depends D Both frontend and backend

015. Cloud computing architecture is a combination of?
A Service-oriented architecture and grid computing B Utility computing and event-driven architecture.
C Service-oriented architecture and event-driven architecture. D Virtualization and event-driven architecture.

016. In which one of the following, the virtual machine simulates hardware, through which it

- can be independent of the underlying system hardware?
- A Para-virtualization B Full virtualization
 C Emulation D Partial virtualization
- 017.** How many phases are present in Cloud Computing Planning? B
- A 2 B 3
 C 4 D 5
- 018.** In which one of the following, a strategy record or Document is created respectively to the events, conditions a user may face while applying cloud computing mode. B
- A Cloud Computing Value Proposition B Cloud Computing Strategy Planning
 C Planning Phase D Business Architecture Development
- 019.** Having individuals provide personal information to obtain a free offer provided through theInternet is considered what type of social engineering? Having individuals provide personal information to obtain a free offer provided through theInternet is considered what type of social engineering? Which one of the following refers to the non-functional requirements like disaster recovery, security, reliability, etc. B
- A Service Development B Quality of service
 C Plan Development D Technical Service
- 020.** What is the best statement for taking advantage of a weakness in the security of an ITsystem? What is the best statement for taking advantage of a weakness in the security of an ITsystem? What is the best statement for taking advantage of a weakness in the security of an ITsystem? This phase involves selecting a cloud provider based on the Service Level Agreement (SLA), which defines the level of service the provider receives. B
- A Maintenance and Technical Service B Selecting Cloud Computing Provider
 C Service Development D Quality of service
- 021.** Which of the model involves the special types of services that users can access on a Cloud Computing platform? A
- A Service B Planning
 C Deployment D Application
- 022.** Which of the following can be considered PaaS offering? D
- A YouTube B Google Earth
 C Google Ad sense D Google Maps
- 023.** Which one of the following is not the correct statement? B
- A The customer assumes no responsibility for maintaining the hardware, software or the development of applications. B Google 's App Engine platform is one of the IaaS offerings.
 C The vendor is usually responsible for all operational aspects of the services. D Open Platform as a service
- 024.** Which one of the following of PaaS type that involves on-demand scaling and application security? C
- A Stand-alone development environments B Open Platform as a service
 C Application delivery-only environments D Add-on development facilities
- 025.** Which one of the following is a type of software that supports the virtual machine? B
- A Kernel B Hypervisor
 C Emulation D LDAP
- 026.** Through which one of the following models, SaaS supports multiple users and offers a shared data model? C
- A single-tenancy B multiple-instance
 C multi-tenancy D double - tenancy
- 027.** Which of the following is the SaaS 's Characteristics? A

- A Software mostly available over the internet across the world and can be provided according to the demand through the browser.
C SaaS applications are not customizable
- 028.** Which type of PaaS does not contain any type of license or technical dependencies on specific SaaS applications?
A Add-on development facilities
C Open Platform as a service
- 029.** In order to provide more secure authentication, which of the following is required at least?
A three-factor authentication.
C four-factor authentication.
- 030.** Computer system of a parallel computer is capable of
A Decentralized computing
C Centralized computing
- 031.** Among the following, which one has the single authentication server and manages multiple accesses to the other systems?
A SOAP
C SSO
- 032.** The resources like IP addresses and VLANs are provided to the end-users by which of the following?
A Server virtualization.
C End-user virtualization.
- 033.** Which of the following is the most commonly used model for description and discovery and is also used with SOAP messaging?
A DHML
C WSDL
- 034.** Which one of the following is not a correct statement?
A The Distributed Audit Service offers accountability for users accessing a system.
C Distributed transaction systems like as Cloud Computing Systems, Internetworks and several others usually increases the obstacles faced by identity management systems.
- 035.** Which of the following is a type of XML request or response language commonly used to integrate and interact services that handle requests?
A XACML
C SSP
- 036.** Which of the statements are true? 1. Location transparency - information objects are accessed without knowledge of their location.2. Concurrency transparency - several processes run concurrently using shared information objects without interference among them.
A Only statement 1 is true
C Both statements 1 and 2 are true
- 037.** _____ display local and communication events during a process lifetime.
A Parallel System
C Communication channel
- 038.** What is a grid computing?
- B SaaS applications are reliable
D Non-reliable
- B Application delivery-only environments
D Stand-alone development environments
- C
- C
- A
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- A
- A
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- A It is parallel and distributed computing where computer infrastructure is offered as a service. B It is parallel computing where autonomous computers act together to perform very large task.
- C It is distributed computing where autonomous computers perform independent task. D It is interconnected computing where a computing platform is delivered to consumers.
- 039.** Which routing technique is used in a distributed system? D
 A fixed routing B virtual routing
 C dynamic routing D Virtual routing and dynamic routing
- 040.** In distributed systems, link and site failure is detected by _____ B
 A Polling B Handshaking
 C Token passing D none
- 041.** The capability of a system to adapt the increased service load is called _____ A
 A scalability B tolerance
 C capacity D none of the mentioned
- 042.** A logical clock is a mechanism for capturing chronological and causal relationships in a D

 A Parallel-Distributed System B Serial System
 C Parallel System D Distributed system.
- 043.** The following statements are TRUE: Modeling concurrency with Petri Nets 1. A transition may model the occurrence of an event, the execution of a Computational task, the transmission of a packet, a logic statement. 2. The input places of a transition model the pre-conditions of an event, the input data for the computational task, the presence of data in an input buffer, the pre-conditions of a logic statement3. The output places of a transition model the post-conditions associated with an event, the results of the computational task, the presence of data in an output buffer, or the conclusions of a logic statement. 3. D
 A Only 1 B Both 2 and 3
 C Only 3 D 1,2 and 3
- 044.** The Paxos algorithm has _____ phases. D
 A 8 B 6
 C 5 D 2
- 045.** Match the following : The four Coffman conditions for a deadlock Theft Description 1. Mutual exclusion P at least one processes/thread must hold one or more resources and wait for others. 2. Hold and wait Q - at least one resource must be non- sharable, only one process/thread may use the resource at any given time No 3. No-preemption R the scheduler or a monitor should not be able to force a process/thread holding a resource to relinquish it. B
 A 1-P , 2-R , 3-Q B 1-Q , 2-P , 3-R
 C 1-R , 2-P , 3-Q D 1-P , 2-Q , 3-R
- 046.** Communication protocols is not implement D
 A Error control mechanisms. B Flow control
 C Congestion control D Process coordination
- 047.** What is the purpose of a Denial of Service attack? C
 A Exploit a weakness in the TCP/IP stack B To execute a Trojan on a system
 C To overload a system so it is no longer operational D To shutdown services by turning them off
- 048.** All-or-nothing atomicity includes following stages _____ A
 A 2 Phases B 3 Phases
 C 5 Phases D 6 Phases
- 049.** _____ is a process of agreeing to one of several alternates proposed by a number of agents. A
 A Consensus protocols B Paxos

- C Petri Nets (PNs) D Congestion control
050. Amazon Web Services supports which Type II Audits ? **B**
 A SAS20 B SAS70
 C SAS72 D SAS30
- 051.** The types of AMI provided by AWS are: **D**
 A Instance store backed B EBS backed
 C Better availability and Better cost D Both 1 & 2 management
- 052.** What are the advantages of auto-scaling? **D**
 A Better availability B Better cost management.
 C Offers fault tolerance and less D Better availability and Better cost management availability
- 053.** _____ is a billing and account management service. **C**
 A Amazon Mechanical Turk B Amazon Elastic MapReduce
 C Amazon DevPay D Multi-Factor Authentication
- 054.** Amazon Web Services falls into which of the following cloud-computing category? **C**
 A Platform as a Service B Software as a Service
 C Infrastructure as a Service D Back-end as a Service
- 055.** WS reaches customers in _____ countries. **A**
 A 190 B 160
 C 125 D 151
- 056.** How many buckets can you create in AWS by default? **C**
 A 120 B 200
 C 100 D 135
- 057.** Dynamic content presented in Google _____ crawling isn't normally indexed.1. AJAX.2. Java3. JavaScript 4. Python **C**
 A 1 and 2 B Only 3
 C Only 1 D 1, 2 ,3 and 4
- 058.** Which of the following service creates an application hosting environment?1. EBS2. Azure AppFabric3. ESW4. SERP **C**
 A 1 and 2 B Only 3
 C Only 2 D 1, 2 ,3 and 4
- 059.** Which of the following is not provided by Deep Web? 1. Database generated Web pages.2. Private or limited access Web pages.3. Pages without links. **D**
 A 1 and 2 B Only 3
 C Only 2 D 1, 2 and 3
- 060.** What are the Authentication in AWS? **D**
 A User Name/Password B Access Key
 C Access Key/ Session Token D Access Key/ Session Token/ User Name/Password
- 061.** Which of the following algorithm is used by Google to determine the importance of a particular page? **B**
 A SVD B Page Rank
 C Fast Map D SDV
- 062.** Based on Page Rank algorithm, Google returns _____ for a query that is parsed for its keywords. **C**
 A SEP B SAP
 C SERP D Business Objects Build
- 063.** Point out the wrong statement. 1. Wolf Frameworks uses a C# engine and supports both Microsoft SQL Server and MySQL database.2. Applications built in Wolf are 50-percent browser-based and support mashable and multisource overlaid content.3. Google applications are cloud-based applications.4. In Wolf, the data and transaction management conforms to the business rules you create **C**
 A 1 and 2 B 1, 2 and 3

- C Only 2 D 1,2,3 and 4
064. Double Commander is an example of _____ tool. **B**
A a compression B a file management
C an anti-virus D a disk-defragmenter
- 065.** Point out the wrong statement? 1. Some APIs are both exposed as SOAP and REST2. D
The role of a cloud vendor specific API has impact on porting an application.3. There are mainly three types of cloud storage.
A 3 only B 2 and 3 only
C 1 and 2 only D 1,2 and 3
- 066.** A software, coding of which is available freely on Internet and is open for users for further use and improvement and which is generally developed in a collaborative manner is called A
A open source software B unlicensed software
C free software D community software
- 067.** Which of the following is a pure infrastructure play? C
A Azure B Google App Engine
C AWS D WORD
- 068.** Azure is Microsofts _____ as a Service Web hosting service. C
A Platform B Software
C Infrastructure D 2 and 3 only
- 069.** _____ supports the creation of snapshots of the volumes attached to an instance and then uses them to restart the instance. A
A Elastic Block Store (EBS) B Simple Storage System (S3)
C Simple Queueing Service (SQS) D Elastic Cloud Computing (EC2)
- 070.** Amazon _____ is a Web service that provides real-time monitoring to Amazon's EC2 customers. 1. AmWatch 2. CloudWatch 3. IamWatch C
A 2 only B 2 and 3 only
C 1 and 2 only D 1,2 and 3
- 071.** _____ ability to use as many servers as necessary to optimally respond to cost and timing constraints of an application A
A 3 B 5
C 4 D 2
- 072.** _____ policy frequently codified as standards and procedures used when configuring and maintaining system. B
A Elasticity B Service Level Agreement (SLA)
C System Implementation policy(SIP) D Enterprise Information Security Policy (EISP)
- 073.** The Zookeeper API consists of _____ operations: C
A five B four
C Seven. D Six.
- 074.** Microsoft Windows is a _____ type of operating software. D
A disk defragmenter B freeware
C shareware D proprietary software
- 075.** The addition of a software package on top of a cloud storage volume makes most cloud storage offerings conform to a _____ as a Service model. A
A Software B Platform
C Analytics D High Risk Class data
- 076.** An energy-proportional system consumes no power when idle, very little power under a light load and, gradually, more power as the load _____. B
A decreases B increases
C constant D may be increases
- 077.** _____ a negotiated contract between the customer and CSP; can be legally binding or informal. Objectives: D
A Service Level Agreement (SLA) B System Specific policy(SSP)

- | | | | |
|-------------|--|---|--|
| C | System Implementation policy(SIP) | D | Enterprise Information Security Policy (EISP) |
| 078. | Which one of the following components allocates the cloud resources to the remote users based on the quality of service they demand? | | |
| A | Cloud controller | B | Cloud coordinator |
| C | Cloud broker | D | Cloud exchange |
| 079. | Which one of the following statements is true about Cloud exchange? | | |
| A | It acts as a database repository or directory. | B | It always updates policies of its participants. |
| C | It facilitates the financial transaction between cloud vendors and its clients. | D | Both 1 and 2 |
| 080. | Which one of the following components of federated cloud manages the cloud enterprises and their membership? | | |
| A | Cloud controller | B | Cloud coordinator |
| C | Cloud broker | D | Cloud exchange |
| 081. | More detailed version of security framework is _____ | | |
| A | System Implementation policy(SIP) | B | The information security Blueprint |
| C | Issue-Specific Security Policy (ISSP) | D | Confidentiality |
| 082. | Which one of the following components of Openstack provides telemetry services? | | |
| A | Neutron | B | Keystone |
| C | Glance | D | Ceilometers |
| 083. | Which one of the following components of Openstack provides on-demand service provisioning with auto-scaling of cloud resources? | | |
| A | Nova | B | Keystone |
| C | Heat | D | Ceilometers |
| 084. | Which one of the following statements is not true for the Federated cloud? | | |
| A | SAST Tools It connects the cloud environment of two or more cloud service providers using a common standard. | B | It integrates only homogeneous cloud environment. |
| C | It helps the provider to easily scale up the resource to match business needs. | D | It provides seamless cloud environment which can interact with people, various devices, different application interfaces and other entities. |
| 085. | Which one of the following methods adds or removes computing instances based on the current utilization level of the allocated resources? 1. Demand-driven method 2. Event driven method 3. Popularity-driven method 4. Risk management. 5. Value delivery | | |
| A | Only 1 | B | 1,2 and 3 |
| C | 1 and 3 | D | 2 and 3 |
| 086. | Open Stack is deployed as _____ for private / public clouds. | | |
| A | SaaS | B | PaaS |
| C | IaaS | D | DaaS |
| 087. | Which one of the following statements is true for Google app engine?? 1. It is a service platform used for developing and hosting web applications in Google-managed data centers. 2. It allows running web applications on Googles infrastructure. | | |
| A | 1- True and 2-True | B | 1- False and 2-True |
| C | 1- True and 2-False | D | 1- False and 2-False |
| 088. | Which one of the following types of federation of cloud allows two clouds from different provider to connect only if the peer cloud supports transport layer security and provides a digital certificate? | | |
| A | Permissive federation | B | Verified federation |

- C Encrypted federation D Trusted federation
089. Which one of the following statements is not true about the federated cloud? **D**
A It allows scaling up of resources. B It decreases reliability.
C It has increased collaboration of cloud D It connects multiple cloud service providers globally to let providers buy and sell their services on demand.
- 090.** Which one of the following statements is not true about Virtual box? **C**
A It is a type-2 hypervisor. B It runs on the operating system and is already installed on a host.
C It can only run on Windows family D It can be started and closed by a user on demand.
- 091.** _____ provides high-performance access to data across highly scalable Hadoop **A** clusters.
A HDFS B MapReduce
C YARN D Hadoop Common
- 092.** _____ creates isolated containers on a single physical server. **C**
A Instruction set architecture level B Hardware level virtualization
virtualization
C Operating system level virtualization D Application level virtualization
- 093.** _____ is an example of the OS-level virtualization. **C**
A Hyper v B VMware Workstation
C OpenVZ D VM server
- 094.** _____ is an example of hardware-level virtualization. **A**
A Xen hypervisor B VMware Workstation
C Virtual box D VM server
- 095.** Which one of the following cloud security controls block nefarious attacks on a cloud system? **A**
A Deterrent Controls B Preventive Controls
C Detective Controls D Corrective Controls
- 096.** Which one of the following cloud security controls make the system resilient to attacks by eliminating vulnerabilities in it? **B**
A DeterrentControls B PreventiveControls
C DetectiveControls D CorrectiveControls
- 097.** The hardware-level virtualization is not virtualize on _____. **D**
A processors B memory
C I/O devices D Hard drive
- 098.** The implementation levels of virtualization cannot be **D**
A hardware level B operating system level
C application level D software level
- 099.** _____ attacks use every possible letter, number, and character found on a keyboard when cracking a password. **A**
A vCUDA B WINE
C WABI D Visual MainWin
- 100.** Xen is the _____ hypervisor. **B**
A Monolithic B Microkernel
C Macrokernel D Non-Monolithic
- 101.** _____ provides virtualization of General-Purpose GPUs. **D**
A Online B Active
C Inline D Live
- 102.** _____ is an example of an application level virtualization. **D**
A Hyper v B VMware Workstation
C Virtual box D Microsoft .NET CLR
- 103.** Virtual Machine Monitor is also known as _____. **C**
A Para-Virtualization B Full Virtualization

- C Hypervisor D VMware Workstation
104. _____ enables multiple isolated VMs within a single operating system kernel. C
A Instruction set architecture level virtualization
B Hardware level virtualization
- C Operating system level virtualization D Application level virtualization
105. _____ offers library support for virtualizing x86 processors to run Windows B
applications on UNIX hosts.
A reports vCUDA B WINE
C WABI D Visual MainWin
106. In _____, two-level mapping procedure should be maintained by the guest OS C
and the VMM, respectively: virtual memory to physical memory and physical memory
to machine memory.
A Hardware level virtualization B I/O Virtualization
C Memory virtualization D Application level virtualization
107. All the servers are pooled together into one in the _____ of the cloud architecture. B
A Hardware Layer B Infrastructure Layer
C Platform Layer D Application Layer
108. The critical instructions can be _____ A
A privileged instructions B non-control-sensitive instructions
C Non-behavior-sensitive instructions D Non-privileged instructions
109. _____ modify OS kernel to replace all sensitive instructions with hyper calls. A
A Para-Virtualization B Full Virtualization
C I/O Virtualization D Application level virtualization
110. In _____, VM simulates enough hardware to allow an unmodified guest OS to be B
run in isolation
A Para-Virtualization B Full Virtualization
C I/O Virtualization D Application level virtualization
111. _____ virtualizes Network interface card and disk. C
A Para-Virtualization B Full Virtualization
C I/O Virtualization D Application level virtualization
112. VMware ESX Server employs _____ architecture. A
A Para-Virtualization B Full Virtualization
C I/O Virtualization D Application level virtualization
113. Which of the following service is provided by Google for online storage? A
A Drive B SkyDrive
C Dropbox D Adrive
114. Which of the following association has coined the term Data Storage as a Service A
(DaaS) to describe the delivery of storage on demand to clients over a distributed
system?
A SNIA B COA
C OCCI. D OCCN
115. Point out the wrong statement. C
A The most basic service that online storage can serve is to provide disk space on demand
B The user may be able to purchase additional space for paid service
C S3 is an example of unmanaged cloud storage
D Process of using scientific knowledge in analysis and presentation of evidence in court Cloud Provider
116. _____ conducts independent assessment of cloud services, information system B
operations, performance and security of the cloud implementation.
A Process of using scientific knowledge in analysis and presentation of evidence in court Cloud Provider
B Cloud Auditor
C Cloud Broker D Cloud Carrier

- 117.** Which of the following service offers unlimited storage space? **C**
A Adrive B 4shared
C Badongo D Adrive
- 118.** The main components of a control system in CRM? 1. The inputs 2. The control system components,3. The outputs **B**
A Both 1 and 2 B 1,2, and 3
C Only 1 D Only 2
- 119.** When you deploy an application on Googles PaaS App Engine cloud service, the Administration Console provides you with the which of the following monitoring capabilities? **B**
A No View data and error logs B Analyze your network traffic
C View the applications scheduled tasks D I/O Virtualization
- 120.** Which of the following factors led to the demise of many of the early SSPs and to many hosted file services ? 1. The Dot.com bust in 20002. The inability of file-hosting companies to successfully monetize online storage **A**
A 1- True and 2-True B 1- False and 2-True
C 1- True and 2-False D 1- False and 2-False
- 121.** Which of the following is the central application in the AWS portfolio? **A**
A Amazon Elastic Compute Cloud B Amazon Simple Queue Service
C Amazon Simple Notification Service D Amazon Simple Storage System
- 122.** E-mail messages are distributed from one central server to many connected client computers, a configuration called _____. **A**
A client/server architecture B client architecture
C central distribution architecture D peer-to-peer architecture
- 123.** Which of the following is mainly focused on backup and digital archiving, not on storage hosting **B**
A Nirvanix B Iron Mountain
C Google Storage for Developer D SNIA
- 124.** Which of the following offers direct competition to Amazons S3 service? **B**
A Nirvanix B Rackspace Cloud
C Badongo D Google Storage for Developer
- 125.** Which of the following backup is used by Apples Time Machine ? **C**
A Continuous Data Protection B Open file backup
C Reverse Delta backup D Mirroring
- 126.** Which of the following statements are true? 1. A service level agreement (SLA) specifies the rewards as well as penalties associated with specific performance metrics
2. The SLA for cloud-based web services uses the average response time to reflect the Quality of Service. **A**
A 1- True and 2-True B 1- False and 2-True
C 1- True and 2-False D 1- False and 2-False
- 127.** Which of the following operation retrieves the newest version of the object? 1. PUT2. GET 3. POST 4. COPY **B**
A Only 1 B Only 2
C Both 3 and 4 D 1,2,3 and 4
- 128.** In which year, Amazon Web Services founded? **B**
A 2005 B 2006
C 2007 D 2008
- 129.** Which of the following can be done with S3 buckets through the SOAP and REST APIs? 1. Upload new objects to a bucket and download them2. Create, edit, or delete existing buckets3. Specify where a bucket should be stored **D**
A 1 only B 1 and 2
C 2 only D 1,2 and 3
- 130.** Which of the following is a message queue or transaction system for distributed Internet-based applications **B**

- A Amazon Elastic Compute Cloud B Amazon Simple Queue Service
C Amazon Simple Notification Service D Amazon Simple Storage System
- 131.** Point out the correct statement.1. SQL Server is having enormous impact on cloud computing 2. Amazon.coms services represent the largest pure Infrastructure as a Service (IAAS)3. EC2 is a Platform as a Service (PaaS) market **C**
- A 1 only B 1 and 2
C 2 only D 1,2 and 3
- 132.** Which of the following is a batch processing application? **C**
- A IBM sMash B IBM WebSphere Application Server
C Condor D Windows Media Serve
- 133.** Forensic auditing can sometimes be referred to as _____ **C**
- A BMC Cloud Computing Initiative B Amazon Cloud Watch
C AbiCloud D IBM sMash
- 134.** Which of the following provides commands for defining logic using conditional statements? **B**
- A XML B WS-BPEL
C JSON D SCDL
- 135.** Which of the following is used to define the service component that performs the service? **B**
- A WSDL B SCDL
C XML D HTML
- 136.** Which of the following statement is wrong about Amazon S3? 1. Amazon S3 is highly reliable 2. Amazon S3 provides large quantities of reliable storage that is highly protected3. Amazon S3 is highly available **D**
- A Only 1 B Both 1 and 2
C Both 3 and 4 D Only 3
- 137.** Point out the wrong statement? 1. The metrics obtained by CloudWatch may be used to enable a feature called Auto Scaling.2. Amazon Machine Instances are sized at various levels and rented on a computing/hour basis. **A**
- A 1- True and 2-True B 1- False and 2-True
C 1- True and 2-False D 1- False and 2-False
- 138.** Which of the following is used for Web site monitoring and analytics? A. Gomez B. Ganglia C. Elasta **D**
- A 1 and 2 B 1,2 and 3
C 1 and 3 D Only1

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029. _____ network is characterized by a random graph. A
A Unstructuredoverlay B structuredoverlay
C DistributedOverlay D HeterogeneousOverlay
030. Which overlay Network Routing mechanisms are developed B
A Unstructuredoverlay B structuredoverlay
C DistributedOverlay D HeterogeneousOverlay
031. which is not a type of overlay network D
A unstructured B structured
C structuredand unstructured D heterogeneous
032. _____ networks follow certain connectivity topology and rules for inserting and removing nodes (peer IDs) from the overlay graph. B
A Unstructuredoverlay B structuredoverlay
C DistributedOverlay D HeterogeneousOverlay
033. Internet clouds offer _____ types of deployment modes D
A One B Three
C two D four
034. CPU speed performance measured in _____ A
A MIPS B Mbps
C Dbps D CIPS
035. network bandwidth performance measured in _____ B
A MIPS B Mbps
C Dbps D CIPS
036. System throughput is often measured in _____ A
A MIPS B Mbps
C Dbps D CIPS
037. _____ model includes middleware, databases, development tools, and some runtime support such as Web 2.0 and Java. C
A Infrastructure as a Service B Cluster as a Service
C Software as a Service D Platform as a Service
038. _____ model platform includes both hardware and software integrated with specific programming interfaces. B
A Infrastructure as a Service B Platform as a Service
C Software as a Service D Cluster as a Service
039. _____ model puts together infrastructures demanded by usersnamely servers, storage, networks, and the data center fabric. A
A Infrastructure as a Service B Platform as a Service
C Software as a Service D Cluster as a Service
040. _____ model enables the user to deploy user-built applications onto a virtualized cloud platform B
A Infrastructure as a Service B Platform as a Service
C Software as a Service D Cluster as a Service

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053. _____ is a computer architecture technology by which multiple virtual machines (VMs) are multiplexed in the same hardware machine.

 - A Clusterization
 - B Simulation
 - C Virtualization
 - D ĐI àj± á> bý byyy

performance and supports unmodified guest OSes.

- A Microsoft Hyper-V
- B KVM
- C VMware ESX
- D Xen

059. _____ virtualization needs to modify the guest operating systems B
- A Full
 - B Para
 - C Partial
 - D Half
060. _____ is a microkernel hypervisor D
- A Microsoft Hyper-V
 - B VBOX
 - C VMware ESX
 - D Xen
061. Virtualization at the _____ virtualizes an application as a VM. A
- A Application Level
 - B Operating System
 - C Library Support Level
 - D Hardware-level
062. Virtualization with _____ is possible by controlling the communication link between applications and the rest of a system through API hooks. C
- A User-Application Level
 - B Operating System Level
 - C Library Support Level
 - D Hardware-level
063. _____ virtualization is performed right on top of the bare hardware D
- A User-Application Level
 - B Operating System Level
 - C Library Support Level
 - D Hardware-level
064. _____ Virtualization creates isolated containers on a single physical server and the OS instances to utilize the hardware and software in data centers. B
- A User-Application Level
 - B Operating System Level
 - C Library Support Level
 - D Hardware-level
065. The size of the hypervisor code of a monolithic hypervisor is _____ A
- A greater than that of a micro-kernel hypervisor
 - B equal to that of a micro-kernel hypervisor
 - C 100GB
 - D Smaller than that of a micro-kernel hypervisor
066. _____ Server supports Para-Virtualization in cloud environment. C
- A Microsoft Hyper-V
 - B VBOX
 - C VMware ESX
 - D Xen
067. To support virtualization, processors such as the x86 employ a special running mode and instructions, known as _____ A
- A hardware-assisted virtualization
 - B software-assisted virtualization
 - C vmware-assisted virtualization
 - D firmware-assisted virtualization
068. KVM Full form: _____ B
- A Korn based Virtual Machine
 - B Kernel-based Virtual Machine
 - C Keplam-based Virtual Machine
 - D Kent-based Virtual Machine
069. _____ includes only the basic and unchanging functions such as physical memory management and processor scheduling. A
- A micro-kernel hypervisor
 - B monolithic hypervisor
 - C super-kernel hypervisor
 - D Core -kernel
070. _____ is an open source hypervisor program developed by Cambridge University. B
- A Microsoft Hyper-V
 - B Xen
 - C VBOX
 - D VMware ESX
071. The hypervisor provides _____ for the guest OSes and applications C
- A Function Call
 - B Call back call
 - C Hyper call
 - D Main call
072. The size of the hypervisor code of a micro-kernel hypervisor is _____ D
- A greater than that of a monolithic hypervisor
 - B equal to that of a monolithic hypervisor
 - C 10GB
 - D Smaller than that of a monolithic hypervisor

073. _____ are interconnected logically by a virtual network across several physical networks **B**
 A physical cluster B virtual cluster
 C software cluster D ordinary cluster
074. _____ means that huge volumes of hardware, software, and database resources **A**
 A Data-center automation B Hardware automation
 C Software automation D Grid automation
075. data centers can be allocated data _____ **A**
 A Dynamically B Statically
 C Stationary. D constantly
076. In data centers, a large number of _____ workloads can run on servers at various times **C**
 A Homogenous B Instantaneous
 C Heterogeneous D Meterogeneous
077. VMM Instructions runs in _____ **A**
 A Supervisor mode B user mode
 C Non Supervisor mode D Hardware mode
078. A _____ is a collection of servers interconnected by a physical network such as a LAN. **A**
 A physical cluster B virtual cluster
 C software cluster D ordinary cluster
079. _____ can support hardware-assisted virtualization and paravirtualization **B**
 A Microsoft Hyper-V B KVM
 C V Mware ESX D Xen
080. A CPU architecture is virtualizable if it supports the ability to run the VMs privileged and unprivileged instructions in the CPUs _____ **B**
 A Supervisor mode B user mode
 C Non Supervisor mode D Hardware mode
081. A _____ is based on the flow of network traffic which cant detect fake actions. **B**
 A host-based IDS B network-based IDS
 C route based IDS D Gateway based IDS
082. A _____ can be implemented on the monitored system **A**
 A host-based IDS B network-based IDS
 C route based IDS D Gateway based IDS
083. _____ can isolate guest VMs on the same hardware platform. **D**
 A host-based IDS B network-based IDS
 C route based IDS D Virtualization based IDS
084. A _____ is a purposely defective system that simulates an operating system to cheat and monitor the actions of an attacker **C**
 A host-based IDS B network-based IDS
 C Honeypot D Virtualization based IDS
085. High-performance computing is an example _____ of workload in data centers **D**
 A Chattyworkloads B interactive workloads
 C Puttyworkloads D Noninteractive workloads
086. web video service is an example _____ of workload in data centers **A**
 A Chattyworkloads B interactive workloads
 C Puttyworkloads D Noninteractive workloads
087. _____ may burst at some point and return to a silent state at some other point. A **A**
 A Chattyworkloads B Noninteractive workloads
 C Puttyworkloads D Interactive workloads
088. _____ do not require peoples efforts to make progress after they are **B**

- submitted
- | | |
|-------------------|----------------------------|
| A Chattyworkloads | B Noninteractive workloads |
| C Puttyworkloads | D Interactive workloads |
- 089.** Which is not a Eucalyptus resource managers D
- | | |
|--------------------|----------------------|
| A Instance Manager | B Group Manager |
| C Cloud Manager | D Middleware Manager |
- 090.** _____ Eucalyptus resource manager controls the execution, inspection, and terminating of VM instances on the host where it runs. A
- | | |
|--------------------|----------------------|
| A Instance Manager | B Group Manager |
| C Cloud Manager | D Middleware Manager |
- 091.** _____ Eucalyptus resource manager gathers information about and schedules VM execution on specific instance managers, as well as manages virtual instance network. B
- | | |
|--------------------|----------------------|
| A Instance Manager | B Group Manager |
| C Cloud Manager | D Middleware Manager |
- 092.** _____ Eucalyptus resource manager is the entry-point into the cloud for users and administrators C
- | | |
|--------------------|----------------------|
| A Instance Manager | B Group Manager |
| C Cloud Manager | D Middleware Manager |
- 093.** Xen, KVM Hypervisors not Used VMWare Platform _____ D
- | | |
|---------------|--------------|
| A Open Nebula | B Eucalyptus |
| C Nimbus | D vSphere 4 |
- 094.** Management of VM, host, virtual network, and scheduling tools resource defined VMWare Platform _____ A
- | | |
|---------------|--------------|
| A Open Nebula | B Eucalyptus |
| C Nimbus | D vSphere 4 |
- 095.** VM creation, virtual cluster resource defined VMWare Platform _____ C
- | | |
|---------------|--------------|
| A Open Nebula | B Eucalyptus |
| C Nimbus | D vSphere 4 |
- 096.** vSphere 4 _____ Hypervisors Used C
- | | |
|------------------------|-------|
| A Microsoft Hyper-V | B KVM |
| C VMware ESX, ESXi Xen | D |
- 097.** _____, in the context of virtual machines, is the process of moving a virtual machine from one host server or storage location to another A
- | | |
|---------------------|----------------------|
| A Migration service | B Mitigation service |
| C Microsoft service | D Managed service |
- 098.** _____ can be defined as the movement of a virtual machine from one physical host to another while being powered on. B
- | | |
|-----------------|------------------|
| A Ken migration | B Live migration |
| C Hot migration | D Cold Migration |
- 099.** _____ migration used for load balancing in which work is shared among computers in order to optimize the utilization of available CPU resources. D
- | | |
|------------------|------------------|
| A Ken migration | B Hot migration |
| C Cold Migration | D Live migration |
- 100.** _____ is the migration of a powered-off virtual machine. C
- | | |
|------------------|------------------|
| A Ken migration | B Hot migration |
| C Cold Migration | D Live migration |
- 101.** _____ is a virtual cluster management system for dynamic allocation of servers from a computing pool to multiple virtual clusters C
- | | |
|------------------|----------|
| A Cellular Disco | B INRIA |
| C COD | D VIOLIN |
- 102.** _____ virtual cluster management of live VM migration to reconfigure a virtual cluster environment D
- | | |
|------------------|---------|
| A Cellular Disco | B INRIA |
|------------------|---------|

- C COD D VIOLIN
103. _____ is a virtual cluster built in a shared-memory multiprocessor system. A
 A Cellular Disco B INRIA
 C COD D VIOLIN
- 104.** _____ is a virtual cluster was built to test parallel algorithm performance B
 A Cellular Disco B INRIA
 C COD D VIOLIN
- 105.** _____ have different behaviors depending on the configuration of resources, A
 including the load and store operations over the virtual memory
 A Behavior-sensitive instructions B privileged instructions
 C control sensitive instructions D virtualized instructions
- 106.** Which one is not a critical instructions type in CPU Virtualization D
 A Behavior-sensitive instructions B privileged instructions
 C control sensitive instructions D unprivileged instructions
- 107.** A _____ is built over the Internet and can be accessed by any user who has B
 paid for the service.
 A Private clouds B public cloud
 C hybrid cloud D Virtual Cloud
- 108.** A _____ is built within the domain of an intranet owned by a single organization. A
 A Private clouds B public cloud
 C hybrid cloud D Virtual Cloud
- 109.** Which is not a core component of a Xen system D
 A hypervisor, B kernel,
 C applications D Network
- 110.** Xen provides a virtual environment located between the _____ A
 A hardware and the OS B Network and the OS
 C hardware and the Network D Kernel and the OS
- 111.** With _____ migration, you have the option of moving the associated disks from D
 one data store to another
 A Ken migration B Hot migration
 C Live migration D Cold Migration
- 112.** _____ can be defined as the abstraction of the four computing resources A
 (storage, processing power, memory, and network or I/O).
 A Virtualization B Abstractization
 C Clusterization D Parallisem
- 113.** _____ cloud to achieve customization and offer higher efficiency, resiliency, security, A
 and privacy.
 A Private clouds B public cloud
 C hybrid cloud D Virtual Cloud
- 114.** Google App Engine (GAE) is a _____ cloud B
 A Private B public
 C hybrid D Standalone
- 115.** _____ cloud delivers a selected set of business processes over continent. D
 A Private B hybrid
 C Standalone D public
- 116.** Amazon Web Services (AWS) is a _____ cloud provider B
 A Private B public
 C hybrid D Standalone
- 117.** _____ is supposed to deliver more efficient and convenient cloud services D
 A public cloud B hybrid cloud
 C VirtualCloud D Private clouds
- 118.** _____ operate in the middle, with many compromises in terms of resource sharing. B
 A public clouds B hybrid clouds
 C VirtualClouds D Private clouds

119. A _____ is built with both public and private clouds,
A Private clouds B public cloud
C hybrid cloud D Virtual Cloud

120. _____ give local users a flexible and agile private infrastructure to run service workloads within their administrative domains
A Private clouds B public cloud
C hybrid cloud D Virtual Cloud

121. Microsoft Azure is a _____ cloud provider
A Private B public
C hybrid D Standalone

122. The services provided over the cloud can be generally categorized into _____ different service models
A One B Two
C Three D four

123. PaaS Full form _____
A Platform as a Service B Planet as a Service
C Program as a Service D Provider as a Service

124. SaaS Full form _____
A Security as a Service B Super as a service
C Simple as a Service D Software as a Service

125. high-throughput computing (HTC) paradigm _____
A grid computing B cloud Computing
C cluster computing D utility computing

126. _____ computing leverages dynamic resources to deliver large numbers of services to end users.
A grid computing B utility computing
C cloud Computing D cluster computing

127. _____ leverage the use of many computers in parallel to solve problems of any size
A grid computing B cloud Computing
C cluster computing D utility computing

128. _____ Computing resources as a service with the notion of pay per use.
A grid computing B cloud Computing
C cluster computing D utility computing

129. The best example of SaaS service is _____
A CRM software from Salesforce.com B Google App Engine(GAE)
C Amazon Webservice(AWS) D Microsoft Azure

130. Google App Engine(GAE) is an examples of _____
A IaaS B PaaS
C SaaS D CaaS

131. In GAE Architecture _____ Component is used for distributed application lock services.
A Google File System (GFS) B MapReduce
C BigTable D Chubby

132. In GAE Architecture _____ offers a storage service for accessing structured data.
A Google File System (GFS) B MapReduce
C BigTable D Chubby

133. _____ service Model to be able to develop, deploy, and manage the execution of applications using provisioned resources demands a cloud platform with the proper software environment.
A IaaS B PaaS
C SaaS D CaaS

134. _____ service Model refers to browser-initiated application software over thousands of cloud customers
A IaaS B PaaS
C SaaS D CaaS

- | | | | |
|-------------|--|---|--------------------------------|
| A | IaaS | B | PaaS |
| C | SaaS | D | CaaS |
| 135. | IaaS Full form _____ | | |
| A | Internet as a Service | B | Infrastructure as a service |
| C | IoT as a Service | D | Ion as a Service |
| 136. | Which one is a Hardware service Model | | |
| A | IaaS | B | PaaS |
| C | SaaS | D | CaaS |
| 137. | _____ Functional Modules of GAE is used platform for scalable web programming and execution. It supports two development languages: Python and Java. | | |
| A | application runtime environment | B | software development kit (SDK) |
| C | administration console | D | GAEweb service infrastructure |
| 138. | _____ Functional Modules of GAE is used for local application development. This allows users to execute test runs of local applications and upload application code. | | |
| B | application runtime environment | B | software development kit (SDK) |
| C | administration console | D | GAEweb service infrastructure |
| 139. | Which one is not a Google pioneered cloud services in GAE Applications | | |
| D | Gmail | B | Google Docs |
| C | Google Earth | D | RDS |
| 140. | _____ provides the object-oriented storage service for users in AWS | | |
| B | SQS | B | S3 |
| C | EBS | D | EC2 |
| 141. | _____ Functional Modules of GAE is used for easy management of user application development cycles, instead of for physical resource management | | |
| C | application runtime environment | B | software development kit (SDK) |
| C | administration console | D | GAEweb service infrastructure |
| 142. | _____ Functional Modules of GAE is used provides special interfaces to guarantee flexible use and management of storage and network resources by GAE. | | |
| D | application runtime environment | B | software development kit (SDK) |
| C | administration console | D | GAEweb service infrastructure |
| 143. | In GAE Architecture _____ is used for storing large amounts of data | | |
| A | Google File System (GFS) | B | MapReduce |
| C | BigTable | D | Chubby |
| 144. | Which is not a Functional Modules of GAE | | |
| D | application runtime environment | B | software development kit (SDK) |
| C | administration console | D | Client Console |
| 145. | _____ provides customers with visibility into resource utilization, operational performance, and overall demand patterns, including metrics such as CPU utilization, disk reads and writes, and network traffic. | | |
| B | S3 | B | Cloud Watch |
| C | EC2 | D | SQS |
| 146. | AWS Offerings Storage Service Area is _____ | | |
| A | S3 | B | EBS |
| C | EC2 | D | SQS |
| 147. | .NET service is a _____ service | | |
| D | CRM software from Salesforce.com | B | Google App Engine(GAE) |
| C | Amazon Webservice(AWS) | D | Microsoft Azure |
| 148. | The Azure platform applies the standard web communication protocols are _____ | | |
| A | SOAP and REST | B | SOAP and HTTP |
| C | HTTP and REST | D | WSDL and SOAP and REST |
| 149. | _____ provides to ensure a reliable message service between two processes | | |
| D | S3 | B | EBS |
| C | EC2 | D | SQS |
| 150. | EC2 instances provider | | |
| C | | | |

A Google
C Amazon

B Microsoft
D IBM

151. _____ provides the block storage interface which can be used to support traditional applications

A SQS
C EBS

B S3
D EC2

152. EBS Full Form _____

A Elastic Block Service
C Exclusive Block Service

B Extended Block Service
D External Block Service

153. Manjrasoft _____ a system for cloud computing used

A Open Nebula
C Eucalyptus,

B Aneka
D Nimbus

154. Which one is not a major cloud programming paradigms

A Twister
C Linkedin

B Dryad
D Pig Latin

155. Which one is not a PUBLIC CLOUD PLATFORMS

A GAE
C AZURE

B AWS
D ANEKA

156. _____ provides an environment for running virtual servers on demand

A EC2
C EBS

B S3
D RDS

157. _____ Service provided by Azure for Users can visit Microsoft Live applications and apply the data involved across multiple machines concurrently.

A SQL Azure
C Dynamic CRM service

B SharePoint service
D Live service

158. For building private clouds. _____ system was suggested

A Eco System
C Enlarge System

B Enterprise system
D Pro System

159. _____ Service provide by Azure is a scalable and manageable platform for users to develop their special business applications in upgraded web services

A SQL Azure
C Dynamic CRM service

B SharePoint service
D Live service

160. _____ Service provided by Azure function makes it easier for users to visit and use the relational database associated with the SQL server in the cloud.

A SQL Azure
C Dynamic CRM service

B SharePoint service
D Live service

C

A

B

C

D

A

A

B

A