

# **DUMPSINFO** Question & Answer

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**Exam : H13-511\_V5.0-ENU**

**Title : HCIA-Cloud Computing  
V5.0**

**Version : V9.02**

1. Which of the following descriptions about the functions of the CNA module in Huawei FusionCompute is wrong?

- A. Provide virtual computing capabilities
- B. Dynamic adjustment of resources in the management cluster
- C. Manage computing, storage, and network resources on computing nodes
- D. Manage virtual machines on compute nodes

**Answer: C**

2. Which of the following descriptions about virtualization-related concepts is wrong?

- A. Guest Machine: virtual machine
- B. Guest OS: virtual machine operating system
- C. Host Machine: machine
- D. Host OS: virtualization software layer

**Answer: D**

3. Which of the following descriptions about Huawei FusionCompute HA is wrong?

- A. The system periodically checks the status of the virtual machine. When the failure of the CNA host causes the failure of the virtual machine, the system can migrate the virtual machine to other CNA hosts in the cluster and restart it to ensure that the virtual machine can recover quickly.
- B. If the data of the virtual machine is saved in the shared storage, the unsaved data will not be lost when a failure occurs
- C. The administrator can set different HA policies according to the importance of the virtual machine.
- D. This function supports automatic restart after a virtual machine failure

**Answer: A**

4. In which of the following scenarios, the core instructions issued by the operating system can be directly sent to the underlying hardware?

- A. CPU full virtualization scenario
- B. CPU Paravirtualization Scenario
- C. Hardware Assisted Virtualization Scenarios
- D. Non-virtualized scenarios

**Answer: D**

5. Which of the following options is the correct sequence for making a complete template for Huawei Desktop Cloud?

- A. Create a bare virtual machine>install the operating system>configure the operating system>encapsulate the template>convert the virtual machine into a template>configure the template
- B. Create a bare virtual machine > install the operating system > configure the operating system > join the domain > encapsulate the template > convert the virtual machine to a template > configure the template
- C. Create a bare virtual machine > install the operating system > join the domain > configure the operating system > package the template > convert the virtual machine to a template > configure the template

D. Create a bare virtual machine > install the operating system > configure the operating system > encapsulate the template > join the domain > convert the virtual machine to a template > configure the template

**Answer: A**

6. Which of the following descriptions about cloud computing is wrong?

- A. Support users to use multiple devices to use cloud resources through the network
- B. Using the software-defined method, the data fault tolerance is not high
- C. It has the characteristics of on-demand self-service and meterable services
- D. The bottom layer can use virtualization technology to improve resource utilization

**Answer: B**

7. Which of the following descriptions about Libvirt components is wrong?

- A. Both KVM and Xen can call the api provided by Libvirt to manage the virtualization platform
- B. Libvirt is a set of library functions that are called by other technologies to manage the virtual machine on the machine
- C. Libvirt provides programming interfaces in multiple languages. You can directly call the external interface provided by Libvirt to operate the virtual machine through programming.
- D. Libvirt is a closed source project, it is a very powerful management tool

**Answer: D**

8. Which of the following descriptions about centralized storage and distributed storage is wrong?

- A. Distributed storage system is to disperse and store data on multiple independent devices. When reading data, it needs to read data on multiple devices at the same time, so it will affect the rate of data reading
- B. Centralized storage can be divided into SAN/FINAS storage according to the technical architecture, and SAN storage can be divided into FC-SAN and IP-SAN
- C. The biggest feature of centralized storage is that the deployment structure is simple, and RAID technology can also be used to ensure data security and reliability
- D. The distributed network storage system adopts a scalable system structure and uses multiple storage servers to share the storage load. It not only improves the reliability, availability and access efficiency of the system, but is also easy to expand

**Answer: A**

9. Which of the following is not an optional function item in the step of creating a template in FusionAccess Tindows Installer?

- A. Enable the firewall configuration function
- B. Install Personalized Data Management
- C. Enable third-party Gina certification
- D. Turn on Logout Restore

**Answer: D**

10. Which of the following descriptions about OpenStack is wrong?

- A. The underlying virtualization resources are managed through the coordination of various component services, and the usage is flexible
- B. OpenStack is an open source cloud platform operating system
- C. Virtualization resources can be allocated and scheduled according to user needs, and allocated to different businesses and applications
- D. OpenStack can independently implement resource access and abstraction without relying on the underlying virtualization software

**Answer: D**

11. Two virtual machines belonging to the same network segment in the same host cannot communicate with each other. Which of the following is not a possible cause of the failure?

- A. The network card of the virtual machine is faulty
- B. Virtual machine firewalls deny access to each other
- C. Virtual machines are isolated through security groups
- D. Two virtual machine NICs join the same port group

**Answer: D**

12. During the implementation of the FusionAccess gateway and load balancing deployment solution, after configuring vAG/MLB, it is found that the HA status is abnormal. Which of the following options is the cause of this failure?

- A. The administrator changed the root password of HDC
- B. The administrator changed the gandalf password of vAG/vLB
- C. The administrator changed the ITA portal login password
- D. The administrator changed the root password of vAG/vLB

**Answer: A**

13. To create a template in FusionAccess desktop cloud, which of the following accounts must be filled in as the temporary account when installing the Windows operating system?

- A. Private Account
- B. safeAccount
- C. AreaAccount
- D. LocalAccount

**Answer: D**

14. Which of the following descriptions about the virtual network card is wrong?

- A. The virtual network card has its own MAC address
- B. From a network point of view, the function of the virtual network card is similar to that of the physical network card
- C. The virtual network card has its own IP address
- D. A virtual machine can only have one virtual network card at the same time

**Answer: D**

15. Which of the following does not belong to Huawei's VLAN interface type?

- A. Tunnel

- B. Trunk
- C. Hybrid
- D. Access

**Answer: D**

16. Which of the following descriptions about IP routing is wrong?

- A. Include the next MAC address
- B. Can be dynamically generated
- C. Include the outgoing interface name
- D. Can be manually configured

**Answer: A**

17. Which of the following computer hardware is not a necessary group or part for a server?

- A. Monitor
- B. Power supply and fan module
- C. hard disk
- D. CPU

**Answer: A**

18. In Huawei FusionCompute, which one is correct about the description of "role"?

- A. A "role" can have one or more different "operating permissions"
- B. If a "user" has multiple "roles", its "operating authority" depends on the "role" with the highest priority
- C. The "operation authority" of the "role" cannot be modified
- D. A "user" can only have one "role"

**Answer: A**

19. Regarding the description of HDP display technology, which of the following wrong options?

- A. Use lossless compression for unnatural images
- B. Can automatically identify unnatural images such as text, Windows frames, lines, etc. in the entire image
- C. Only supports Huawei-specific self-developed image compression algorithms
- D. Lossy compression of natural images such as photos and pictures with an appropriate compression rate

**Answer: C**

20. FusionCompute consists of two parts: CNA and VRM. Which of the following is not a function of CNA?

- A. Manage computing, storage, and network resources on computing nodes
- B. Manage virtual machines on compute nodes
- C. Manage network resources (IP/VLAN) in the cluster and assign IP addresses to virtual machines
- D. Provide virtual computing capabilities

**Answer: C**

21. Which of the following descriptions about non-uniform memory architecture NUMA is wrong? ()

- A. Solve scalability problems in multiprocessor systems
- B. Load balancing needs to consider Node correlation in the scheduling process
- C. The CPU accesses the memory of other Nodes faster than the local memory
- D. Divide CPU, memory and /O resources into different Nodes

**Answer: C**

22. Which of the following descriptions about memory multiplexing technology is correct?

- A. If the memory usage of the user virtual machine is relatively high, it can be optimized by increasing the memory reuse ratio
- B. Turn on the memory multiplexing technology, which can increase the number of virtual machines deployed on the physical host to a certain extent
- C. Enable memory multiplexing technology, the higher the multiplexing ratio, the better the performance of the virtual machine
- D. The total memory of all virtual machines created by the user with memory reuse technology must be smaller than the physical memory

**Answer: B**

23. Which of the following descriptions about the development of cloud computing architecture is wrong?

- A. Resource pools move from small-scale resource virtualization integration to larger-scale resource pool construction
- B. Cloud platform and cloud management software from closed source and closed to open source and open
- C. From non-critical applications to enterprise-critical applications
- D. Data form from unstructured and semi-structured to structured

**Answer: D**

24. Which of the following descriptions about KVM is correct?

- A. KVM is a hardware-assisted virtualization
- B. KVM is a closed-source virtualization technology
- C. KVM is a virtual machine on Linux.
- D. KVM uses front-end and back-end architectures to realize virtualization

**Answer: D**

25. Which of the following descriptions about Hypervisor is correct?

- A. Hypervisor is equal to virtual batching, with Hypervisor, virtualization can be realized
- B. The Hypervisor implements the isolation between the operating system and applications and the hardware layer
- C. Hypervisor is an operating system in host virtualization
- D. Hypervisor runs in non-Root mode in hardware-assisted virtualization

**Answer: B**

26. Which of the following descriptions about the function of OvS (Open vSwitch) is wrong?

- A. Divide the LAN
- B. Build the tunnel

- C. Hardware monitoring
- D. Analog Routing

**Answer: D**

27. Which of the following descriptions about RAID is wrong?

- A. RAID 6 ensures the reliability of user data through mirroring
- B. RAID 5 guarantees the reliability of user data through parity check
- C. RAID 0 improves storage read and write performance through striping
- D. RAID 1 guarantees the reliability of user data through mirroring

**Answer: A**

28. A company has deployed its business on the FusionCompute platform. In order to optimize the memory access performance of the virtual machine, which of the following virtual machine features should be used?

- A. NUMA
- B. Resource hot addition
- C. Template deployment
- D. Snapshot

**Answer: A**

29. Which of the following can achieve load balancing among different hosts in the FusionCompute cluster?

- A. DPM
- B. IMC.
- C. CHA
- D. DRS

**Answer: D**

30. In the early stage of enterprise operation, two physical hosts are used to deploy the FusionCompute platform to carry services. The two hosts are in the same cluster. Virtual machine 1 runs on host A, and virtual machine 2 runs on host B. The business needs to reduce the load on host A. The technician wants to migrate virtual machine 1 on host A to host B, but finds that the migration cannot be completed. Which of the following is the possible reason?

- A. The cluster has enabled the IMC policy
- B. The cluster has enabled memory multiplexing
- C. Virtual machine 2 is set to bind with host B
- D. Virtual machine 1 and virtual machine 2 have set mutually exclusive virtual machine policies

**Answer: D**

31. Which of the following is not a characteristic of 5G?

- A. Broad connection
- B. Speed
- C. low cost
- D. Low latency



**Answer: C**

32. Which of the following descriptions about KVM is wrong?

- A. KVM is a kernel-based virtual machine that runs on the Linux operating system
- B. KVM supports hardware-assisted virtualization
- C. KVM needs the DomianO virtual machine to schedule hardware resources
- D. The KVM virtual machine exists as a process on the operating system

**Answer: C**

33. Which of the following cloud computing operation models is most suitable for small Internet of Things enterprises?

- A. Hybrid cloud
- B. Private cloud
- C. Community cloud
- D. Public cloud

**Answer: A**

34. Which of the following descriptions about DVs is wrong?

- A. Support QoS function
- B. Support VLAN function
- C. Does not support web services
- D. Does not support the OpenFlow protocol

**Answer: D**

35. Which of the following descriptions about namespace in Linux virtual network is wrong?

- A. Multiple namespaces can be created in a Host
- B. A device can only be located in one namespace
- C. From a purely network perspective, namespacei can provide an independent network protocol money
- D. Different namespaces are isolated from each other and cannot communicate

**Answer: D**

36. Due to business development, a company needs to expand the disk capacity of some business virtual machines, but finds that several disks do not support capacity expansion. Which of the following is not a possible cause of the failure?

- A. The disk is a shared disk
- B. The disk is a differential disk
- C. The virtual machine is in the "Stopped" state
- D. The virtual machine is in maintenance mode

**Answer: C**

37. A bank now needs to purchase batches of hard disks to store some key data in daily operations. Which of the following hard disks is the most suitable?

- A. SSD disk
- B. SATA disk

- C. SAS disk
- D. NL-SAS disk

**Answer: A**

38. A company is migrating its business system to the FusionCompute virtualization platform, and the management plane and business plane are on different network segments. However, due to incorrect configuration, a Linux virtual machine cannot run normally after migration.

Which of the following methods can an engineer not log in to a faulty virtual machine for troubleshooting?

- A. Log in to the normal virtual trigger on the same network segment and then jump to the faulty virtual machine
- B. Log in to the CNA operating system of the node and jump to the faulty virtual machine
- C. Log in to the virtual machine with VNC on the FusionCompute platform
- D. Use putty to remotely log in to the virtual machine

**Answer: D**

39. Which of the following does not belong to the interface type of VLAN?

- A. Trunk
- B. Hybrid
- C. Tunnel
- D. Access

**Answer: C**

40. Which item is wrong with the description of FusionCompute distributed virtual machine switch port group?

- A. Port group supports special configuration of IP and MAC binding to improve security
- B. Virtual machine NICs connected to the same port group have the same network attributes
- C. A distributed switch can only create one port group in each computing node
- D. Port groups are a mechanism for setting policies that are used to manage networks connected to port groups

**Answer: C**

41. Which of the following is a typical application scenario of NAT technology?

- A. The company intranet virtual machine accesses the intranet application
- B. Internet access to the company's internal Web application server
- C. The administrator logs in to the intranet virtual machine through the virtualization platform
- D. The same - mutual access of virtual machines in the network

**Answer: B**

42. Which of the following descriptions about distributed storage is wrong?

- A. Distributed storage has no controller enclosure and disk enclosure. All hard disk storage resources come from general servers.
- B. The equipment used in distributed storage is generally an ordinary server rather than a storage device
- C. Distributed storage has good scalability
- D. Distributed storage uses RAID technology to ensure high availability and security of data

**Answer: D**

43. Which of the following is not a common operating system file system?

- A. EXT4
- B. NTFS
- C. WNFS
- D. FAT32

**Answer: C**

44. Which of the following is a common virtual machine disk file format?

- A. VHD
- B. RAW
- C. VMDK
- D. VDI

**Answer: B**

45. Which of the following descriptions about distributed virtual switches is wrong?

- A. Each virtual machine has only one VNC connection
- B. For the convenience of management, port groups are used to manage a group of ports with the same attributes
- C. Multiple distributed switches can be configured in the cluster
- D. Each distributed switch has multiple distributed virtual ports

**Answer: A**

46. Which of the following descriptions about the technology used for virtual machine live migration is correct?

- A. Iterative Migration
- B. Forward Migration
- C. Memory sharing
- D. mirror double write

**Answer: A**

47. Which of the following is not a virtualization platform?

- A. KVM
- B. OpenStack
- C. EXSi
- D. XEN

**Answer: B**

48. Which of the following descriptions about cloud computing is correct?

- A. Cloud computing is a technology that enables convenient and on-demand access to resources anytime, anywhere
- B. Various IT resources in cloud computing need to be paid to use
- C. IT resources obtained in cloud computing need to be used through the network

D. In the process of obtaining IT resources, users need to repeatedly negotiate with cloud computing service providers

**Answer: A**

49. Which of the following descriptions about clusters, hosts, and virtual machines in Huawei FusionCompute is incorrect?

- A. Hosts can move between clusters
- B. Virtual machines can be moved across clusters
- C. Whether multiple hosts belong to the same cluster depends on whether they use the same shared storage
- D. A cluster is composed of multiple hosts and their associated storage and network resources

**Answer: C**

50. In Huawei FusionCompute, the data storage type that does not support disk expansion is ()

- A. Fusion storage
- B. NAS storage
- C. Virtualized SAN storage
- D. Non-virtualized local disk

**Answer: D**

51. When installing Huawei FusionCompute, which storage is recommended to deploy the VRM?

- A. Local disk
- B. SAN
- C. FC SAN
- D. NAS

**Answer: A**

52. If a virtual machine on a physical host fails, it will not affect other virtual machines on the physical host. Which feature of virtualization technology does this belong to?

- A. to be independent
- B. Zoning
- C. to isolate
- D. Encapsulation

**Answer: C**

53. Which of the following descriptions about ISCS and Fiber Channel is incorrect?

- A. From the perspective of the transport layer, the transmission of Fiber Channel adopts the FC protocol, and the ISCSI adopts the TCP/IP protocol.
- B. The transmission distance of FC is farther than that of TCP/P
- C. ISCSI runs on Ethernet based on TCP/IP protocol and can be combined with existing Ethernet
- D. The FC protocol is completely heterogeneous with the existing Ethernet, and the compatibility is relatively poor

**Answer: B**

54. Which of the following process of establishing a file system on a disk is usually called?

- A. Formatting
- B. Encapsulation
- C. Partition
- D. RAID

**Answer: A**

55. When configuring IP SAN for the host, it is usually necessary to configure () for the host on the storage device so that the host and IPSAN can be mapped.

- A. iSCSI Client
- B. iSCSI Target
- C. iSCSI Server
- D. iSCSI Initiator

**Answer: D**

56. FC is a standardized protocol based on the () protocol and the SCSI instruction set, and is widely used in many storage networks that use the () architecture.

- A. TCP/IP FC SAN
- B. FC, IP SAN
- C. FC, FC SAN
- D. TCP/IP SAN

**Answer: D**

57. The port configuration of a Huawei switch is as follows: `interface GigabitEthernet 1/0/24`  
`port link-type access`  
`port default vlan 16` According to the above configuration, which of the following description is correct?

- A. This port only allows data frames containing VLAN16 tags to pass through
- B. This port will add a VLAN16 tag to the data frame that will pass through
- C. The port will not perform any operations on the passing data
- D. The port will strip off the VLAN16 label in the passing data frame and forward it

**Answer: D**

58. Which of the following is the correct description of the main purpose of enabling the NUMA function?

- A. Maximize the computing power of the physical host CPU
- B. Maximize the reuse rate of physical machine memory
- C. Optimize the memory access performance of the virtual machine
- D. Maximize the computing power of the vCPU of the virtual machine

**Answer: C**

59. In Huawei FusionCompute, which of the following descriptions of memory reuse is incorrect?

- A. After memory multiplexing is turned off, the sum of the memory of all virtual machines is less than or equal to the sum of the actual available physical memory
- B. Turning off memory reuse requires that the memory reuse rate of all hosts in the cluster be less than or equal to 100%
- C. The use of memory reuse will degrade the performance of the virtual machine

D. The administrator can turn on or off the memory reuse function at any time

**Answer: C**

60. Which of the following descriptions about CPU resource QoS and memory resource QoS is incorrect?

A. CPU share and CPU reservation only play a role when each virtual machine competes for computing resources

B. Memory resource QoS is used to ensure that business-critical virtual machines can get enough memory resources

C. The CPU QOS of the virtual machine is used to ensure that the computing resources of the virtual machine are allocated reasonably

D. The memory resource QoS can only be used after the memory multiplexing switch is turned on

**Answer: D**

61. In Huawei FusionCompute, it is necessary to modify a certain disk of the virtual machine. Which of the following operations can be realized?

A. Change the disk's mode from "slave" to "standalone persistent"

B. Change the configuration mode of the disk from "thin" to "normal"

C. Modify the capacity of the disk from 80GB to 8GB

D. Change the status of the disk from Available to Unavailable

**Answer: A**

62. The KVM virtualization architecture includes modules, QEMU and Libvirt.

Which of the following descriptions about these modules is incorrect?

A. Libvirt+QEMU can constitute a virtualization solution

B. The KVM module is mainly responsible for the creation of vCPU and the allocation of virtual memory

C. QEMU is mainly responsible for /O operation simulation

D. KVM+QEMU can constitute a virtualization solution

**Answer: A**

63. In Huawei FusionCompute, which of the following operations can take effect immediately?

A. Install Tools

B. Disk capacity reduction

C. Directly read and write to the newly bound disk

D. Delete network card

**Answer: D**

64. In Huawei FusionCompute, which function needs to be enabled to enable virtual machines to migrate between CNA hosts with different CPU models?

A. Cluster IMC strategy

B. Cluster HANA optimization

C. Set/0 ring adaptation

D. Cluster Guest NUMAB policy

**Answer: A**

65. In Huawei FusionComputer, which of the following descriptions about raw device mapping is incorrect?

- A. A data storage using raw device mapping can only correspond to one LUN on the SAN storage
- B. The operating system is recommended to be installed on a disk that uses the raw device mapping function
- C. Disk performance using raw device mapping is the best
- D. A data store that uses raw device mapping can only correspond to one disk

**Answer: B**

66. In Huawei FusionComputer, perform virtual machine change host live migration operation, which of the following descriptions does not belong to its restrictions?

- A. The destination host cannot be in maintenance mode
- B. The virtual machine cannot use "raw device type data storage"
- C. Do not mount "shared" type disks
- D. The status of the virtual machine must be "running"

**Answer: C**

67. In Huawei FusionCompute, which of the following descriptions of IMC functions is incorrect?

- A. When the CPU models of the CNA hosts in the cluster are inconsistent, it is recommended to enable the IMC function
- B. IMC only supports migration from a lower version CPU feature set to a higher version
- C. It is recommended to enable the IMC function when the main frequency of the memory of the CNA hosts in the cluster is inconsistent
- D. Turning on IMC does not ensure the successful migration of virtual machines between hosts with different CPU models, which needs to be determined according to the actual scenario

**Answer: C**

68. In Huawei FusionCompute, what is the function of the uplink?

- A. Assign an IP address to the virtual machine
- B. Connect virtual and physical networks
- C. Management virtual machine MAC address
- D. Detect the status of the virtual network card

**Answer: B**

69. Which of the following RAID levels has the weakest data redundancy capability?

- A. RAID 1
- B. RAID 6
- C. RAID 0
- D. RAID5

**Answer: C**

70. Which of the following is not included in the architecture of NAS?

- A. Volume Management Module

- B. Status check module
- C. File system
- D. Network interface

**Answer: B**

71. For archives and other scenes that need to store a large amount of data information for a long time and do not read frequently, it is recommended to choose which type of disk?

- A. SAS disk
- B. NL-SAS disk
- C. SATA disk
- D. SSD disk

**Answer: C**

72. In RAID5 and RAID6, the number of disks that are allowed to fail is?

- A.3,2
- B.2,1
- C.1,2
- D.23

**Answer: C**

73. In Huawei Fusion Computer, it is found that the IP address of a Windows virtual machine is 0.0.0.0. The possible reason is?

- A. The virtual machine does not have Tools installed
- B. The IP address of the virtual machine is manually set to 0.0.0.0
- C. The IP address of the virtual machine is set manually
- D. The IP address of the virtual machine is assigned by DHCP

**Answer: A**

74. In actual work, which function can VLAN realize?

- A. After the virtual machines in the two departments use different VLANs, they can no longer communicate with each other.
- B. Virtual machines belonging to different VLANs can use the same IP address without address conflict
- C. Virtual machines belonging to the same VLAN must use IP addresses in the same address segment, otherwise they cannot communicate normally
- D. Virtual machines belonging to the same VLAN can use IP addresses in different address segments, and can use broadcast to discover each other

**Answer: C**

75. Which of the following technologies or devices cannot isolate broadcasting?

- A. Router
- B. Firewall
- C. Hub
- D. VLAN

**Answer: C**



76. If the virtual machine wants to communicate with other virtual machines, which of the following operation necessary?

- A. The physical server where the virtual machine is located needs to be networked
- B. one network card needs to be added to the virtual machine
- C. Port binding needs to be configured on the physical server
- D. Port binding is necessary to configure on the physical switch

**Answer: B**

77. In Huawei Fusion Computer, which of the following descriptions about virtual machine snapshot restoration is incorrect?

- A. If a certain disk mode of the virtual machine is "independent persistent or independent non-persistent", the data on the disk will not be restored when the virtual machine is restored using a snapshot
- B. If the virtual machine deletes the port group where the virtual machine NIC is located after the snapshot is created, the deleted port group will also be restored when the snapshot is used to restore the virtual machine
- C. A virtual machine can have multiple snapshots
- D. Use the existing snapshot of the virtual machine to restore the data of the virtual machine to the state when the snapshot was created

**Answer: B**

78. To create a new disk in Huawei Fusion Computer, which of the following operations is incorrect?

- A. Set the disk mode to "independent-non-persistent", and change the raw device mapping to "support
- B. Set the configuration mode of the disk to "thin", and set the disk mode to "independent"
- C. Set the configuration mode of the disk to "thin" and set the disk mode to "independent persistent"
- D. Set the disk type to "normal" and set the disk type to "independent-non-persistent"

**Answer: A**

79. In Huawei Fusion Computerr, which of the following descriptions about hot migration is incorrect?

- A. Use memory data fast copy and shared storage technology during virtual machine live migration to ensure that data remains unchanged before and after virtual machine migration
- B. Hot migration includes virtual machine hot migration and disk hot migration
- C. The types of virtual machine live migration are divided into changing the host, changing the data storage, and changing the host and data storage
- D. Storage live migration can only be migrated within the same storage device under storage virtualization management

**Answer: D**

80. which of the following scenarios that are not suitable for increasing the memory reuse ratio are?

- A. While ensuring performance, the user requires a single host to deploy the maximum number of virtual machines
- B. Low virtual machine memory utilization
- C. The memory reuse rate has reached 150% in commercial scenarios

D. Reduce customer hardware procurement costs

**Answer: C**

81. Artificial intelligence is a new technical science that studies and develops theories, methods, technologies and application systems used to simulate and expand artificial intelligence. Which of the following statements about artificial intelligence is wrong?

A. Artificial intelligence does not have the active creativity that human consciousness possesses

B. AI is an unconscious mechanical physical process

C. Artificial intelligence is a technology in which items are connected to each other through the network for information interaction

D. AI is not social

**Answer: C**

82. Which of the following does not belong to the 4V characteristics of big data?

A. Value

B. Valid

C. Varitey

D. Volume

**Answer: B**

83. In Huawei Fusion Computer, when the administrator checks the disk status, he finds that ""actual usage" is less than "capacity". The reason for this phenomenon is?

A. The disk mode is "Slave

B. Disk status is "unavailable"

C. The disk mode is "thin"

D. The disk type is shared"

**Answer: C**

84. When creating a port group in Huawei Fusion Computerr, which of the following operations is wrong?

A. Set the VLAN ID to 5000

B. Add this to the description and add "This is a test port"

C. Set the port type to "Normal"

D. Set the name of the port group to ceshi

**Answer: A**

85. Which of the following descriptions about Huawei virtual switches is correct?

A. The Huawei virtual machine switch is the open source Open vswitch

B. If a Huawei distributed switch has multiple virtual ports, each port has its own attributes

C. Huawei virtual switches are divided into standard virtual switches and distributed virtual switches

D. The virtual switching function of the smart network card is also provided by the Huawei virtual switch

**Answer: B**

86. In Huawei Fusion Computer, which of the following measurement factors for computing resource scheduling is wrong?

- A. When set to "Memory", the scheduling policy is triggered when the memory condition is met
- B. When set to "CPU", the scheduling policy is triggered when the CPU condition is met
- C. When "CPU and memory" is set, the scheduling policy is triggered only when the CPU and memory conditions are met
- D. When set to "CPU and Memory", the scheduling policy is triggered when the CPU or memory condition is met

**Answer: C**

87. An Internet company now needs to build a storage network. Considering factors such as storage performance redundancy, reliability, and price, which of the following networking is most suitable?

- A. IP SAN
- B. SAS SAN
- C. FCoE SAN
- D. FC SAN

**Answer: A**

88. Which of the following descriptions about the working principle of a Layer 2 switch is correct?

- A. Unicast forward all broadcast packets after receiving them
- B. Multicast sending after receiving the multicast message
- C. Routing and forwarding after receiving the unicast message
- D. After receiving broadcast, multicast and unknown unicast, it will be sent out from all other ports in the LAN

**Answer: D**

89. Which of the following descriptions about Linux network devices is correct?

- A. The tap device works on the third floor
- B. The tun device works on the second floor
- C. tun/tap does not send packets through user space programs but sends them to physical media
- D. tun/tap is simply site-to-site or ethernet devices receive packets not from devices in the house but from user space programs

**Answer: D**

90. Which of the following descriptions about memory virtualization under the KVM architecture is wrong?

- A. Maintain a memory shadow page table for each virtual machine
- B. Ability to use large page memory
- C. Can support NUMA architecture
- D. The data on the memory can be swapped to the memory swap partition

**Answer: A**

91. Which of the following descriptions about routers is wrong?

- A. The router can realize real-time path optimization of business data
- B. In network communication, the router has the function of judging the network address and selecting the P path

- C. A router is a hardware device that connects two or more networks
- D. The router stores and forwards packets between different networks

**Answer: A**

92. Which of the following descriptions about the storage architecture of FusionCompute is correct?

- A. The LUNs partitioned on the FusionStorage Block can be encapsulated as data storage
- B. After the storage resource is encapsulated into data storage and associated with the host, it is further created into several virtual disks for use by the virtual machine
- C. Storage resources are FusionCompute's unified encapsulation of storage units in storage resources (data storage)
- D. The physical storage medium that provides storage space for virtualization is called a storage device (storage resource)

**Answer: B**

93. Which of the following descriptions about memory bubbles is wrong?

- A. The virtualization layer can reclaim the physical memory temporarily unused by the virtual machine and allocate it to other virtual machines for use
- B. Multiple virtual machines can share the same memory space using data
- C. The operation of the memory bubble is automatically implemented by the virtualization layer, and the user level has no perception
- D. The total memory allocated for virtual machines on the server cannot exceed the total physical memory of the server

**Answer: B**

94. Which of the following does not need to add storage interfaces for hosts in the cluster when adding storage resources on FUSIONCompute?

- A. Fusion Storage
- B. FC SAN
- C. NAS
- D. IP SAN

**Answer: B**

95. Which of the following descriptions about distributed storage and multi-copy mechanism is wrong?

- A. Using data fragmentation to save data can avoid local hotspots and improve read and write speeds
- B. Use a server to deploy distributed storage with a large-capacity distributed cache
- C. Data multi-copy storage requires high storage space, and the deployment price is higher
- D. The system will save multiple data copies on the same server while ensuring strong data consistency

**Answer: D**

96. Which of the following descriptions about dynamic resource scheduling is wrong?

- A. There are two automatic scheduling modes and administrator manual operation mode for cluster automation
- B. When the two virtual machines are in the active/standby relationship, you can configure advanced rules for resource scheduling. Aggregate policies to run on different hosts to improve reliability

- C. The cluster dynamic resource scheduling function adopts the intelligent load balancing scheduling algorithm to periodically check the load status of the hosts in the cluster, and migrate virtual machines between different hosts, so as to achieve the purpose of load balancing among the hosts in the cluster
- D. Resource scheduling can be configured with different measurement factors, which can be scheduled according to CPU, memory or CPU and memory

**Answer: B**

97. Which of the following descriptions about the conditions for creating virtual machine snapshots is wrong?

- A. The storage type of the virtual machine disk is FusionStorage Block, virtualized local hard disk, virtualized SAN storage or ArLJ0urBENAS storage
- B. The available capacity of the data storage where the virtual machine is located is sufficient
- C. During the process of creating a snapshot, the disk expansion operation cannot be performed on the virtual machine
- D. There is no need to install Toos before creating a snapshot of the virtual machine

**Answer: D**

98. Which of the following descriptions about components in OpenStack is correct?

- A. Neutron is used to provide metering services
- B. Cinder is used to provide object storage services
- C. Nova is used to provide network services
- D. Heat is used to provide deployment orchestration services

**Answer: D**

99. Which of the following statements about cloud computing and virtualization is wrong?

- A. Virtualization is not the same as cloud computing
- B. Cloud computing is a service model that provides users with T services that can be obtained anytime and anywhere
- C. In order to provide cloud computing services, virtualization resources alone are not enough, such as cloud operating system, management software, etc.
- D. Cloud computing must be realized through virtualization technology

**Answer: D**

100. Which of the following descriptions about virtualization technology is correct?

- A. Hosted virtualization uses virtual containers to monitor virtual machines
- B. Partitioning, isolation, encapsulation, and independence are all features of virtualization
- C. Bare metal virtualization architecture and host virtualization will be the development trend of virtualization architecture in the future
- D. Virtualization is cloud computing

**Answer: B**

101. Which of the following descriptions about Layer 2 switches is correct?

- A. Data can only be received or sent at any time
- B. Each interface has a unique MAC address

- C. Support packet forwarding based on MAC address
- D. Support routing function

**Answer: C**

102. Which of the following statements about FusionCompute: security group is wrong?

- A. The security group only supports virtual machine NICs in normal kernel mode
- B. One NIC of a virtual machine can only be added to one security group
- C. All virtual machine NICs in the same security group will use the security group rules for network communication
- D. The security group rule is a configuration strategy based on the traffic blacklist

**Answer: D**

103. Which of the following descriptions about the FusionCompute: port group is wrong?

- A. Configurable IP and MAC address binding
- B. Configurable Routing
- C. Configurable sending burst size
- D. Configurable Broadcast Suppression

**Answer: B**

104. Which of the following descriptions about virtualized storage Thick LUN usage scenarios is wrong?

- A. Scenarios where storage space utilization is less sensitive
- B. Scenarios with low cost requirements
- C. Trades with high performance requirements
- D. Scenarios where it is difficult to estimate storage space in practical applications

**Answer: D**

105. Which of the following descriptions about the virtual machine disk mode in Huawei FusionCompute is incorrect?

- A. Disks whose mode is "Slave" cannot use snapshots to restore disk data
- B. A disk whose mode is independent-non-persistent will discard changes to the disk after the virtual machine is powered off
- C. A virtual machine has a system disk and a data disk. If the user wants to create a snapshot only for the system disk, he can set the system disk to "slave" and the data disk mode to "independent holding"
- D. A virtual machine has a system disk and a data disk. If the user wants to create a snapshot only for the system disk, he can set the system disk to "slave" and the data disk mode to "independent non-persistent".

**Answer: C**

106. Which of the following descriptions about the FusionCompute virtual machine disk is wrong?

- A. Under the premise that the capacity of the created disk is the same, the time required to create a common type disk is generally longer than that of a thin type disk
- B. When multiple virtual machines use the same shared disk, no application software is required to control access to the disk
- C. Common type disks allocate space for the disk according to the disk capacity, and thin type disks only

allocate part of the disk capacity configuration value for the first time

D. Ordinary disks can only be bound to a single virtual machine, and shared disks can be bound to multiple virtual machines.

**Answer: B**

107. Which of the following descriptions about virtual machine snapshots is wrong?

A. When the source file system is not modified, the virtual machine snapshot does not occupy additional storage space

B. Virtual machine snapshot data is independent and can be used by multiple applications

C. The virtual machine snapshot is the image of the virtual machine at a certain time

D. The virtual machine snapshot occupies a small space, and the size has nothing to do with the size of the virtual machine

**Answer: B**

108. Which of the following is not an advantage of cluster load balancing?

A. Manageability

B. High reliability

C. High complexity

D. high performance

**Answer: C**

109. Which of the following descriptions about the technical features of FusionCompute is wrong?

A. Support a variety of hardware devices

B. Adopt a variety of security measures to ensure business security

C. Has perfect authority management

D. Use virtualization management software to support all operating systems except Liux

**Answer: D**

110. Which of the following descriptions about the characteristics of load balancing is wrong?

A. Manageability: A lot of management work is concentrated on the equipment that should bear a relatively balanced technology: the equipment group or link group only needs regular configuration and maintenance

B. Transparency: For users, a cluster is equivalent to a device or link with high reliability and good performance. They cannot perceive and do not need to care about the specific network structure. Reducing devices or links will affect normal business

C. High-performance load balancing technology distributes business to multiple devices in a more balanced manner, improving the performance of the entire system

D. Reliability. The failure of multiple devices or links will not cause service interruption, which improves the reliability of the entire system

**Answer: B**

111. Among the following components, which one is used by Docker to realize resource isolation?

A. Aufs

B. Namespace

C. SELinux

D. Cgroup

**Answer: B**

112. Which of the following is the virtualization architecture shown?

A. Hosting virtualization

B. container

C. Operating system virtualization

D. Bare Metal Virtualization

**Answer: D**

113. Which of the following descriptions about the gateway is wrong?

A. The gateway simply transmits information without processing it

B. The gateway is used to realize the network interconnection between devices

C. The gateway repackages the received information to meet the needs of the destination system

D. The gateway can be used for both WAN interconnection and LAN interconnection

**Answer: A**

114. Which of the following is not a prerequisite for deleting a FusionCompute security group?

A. There are no security group rules in the security group

B. If no virtual machine is bound, it should be grouped

C. No virtual machine snapshot is bound to this security group

D. The virtual machines in the security group are powered off

**Answer: D**

115. Which of the following descriptions about Pool, LUN and Volume is wrong?

A. Pool is a container for storage space resources

B. LUN is a storage unit that can be directly mapped to the host for reading and writing

C. Volume is the internal management object of the storage system

D. Volume is the external embodiment of the LUN object

**Answer: D**

116. Which of the following networking is most suitable for redundancy, reliability, price and other factors?

A. IP SAN

B. SAS SAN

C. FCoE SAN

D. FC SAN

**Answer: D**

117. Which of the following descriptions about SAN and NAS storage types is wrong?

A. IP-SAN is the product of the combination of standard TCP/IP protocol and SCSI instruction set, and it is a way to realize block-level data storage based on IP network

B. NAS software can be divided into operating system, volume manager, file system, network file sharing



and Wb management according to the function

C. SAN is a network architecture composed of storage devices and various system components, including servers that use storage device resources, host bus adapter cards for connecting storage devices, and FC switches, etc.

D. NAS storage can be connected to the server through optical fibers to provide storage resources for the server

**Answer: D**

118. Which of the following descriptions about virtual machine cloning is wrong?

A. Using virtual machine cloning can quickly deploy a virtual machine

B. Using virtual machine cloning, the host name of the cloned virtual machine is the same as the source virtual machine

C. Using virtual machine cloning, the MAC address of the cloned virtual machine is the same as that of the source virtual machine

D. Using virtual machine cloning, the P address of the cloned virtual machine is the same as that of the source virtual machine

**Answer: C**

119. Which of the following descriptions about operating system instructions is wrong?

A. All sensitive instructions are privileged instructions

B. Sensitive instructions refer to instructions that modify the operating mode of the virtual machine or the state of the host

C. Ordinary instructions can run at the CPU ordinary privilege level

D. Privileged instructions refer to instructions used to operate and manage key system resources. These instructions can only be run at the highest privilege level.

**Answer: A**

120. Which of the following descriptions about the characteristics of virtualization is wrong?

A. Isolation, logical isolation between virtual machines, not affected by each other

B. Software and hardware are tightly coupled, virtualization depends on the underlying hardware, and compatibility issues need to be considered

C. Encapsulation, which encapsulates the virtual machine into a file and saves it on the physical device

D. Partitioning, the virtualization layer divides resources separately for each virtual machine

**Answer: B**

121. Which of the following descriptions about bare metal virtualization is correct?

A. The application can run directly on the VMM

B. The application can run directly on the Host OS

C. Hypervisor can run directly on physical hardware

D. The virtual machine can run directly on the Host OS

**Answer: C**

122. Which of the following descriptions about the time synchronization mechanism in the cluster is wrong?

- A. Keeping the virtual machine time synchronized can avoid abnormal operation
- B. During the backup process, the time between the hosts can not be synchronized
- C. You can set the clock source outside the host to control the time of the virtual machine
- D. When setting the virtual machine time synchronization host, the time will be affected by the host time adjustment

**Answer: B**

123. In FusionCompute, which of the following descriptions about security groups is wrong?

- A. A network card of a virtual machine can only be added to one security group
- B. The security group supports virtual machine NICs in SRIOV pass-through mode
- C. The security group does not support virtual machine NICs in user mode
- D. The security group supports virtual machine NICs in normal kernel mode

**Answer: B**

124. Which of the following descriptions about virtual switches in FusionCompute is correct?

- A. Each interface of the virtual switch corresponds to a physical network port
- B. Each interface of the virtual switch can be configured with an IP address
- C. The virtual switch can allow the virtual machine to access the corresponding VLAN by configuring the port group
- D. Each virtual switch can be configured with multiple uplinks on a single server

**Answer: C**

125. Which of the following does not belong to the mode that Linux will increase after installing the KVM module?

- A. Client mode
- B. User Mode
- C. Interrupt mode
- D. Kernel mode

**Answer: C**

126. Which of the following cannot be managed by the libvirt tool?

- A. Xen
- B. Hyper-v
- C. openstack
- D. KVM

**Answer: C**

127. Which of the following descriptions about the characteristics of virtualization is wrong?

- A. Independence: The combination of software and hardware and virtualization depend on the underlying hardware, and compatibility issues need to be considered
- B. Isolation: Logical isolation between virtual machines is not affected by each other
- C. Partition: Each virtual machine divides resources separately
- D. Encapsulation: Encapsulate the virtual machine into a file and save it on the physical device

**Answer: A**

128. There are three levels in the computing virtualization architecture, which of the following does not belong to the three levels of the host?

- A. hypervisor
- B. Dockerwning
- C. Guest Machine
- D. Host machino

**Answer: B**

129. Which of the following descriptions about storage virtualization is correct? (Multiple choice)

- A. Storage virtualization refers to adding a logical layer to the storage device, and users access or adjust storage resources through the logical layer to improve storage utilization.
- B. The advantage of storage virtualization based on storage devices is that it does not occupy host resources and has rich data management functions
- C. It is difficult to implement host-based storage virtualization, and the cost of equipment is high
- D. Storage virtualization is to abstract storage devices into data storage. Virtual machines are stored in directories as a group of files in data storage. Data storage is a logical container, similar to a file system. It hides the characteristics of each storage device. and provide a unified model for storing virtual machine files

**Answer: ABD**

130. Which of the following descriptions about Layer 3 switches and routers is wrong? (Multiple choice)

- A. After receiving the broadcast message, the port of the layer-3 switch forwards it in the designated network, and the port of the router discards it after receiving the broadcast message
- B. The router supports the routing and forwarding function, but the Layer 3 switch does not support it
- C. Routers pay more attention to route calculation and forwarding table maintenance, and Layer 3 switches pay more attention to throughput and forwarding capabilities
- D. Layer 3 switches can process Layer 2 VLAN packets, but routers cannot

**Answer: BD**

131. In FusionAccess, which of the following descriptions about the rapid release of complete and fast packaged virtual machines is wrong? (Multiple choice)

- A. Full virtual machines are provisioned faster than fast-encapsulated virtual machines
- B. The full virtual machine supports shutdown restore function
- C. Quickly encapsulated virtual machines are faster than full virtual machines
- D. Quickly encapsulate the virtual machine to support shutdown and restore function

**Answer: AD**

132. Regarding the difference between user groups and organizational units OU, which of the following descriptions are correct? (Multiple choice)

- A. Both OU and user groups can configure group policies
- B. The OU can contain object types such as accounts, computers, printers, and shared folders
- C. The user group can only contain account-one object type
- D. OU and user groups are both objects of AD

**Answer:** BCD

133. Which of the following commands can be used to view ordinary files in the Linux system? (Multiple choice)

- A. Cat
- B. More
- C. Vim
- D. Less

**Answer:** ABC

134. In FusionAccess, which of the following descriptions about making a complete template packaging system and packaging system tool Sysprep is correct? (Multiple choice)

- A. Package system tool Sysprep can reset Windows product activation
- B. Package system tool Sysprep can remove system specific information from installed Windows image
- C. The packaging system can shorten the system installation time by N times, and the installation system can be completed in minutes
- D. The packaging system does not support adding the software you need into the system

**Answer:** ABC

135. Which of the following descriptions about VIMS is correct? (Multiple choice)

- A. Through VIMS, FusionCompute manages virtual machine images in the form of files
- B. VIMS is Huawei's high-performance cluster file system
- C. VIMS provides non-virtualized storage
- D. VIMS uses a distributed lock mechanism to ensure the consistency of data read and write in the cluster

**Answer:** ABD

136. In FusionAccess, which of the following descriptions about linked clone virtual machines are correct? (Multiple choice)

- A. Linked clone virtual machines support rapid provisioning in batches
- B. The linked clone virtual machine logically combines the master disk and the differential disk into a linked clone disk, which is used as the virtual machine system disk
- C. Linked-clone desktop groups support "pooled" and "dedicated" types
- D. Linked clone virtual machine templates need to add domains, but do not need to encapsulate the system

**Answer:** ABD

137. In FusionAccess, which of the following descriptions about configuring virtual machine disk information when adding a complete virtual machine is correct? (Multiple choice)

- A. Additional virtual machines can add user disks, but the total number cannot exceed 20
- B. The user disk type of the added virtual machine only supports "compact mode"
- C. The system disk type of the added virtual machine only supports "normal mode"
- D. Adding a user disk will extend the release time

**Answer:** AD

138. In the following description about the installation of FusionAccess management components, what are the correct options? (Multiple choice)

- A. Network configuration is not required
- B. The management component is installed on the Linux virtual machine created by the virtualization platform
- C. When the service plane and the management plane are deployed together, for performance reasons, it is recommended to create a distributed switch separately to carry the traffic of the two planes
- D. Ensure that the virtualization platform has available resources before installation

**Answer:** BCD

139. Which of the following descriptions about the use of containers are correct? (Multiple choice)

- A. Used to build a microservice architecture
- B. Used to provide an operating environment that requires high isolation
- C. Cloud services for providing elasticity
- D. Used to provide a test environment for continuous integration

**Answer:** ACD

140. Which of the following descriptions about the virtual machine template format are correct? (Multiple choice)

- A. The virtual machine in ova format has only one ova file, and the description of the template format in ovf format, which items are correct
- B. The virtual machine templates supported by the fusioncompute virtualization platform are divided into two types: ova and ovf
- C. The ovf file is the description file of the virtual machine, and the file name is the file name set when exporting the template
- D. The vhd file is the disk file of the virtual machine, no matter how many disks the virtual machine has, only one vha file will be generated in the end

**Answer:** ABC

141. Which of the following are common virtual machine disk file formats? (Multiple choice)

- A. VDI
- B. CIFS
- C. VHD
- D. RAW

**Answer:** ACD

142. Which of the following are computing algorithms in the evolution of computer science? (Multiple choice)

- A. Function Compute
- B. Distributed Computing
- C. Parallel Computing
- D. Grid Computing

**Answer:** BCD

143. Which of the following descriptions about memory virtualization are wrong? (Multiple choice)

- A. The core of memory virtualization technology is to introduce a new layer of address space—client physical address space
- B. The virtual machine Guest OS needs to be responsible for mapping the customer's physical memory to the actual machine memory
- C. Hypervisor controls the mapping of virtual addresses to physical addresses in guest memory
- D. The memory address translation of memory virtualization involves three kinds of memory addresses, namely virtual machine memory address, physical memory address and machine memory address

**Answer:** BC

144. NAS type storage includes CIFS and NFS file systems. Which of the following descriptions about CIFS and NFS are correct? (Multiple choice)

- A. CIFS preserves file format characteristics
- B. NFS requires no additional software
- C. CIFS cannot perform error recovery
- D. CIFS is based on the network and requires high reliability

**Answer:** CD

145. Which of the following descriptions about data storage on the FusionCompute platform are correct? (Multiple choice)

- A. Can use virtualized storage
- B. Can use non-virtualized storage
- C. Data storage is a logical container similar to a file system
- D. LUNs on SAN storage cannot be encapsulated as data storage

**Answer:** ABC

146. Which of the following descriptions about distributed storage are correct? (Multiple choice)

- A. The distributed storage system uses a stateless distributed software head. The head is deployed on each server, breaking through the performance bottleneck of the centralized head
- B. Distributed storage systems generally support replacing HDDs with SSDs as high-speed storage devices. Replace GEVIOCE network with nfiniBand network to provide higher bandwidth
- C. Distributed storage can combine scattered and low-speed SATASAS mechanical hard disks into an efficient SANG-like storage pool device through an innovative architecture, providing higher I/O than SAN devices to maximize performance
- D. The distributed storage system realizes the integration of computing and storage, and the cache and bandwidth are evenly distributed on each server node

**Answer:** ABCD

147. Which of the following is correct about the advantages brought by enterprises using SAN storage instead of NAS storage? (Multiple choice)

- A. Better scalability, which facilitates subsequent business expansion
- B. Centralized network file access mechanism and sharing to solve independent working environments (this is the advantage of NAS)

- C. Storage uses block data processing to improve read and write efficiency
- D. Built-in optimized independent storage operating system (this is the advantage of NAS)

**Answer:** AC

148. Which of the following descriptions about FusionCompute port groups are correct? (Multiple choice)

- A. The port type can be configured as trunk
- B. Configurable DHCP isolation
- C. Configurable Traffic Shaping
- D. Configurable IP address

**Answer:** ABC

149. Which of the following nouns are related to network virtualization? (Multiple choice)

- A. NFV (Network Function Virtualization)
- B. SDN (Software-Defined Network)
- C. DVs (Open vSwitch)
- D. NUMA (Non-uniform Memory Access)

**Answer:** ABC

150. Which of the following descriptions about the SRIOVI pass-through mode in FusionCompute are correct? (Multiple choice)

- A. SRIOV enables network transmission to bypass the software simulation layer and assign it directly to the virtual machine
- B. The virtual network card in SRIOVI pass-through mode supports hot addition
- C. When creating a port group for a distributed virtual switch in SRIOV pass-through mode, you can select the trunk mode (Note: The port type in SRIOVI pass-through mode can only be ordinary)
- D. If the virtual machine uses the SRIOV pass-through virtual network card, the memory snapshot function cannot be used

**Answer:** AD

151. Which of the following descriptions about the working principle of a Layer 2 switch are correct? (Multiple choice)

- A. Layer 2 switches can improve network performance by maintaining the MAC table and forwarding according to the destination MAC table lookup
- B. Different broadcast domains such as interfaces effectively isolate broadcast domain conflicts in the network
- C. MAC entries in the switch will be permanently recorded
- D. Layer 2 switches forward data packets based on MAC addresses

**Answer:** ABD

152. Which of the following descriptions about VLAN technology is wrong? (Multiple choice)

- A. Trunk interface is usually used for connection between switches
- B. Accessi interface is usually used for connection between switches
- C. Trunk links allow packets of multiple VLANs to pass without tags
- D. The Hybrida interface cannot be used for the connection between the switch and the server

**Answer:** BCD

153. Which of the following descriptions about bare metal virtualization is correct? (Multiple choice)

- A. All virtual machines and virtual resources are managed and allocated by Hypervisor
- B. Metal virtualization, the Hypervisor directly invokes hardware resources without the underlying Host Os
- C. Virtual machines created on bare metal virtualization do not require a certain type of operating system
- D. Bare metal virtualization realizes that the kernel development of the virtualization layer is less difficult, and it is easier to implement than hardware virtualization

**Answer:** ABC

154. In FusionCompute, what are the ways to delete the virtual machine disk? (Multiple choice)

- A. Normal enrollment
- B. Regular Book Deletion
- C. Safe deletion
- D. Instant deletion

**Answer:** BC

155. Which of the following descriptions about network technology in physical networks are correct? (Multiple choice)

- A. VLAN is a communication technology that logically divides a physical LANF into multiple broadcast domains
- B. VLAN can solve the problem of communication between broadcast domains
- C. Broadcasting is a necessary condition before unicasting and cannot be prohibited
- D. Broadcast is only valid in the broadcast domain

**Answer:** ACD

156. Computing virtualization can be divided into bare metal virtualization and host virtualization. Which of the following layers does the layered architecture of bare metal virtualization include? (Multiple choice)

- A. Guest os
- B. Host os
- C. hardware
- D. VMM
- E.VM

**Answer:** ACDE

157. A company rents a building and carries out renovation and purchase of office supplies by itself. Meet the requirements that can be directly delivered to employees for office use. If you compare the deployment mode of cloud computing, which of the following items does the company's operations fall into? (Multiple choice)

- A. IaaS
- B. Paas
- C. SaaS
- D. Maas



**Answer: ABC**

158. Which of the following items belong to the difference between Virtio and QEMU? (Multiple choice)

- A. QEMU can support a wider range of hardware
- B. Virtio shortens the I/O request path
- C. The performance of QENU virtualization is more powerful
- D. Virtio requires fewer resources for simulation

**Answer: ABD**

159. FusionCompute, as a cloud operating system software, is a mandatory component of Huawei FusionSphere virtualization suite. Mainly responsible for the virtualization of hardware resources. and centralized management of resources. Which of the following types of resources can be managed by FusionCompute? ((Multiple choice)

- A. Business resources
- B. Simulation resources
- C. User Resources
- D physical resources

**Answer: ABC**

160. Which of the following descriptions about I/O virtualization are correct? (Multiple choice)

- A. Hardware-assisted virtualization installs the V/O device driver directly in the operating system of the given machine, and it can be used without any modification to the operating system.
- B. Both virtualization and paravirtualization I/O access processing need to be intervened by Hypervisor
- C. Paravirtualization simulates a virtual I/O device similar to a real device for a virtual machine through the Hypervisor. When the virtual machine initiates an I/O request to the I/O device, the Hypervisor obtains the 10 access requests issued by the virtual machine, and then the Hypervisor sends the real access request to the physical device for processing I/O
- D. The full virtualization method requires each virtual machine to run the front-end driver. When it needs to access the I/O device, the virtual machine sends the I/O request to the privileged virtual machine through the D front-end driver, and the back-end driver of the privileged virtual machine Collect each virtual machine. The I/O request issued. Then the back-end driver performs time-division and channel processing on multiple I/O requests

**Answer: AB**

161. The virtualization architecture can be divided into bare metal virtualization and host virtualization. Which of the following descriptions about bare metal virtualization is correct? (Multiple choice)

- A. Huawei FusionCompute belongs to bare metal virtualization
- B. Simple and easy to implement
- C. It is difficult to develop the virtualization layer kernel
- D. Installing and running applications depends on the support of the host operating system for the device, which has high management overhead and high performance loss

**Answer: AC**

162. Which of the following descriptions about routing are wrong? (Multiple choice)

- A. A route can present the complete path information to the destination of the route
- B. The function of routing is to guide Layer 2 forwarding
- C. The next hop address of the route must be the interface address of the next layer 3 device in the network
- D. Routing must be manually configured

**Answer:** ABD

163. Which of the following descriptions about the host gateway is correct? (Multiple choice)

- A. After configuring the gateway for the injection machine, the message sent by the host will be handed over to the gateway for forwarding
- B. After configuring the gateway for the injection machine, the host will generate a default route
- C. After configuring the gateway for the injection machine, the host will generate a route whose destination network segment is the network segment where the gateway is located
- D. After configuring five gateways for the injection machine, the next hop of the route generated by the host will point to the gateway address

**Answer:** BD

164. In the same FusionCompute cluster, which of the following network attributes will not be changed by virtual machine live migration? (Multiple choice)

- A. VLANs
- B. IP address
- C. MAC address
- D. Security group

**Answer:** ABCD

165. Which of the following items belong to the host network card binding mode supported by FusionCompute? (Multiple choice)

- A. Load balancing of source and destination MAC addresses
- B. Based on source and destination IP and port load balancing
- C. LACP of source and destination IP and port
- D. Polling-based load sharing

**Answer:** ABCD

166. Which of the following descriptions about network virtualization are correct? (Multiple choice)

- A. When the virtual machine communicates with the external network, the NAT gateway will convert the source IP address in the data packet into the address of the physical bridge, and generate a record, and forward the data packet to the corresponding virtual machine according to this record
- B. If the DVS port group type is normal, only one VLAN ID can be configured
- C. When running the multicast service, you only need to enable the IGMP Snooping switch on the DVS, and you don't need to enable the IGMP snooping function of the switch and the querier function of the device on the multicast channel
- D. A physical network card that supports SRIOV can virtualize multiple virtual network cards for use by virtual machines

**Answer:** ABD

167. In FusionCompute, which of the following virtual machine operations will affect the virtual machine migration scheduling in the dynamic resource scheduling DRS policy? (Multiple choice)

- A. Binding the USB device
- B. Bind the host
- C. Binding to co-ownership storage
- D. Binding GPU resources

**Answer:** ABD

168. Which of the following descriptions about the functions that OpenStack can provide is correct? ((Multiple choice)

- A. Resource allocation and scheduling
- B. Resource access and abstraction
- C. Application Lifecycle Management
- D. System Administration and Maintenance

**Answer:** ABCD

169. Which of the following items belong to the underlying virtualization core module provided for the processor in the KVM architecture? (Multiple choice)

- A. kvm.vm
- B. kvm.ko
- C. kvm-amd.ko
- D. kvm-intel.ko

**Answer:** BCD

170. Which of the following descriptions about the value that FusionCompute brings to the enterprise is correct? (Multiple choice)

- A. Improve resource utilization of data center infrastructure
- B. Doubly shorten the business launch cycle
- C. Reduce data center costs and increase data center energy consumption
- D. Utilize the high availability and strong recovery capabilities of virtualized infrastructure to realize rapid and automatic fault recovery of businesses

**Answer:** ABD

171. Which of the following items belong to the working mode of CPU in full virtualization? (Multiple choice)

- A. Binary rewriting
- B. Pure software simulation
- C. Modify the kernel
- D. Trapped and simulated

**Answer:** ABD

172. Set NUMA in Fusion Computer to improve the memory access performance of the virtual machine. Which of the following descriptions about setting NUMA architecture settings is correct? (Multiple choice)

- A. If the virtual machine NUMA architecture adjustment method needs to be set to automatic adjustment, the virtual machine should be bound to the host
- B. If the virtual machine NUMA architecture adjustment method needs to be manually adjusted, the virtual machine should be bound to the host
- C. After the virtual machine NUMA architecture automatic adjustment is enabled, the system will automatically calculate the virtual machine NUMA architecture topology information based on the virtual machine configuration, physical host NUMA configuration and other information
- D. When the virtual machine enables NUMA architecture adjustment, the adjustment method is subject to its own settings

**Answer:** BC

173. The distributed storage service layer is an important module of distributed storage. Which of the following items are correct about the distributed storage service layer? (Multiple choice)

- A. Provide snapshot function
- B. Provide thin provisioning function
- C. Provide SCS driver iscsi
- D. Provide disaster recovery backup function

**Answer:** ABCD

174. Which of the following items are wrong in the description of the IAAS model? (Multiple choice)

- A. Higher flexibility than other deployment modes
- B. Users need to install virtualization transparent connection for resource integration
- C. Compared with other deployment modes, the degree of automation is higher
- D. Users need to install upper-layer applications to carry services

**Answer:** AC

175. Which of the following descriptions about message types and message transmission methods are correct? (Multiple choice)

- A. Broadcast messages can be sent in unicast
- B. Unicast packets must be sent in unicast
- C. Broadcast messages must be sent by broadcast
- D. Unicast packets can be sent by broadcast

**Answer:** CD

176. In virtualization scenarios, server network cards often use port binding to improve link reliability. Which of the following descriptions about server port binding technology are correct? (Multiple choice)

- A. The bonded interface can be used as an ordinary Ethernet interface to implement various routing protocols and other services
- B. An interface that forwards data is called an active interface, and an interface that does not forward data is called an inactive interface
- C. When forwarding a message, the binding interface needs to copy multiple copies of the message to each member port to send out
- D. Setting the lower limit threshold of the number of active connections of the bound interface is to ensure the maximum bandwidth

**Answer: ABD**

177. NAT is a technology for converting source or destination IP addresses in a computing network. Which of the following descriptions about NAT is correct? (Multiple choice)

- A. Load balancing: NAT has the function of redirection. When the primary and secondary virtual machines of the same application are deployed, they can be converted to the same address and communicate with the outside through NAT, thus realizing load balancing of business access
- B. Use NAT technology to monitor the status of the virtual network card and the traffic passing through the virtual network card in real time
- C. The use of NAT technology can solve the problem of insufficient physical bridge network segment addresses
- D. Hiding the source address: When the virtual machine accesses the external network, the source IP address it receives is the IP address transformed by the NAT gateway, so the security of the internal virtual machine can be protected to a certain extent

**Answer: ACD**

178. The types of storage resources supported by Huawei Fusion Computer are? (Multiple choice)

- A. Fusion storage
- B. Advanced SAN
- C. NAS
- D. IP SAN
- E. FC SAN

**Answer: ABCDE**

179. Which of the following belongs to computing virtualization? (Multiple choice)

- A. Disk virtualization
- B. Memory virtualization
- C. CPU virtualization
- D. I/O virtualization
- E. Network virtualization

**Answer: BCD**

180. The virtual machine generally consists of virtual machine configuration information and disk files. Users can move the two files to realize that the virtual machine runs on different physical hosts. Which characteristics of cloud computing are reflected in the above description? (Multiple choice)

- A. Partition
- B. Isolation
- C. to be independent
- D. Encapsulation

**Answer: CD**

181. Setting the port group VLAN ID to 10 in Huawei Fusion Computer represents? (Multiple choice)

- A. De-tag the data frame with VLAN10 tag passing through the port group and forward it
- B. Change the tag of VLAN10 tagged data passing through the port group to VLAN D and then forward it

- C. Discard data frames with non-VLAN10 tags passing through the port group
- D. Label the data frame with VLAN10 tag on the data frame without VLAN tag through the port group and forward it

**Answer:** ACD

182. In Huawei Fusion Computer, after the computing resource scheduling automation function is enabled, the reason for the virtual machine migration may be? (Multiple choice)

- A. The windows virtual machine has a blue screen and the processing policy is HA virtual machine
- B. The application running on the virtual machine crashes
- C. The administrator manually migrates according to the system prompts
- D. The system automatically migrates according to the scheduling policy

**Answer:** ACD

183. The reason why computing virtualization technology can improve application reliability is? (Multiple choice)

- A. The virtual machine hosting the application is decoupled from the hardware, and the virtual machine can be used to migrate between multiple physical hosts
- B. Use computer virtualization technology to automatically assign virtual machines hosting applications to physical hosts with sufficient resources
- C. Use computing virtualization technology to enable multiple applications to run on a physical host at the same time
- D. Use computing virtualization technology to automatically adjust virtualization specifications

**Answer:** AB

184. In Fusion Computer, when adding shared storage for multiple hosts, which of the following operations is correct? (Multiple choice)

- A. Select all hosts when associating the storage device
- B. Check the corresponding host when adding data storage
- C. When the shared storage type is IP SAN, ensure that the storage network of the host and the service interface of the storage are connected
- D. All hosts need to be checked when initializing storage resources

**Answer:** BC

185. Which of the following description of the extensive network access characteristics of cloud computing is correct? (Multiple choice)

- A. Through the network, users can use self-purchased cloud computing resources through different terminals
- B. Through the network, users can use self-purchased cloud computing resources at any time
- C. Through the network, users can check the status of the cloud computing resources purchased by themselves at any time
- D. Through the network, users can use self-purchased cloud computing resources in different locations

**Answer:** ABCD

186. Which of the following descriptions about Virt-manager is correct? (Multiple choice)

- A. Virt-manager is a KM virtual machine management command set
- B. Virt-manager is an open source KM virtual machine management tool
- C. Virt-manager is a commercial KM virtual machine management tool
- D. Virt-manager is a KM virtual machine graphical management tool

**Answer:** BD

187. In Huawei Fusion Computer, after the virtual machine is bound to the USB device, which functions will be affected? ((Multiple choice)

- A. Virtual machine resource expansion
- B. Virtual machine restart
- C. Virtual machine live migration
- D. Cluster scheduling strategy

**Answer:** CD

188. In Huawei Fusion Computer, if a blue screen occurs on a Windows virtual machine, what operations can the system perform? (Multiple choice)

- A. HA virtual machine
- B. Restoring a virtual machine using a snapshot
- C. Restart the virtual machine
- D. Do not process

**Answer:** ACD

189. In Huawei Fusion Computer, DRS will perform virtual machine migration based on which of the following factors? (Multiple choice)

- A. memory
- B. I/O
- C. Network traffic
- D. CPU

**Answer:** AD

190. After deploying Huawei Fusion Computer using the unified tool, it will automatically create a cluster. What operations can the administrator perform on the cluster? (Multiple choice)

- A. Move to the specified cluster folder
- B. Modify the name.
- C. Add description information
- D. Export to local

**Answer:** ABC

191. Which of the following are the characteristics of Fusion Sphere? (Multiple choice)

- A. Application allocates resources on demand
- B. Widely compatible with various hardware and software
- C. Automated scheduling
- D. Rich operation and maintenance management

**Answer:** ABCD

192. When creating a port group in Fusion Computer, setting the VLAN ID to 10 represents which of the following statements? (Multiple choice)

- A. De-tag and forward packets with VLAN10 tags passing through this port group
- B. Label the packets with VLAN10 tags and forward them after passing through the port group without VLAN tags
- C. Discard packets with non-VLAN10 tags passing through this port group
- D. Change the tag to VLAN10 and forward the data packets with non-VLAN10 tags passing through this port group

**Answer:** ABC

193. Which of the following scenarios is virtualization suitable for? (Multiple choice)

- A. An enterprise requires a heavy-duty, intensive computing environment
- B. A scientific research institution uses a customized operating system to ensure the confidentiality of scientific research results
- C. There are ten business systems in a company whose host resource utilization rate is less than 20%.
- D. The desktop applications used by employees in a certain unit are highly similar

**Answer:** BCD

194. Which of the following options belong to the KVM architecture? (Multiple choice)

- A. ESXI
- B. QEMU
- C. Domain O
- D. Libvirt

**Answer:** BD

195. The operations that can be performed in Huawei FusionCompute are? (Multiple choice)

- A. Convert virtual machines of other virtualization platforms into virtual machines available to Fusion Compute
- B. Delete the virtual machine.
- C. Create a virtual machine
- D. Clone the virtual machine

**Answer:** BCD

196. In computing virtualization, what allocates CPU and memory to virtual machines is? (Multiple choice)

- A. Hostos
- B. Hypervisor
- C. VMM
- D. Guest OS

**Answer:** BC

197. Among the following descriptions, which one conforms to the characteristics of virtualization encapsulation? (Multiple choice)



- A. If a virtual machine has multiple hard disks, each hard disk will generate a corresponding disk file
- B. The configuration file of the virtual machine will contain information such as CPU type and quantity
- C. A virtual machine can be migrated from one physical host to another
- D. Multiple virtual machines can run on one physical host at the same time

**Answer: AB**

198. Which of the following descriptions of the role of Libvirt in KVM is correct? (Multiple choice)

- A. By calling the Libvirt interface, multiple programming languages can operate the KVM virtual machine
- B. Libvirt is an indispensable component of the KVM architecture
- C. Libvirt is one of KVM's management tools
- D. Libvirt is custom developed for KVM

**Answer: AC**

199. Which of the following descriptions about RAID is correct? (Multiple choice)

- A. RAID can be regarded as a storage space composed of two or more disks, and its available capacity is the sum of the capacities of each disk
- B. When a disk is damaged, other disks in RAID5 can still work normally, and disk I/O performance is not affected
- C. Compared with RAID5, RAID6 has stronger data recovery ability, but the read and write ability of the disk is reduced
- D. RAID is to improve the I/O performance of the storage system by concurrently reading and writing data on multiple disks

**Answer: CD**

200. The necessary conditions for a virtual machine to communicate with other virtual machines are? (Multiple choice)

- A. Configure the correct IP address for the virtual machine
- B. Configure the correct MAC address for the virtual machine
- C. Configure the gateway for the virtual machine
- D. Configure a fixed IP address for the machine

**Answer: AB**

201. Physical switches generally support which of the following methods for remote management? (Multiple choice)

- A. SSL
- B. SSH
- C. Telnet
- D. Web

**Answer: BCD**

202. In Huawei FusionCompute, which of the following descriptions of virtual machine HA is correct? (Multiple choice)

- A. As long as resources are reserved in the cluster, when a fault occurs, the virtual machine with attributes can be successfully rebuilt on other computing nodes

- B. When the system detects the blue screen of the virtual machine and the configuration processing strategy is HA, the system will select other normal computing nodes to rebuild the virtual machine
- C. After the HA function is enabled in the cluster, after the host fails, the virtual machine can be rebuilt on other hosts
- D. The virtual machine HA function can quickly restore business when a failure occurs

**Answer:** BCD

203. In Huawei FusionCompute, the function that disk thin provisioning can achieve is? (Multiple choice)

- A. Virtual storage thin provisioning has nothing to do with the operating system and hardware, so as long as the virtual image management system is used, disk thin provisioning can be realized
- B. Provide virtual disk space monitoring and recycling functions
- C. Recycling virtual machine disks in NTFS format is currently not supported
- D. Provide early warning of data storage capacity, you can set the threshold, and generate an alarm when the storage capacity exceeds the threshold

**Answer:** BCD

204. In Huawei FusionCompute, which one is correct about the method of logging in to the virtual machine? (Multiple choice)

- A. If the operating system of the virtual machine is Linux, the administrator can log in to the virtual machine through remote desktop
- B. The administrator can log in to the virtual machine with any operating system installed through NC
- C. If the operating system of the virtual machine is windows, the administrator can log in to the virtual machine through remote desktop
- D. The virtual machine does not have an IP address, and the administrator can also log in through VNC, so VNC gets rid of the dependence on the network

**Answer:** BC

205. Which of the following is correct about cloud computing deployment mode? (Multiple choice)

- A. Hybrid cloud is generally built by operators or cloud service providers, which combines the characteristics of public cloud and private cloud, and is sold or leased for public use
- B. Industry clouds generally have the characteristics of a certain industry, such as large private clouds or small public clouds
- C. Private clouds are generally deployed within the enterprise for use by internal employees
- D. Public clouds are generally built by operators or cloud service providers, and are sold or leased for public use

**Answer:** BCD

206. Which of the following descriptions can reflect the advantages of virtualization? (Multiple choice)

- A. After using virtualization, the CPU utilization of a physical host can be stabilized at about 65%.
- B. After using virtualization, multiple virtual machines can run simultaneously on a physical host
- C. After using virtualization, multiple applications can run simultaneously on the operating system of a physical host
- D. After using virtualization, virtual machines can be migrated between multiple hosts

**Answer:** ABD

207. After KVM uses Virtio, which of the following descriptions of the I/O forwarding process is correct? (Multiple choice)

- A. I/O requests need to be forwarded by the KVM module
- B. I/O requests are sent directly from the front-end driver to the back-end driver
- C. The forwarding efficiency of I/O requests will be improved
- D. I/O requests are no longer forwarded by QEMU

**Answer:** BC

208. Which of the following descriptions about KVM is correct? (Multiple choice)

- A. KVM is an open source virtualization technology
- B. KVM belongs to type II virtualization
- C. KVM belongs to type I virtualization
- D. KVM is a module in the Linux kernel

**Answer:** ABD

209. In Huawei FusionCompute, which of the following are the features supported by virtualized storage? (Multiple choice)

- A. Thin Provisioning
- B. Disk expansion
- C. Storage live migration
- D. Snapshot

**Answer:** ABCD

210. Which of the following are the common plug-in storage solutions? (Multiple choice)

- A. NAS
- B. SAN
- C. NFS
- D. DAS

**Answer:** AB

211. If two virtual machines can ping each other, which network device will be used in the communication process? (Multiple choice)

- A. Virtual network card
- B. Physical NIC
- C. Fabric Virtual Switch
- D. Physical switch

**Answer:** AC

212. Which of the following descriptions about security groups is correct? (Multiple choice)

- A. Create a virtual machine, and a security group will be generated at the same time
- B. A security group is a logical grouping
- C. Security groups, similar to firewalls, are used to set network access control for single or multiple virtual machines, which is an important means of security isolation

D. The object protected by the security group is the virtual machine

**Answer:** BCD

213.5G is a new generation of broadband mobile communication technology featuring high speed, low latency, and large connections. Compared with 4G networks, which of the following services can 5G better support? (Multiple choice)

- A. Virtual reality (VR)
- B. Autonomous driving
- C. 4K and 8K video
- D. Holograms

**Answer:** ABCD

214.CIFS (Common Internet File System) is a network connection-oriented sharing protocol, which requires high reliability of network transmission. Which of the following descriptions about CIFS is correct? (Multiple choice)

- A. CIFS supports multi-user access
- B. Through CIFS, users can access data on remote computers
- C. If CIFS is used for data access, users need to install special software locally
- D. If you use CIFS for file conversion, you can retain the format characteristics of the original file

**Answer:** AB

215.Docker is an open source application container engine. Which of the following are its internal components? (Multiple choice)

- A. Image file (Dockerfile)
- B. Mirroring (Image)
- C. Container
- D. Warehouse (Repository)

**Answer:** BCD

216. FusionCompute's DRS is dynamic resource scheduling. Which of the following descriptions about DRS is correct? (Multiple choice)

- A. DRS resource scheduling can be configured with different measurement factors, and can be scheduled according to CPU or memory
- B. When a virtual machine is bound to a USB device, DRS is invalid for the virtual machine
- C. When DRS migrates virtual machines between different hosts, it has no effect on users
- D. When the virtual machine is not compatible with the DRS destination host CPU, DRS will not automatically migrate

**Answer:** ABD

217. On FusionCompute, two virtual machines A and B belong to different network segments. When virtual machine A tries to communicate with B, which of the following descriptions is correct? (Multiple choice)

- A. If virtual machine A is configured with a default gateway, it must be able to communicate with host B through the default gateway

- B. If virtual machine A does not configure a default gateway and tries to communicate with B, the sent service packets will be discarded by the virtual switch
- C. If virtual machine A is configured with a default gateway and tries to communicate with B, there must be a message with a MAC address of all Fs sent from the virtual network card
- D. If virtual machine A does not configure a default gateway and tries to communicate with B, the service message cannot be sent

**Answer:** BD

218. FusionCompute consists of two parts: CNA and VRM. Which of the following are the functions of CNA? (Multiple choice)

- A. Manage block storage resources in the cluster
- B. Manage virtual machines on compute nodes
- C. Manage the computing and storage network resource ports on the computing nodes to manage the dynamic adjustment of resources in the cluster
- D. Provide virtual computing capabilities

**Answer:** BCD

219. FusionCompute: Which of the following types of DRS rules are supported for configuration? (Multiple choice)

- A. Aggregate virtual machines
- B. Host to VM
- C. Mutually exclusive virtual machines
- D. Virtual machine to host

**Answer:** ACD

220. The DVS in FusionCompute supports SRIOV pass-through mode. Which of the following descriptions about this feature are correct? (Multiple choice)

- A. It can accelerate the forwarding performance of the physical network-card
- B. Does not affect the virtual machine migration function
- C. Reduce the I/O overhead of the software simulation layer
- D. Satisfy business requirements with high bandwidth requirements such as web video on demand

**Answer:** ACD

221. The virtual machine in FusionCompute needs to communicate with the outside through a virtual switch. Which of the following descriptions about DVS is correct? (Multiple choice)

- A. DVs function like normal physical switches
- B. DVs only supports connecting virtual machines to realize system network intercommunication
- C. DVs support VLAN division
- D. DVS supports pure software virtual switching function based on open source OVS (Open vSwitch)

**Answer:** ACD

222. The KVM system includes multiple components. Which of the following are the core components of KVM? (Multiple choice)

- A. QEMU

- B. Management tools
- C. Portal
- D. KVM kernel module

**Answer:** AD

223. Which of the following advantages does the virtio technology used in KVM virtualization have? (Multiple choice)

- A. Using virtio can save hardware resources required for QEMU simulation
- B. Any device can use virti
- C. Using virtio can shorten the path of /O requests
- D. Can improve the performance of virtual devices

**Answer:** ACD

224. Which of the following network file sharing protocols does the NAS support? (Multiple choice)

- A. NTFS
- B. NFS
- C. CIFS
- D. FTP

**Answer:** AB

225.NL-SAS disk, the full name is "Near Line SAS", which of the following descriptions about NL-SAS disk is correct? (Multiple choice)

- A. The NL-SAS disk is a combination of the disk connection of SAs and the disk body of SATA
- B. NL-SAS disk has a rotation speed of up to 7200 rpm
- C. Compared with SATA hard disk, NL-SAS has obvious improvement in addressing and speed
- D. NL-SAS disk performance is better than SAS disk

**Answer:** ABC

226. Which of the following are the corresponding strategy for the blue screen of the virtual machine? (Multiple choice)

- A. HA virtual machine
- B. Delete the virtual machine
- C. Do not process
- D. Restart the virtual machine

**Answer:** ACD

227.SSD is a kind of disk that is commonly used now. Which of the following characteristics does it have? (Multiple choice)

- A. Long service life
- B. High energy consumption
- C. Fast read and write speed
- D. small size

**Answer:** CD

228. Both VRM and CNA have management functions. Which of the following are the functions of VRM? (Multiple choice)

- A. Unified management of virtual resources and user data, providing external services such as flexible computing, storage, and IP
- B. Maintenance personnel can connect to the third-party management platform through the unified API interface provided by Fusion Computer to operate and maintain the entire system
- C. Manage the life cycle of virtual machines in the cluster and the distribution and migration of virtual machines on computing nodes
- D. Manage network resources (IPML AN) in the cluster and assign IP addresses to virtual machines

**Answer:** ABCD

229. What are the types of storage virtualization? (Multiple choice)

- A. Application level virtualization
- B. Block-level simulation
- C. Page-level virtualization
- D. File-level virtualization

**Answer:** BD

230. Engineer A cannot scan the LUN on the storage device on the Linux host side. Which of the following reasons may be the cause? (Multiple choice)

- A. Multipathing software is not installed on the host side
- B. Storage pool failure
- C. Storage link failure
- D. The mapping relationship between the host and the LUN has not been established on the storage side

**Answer:** BCD

231. Which of the following are the correct description of the relationship between Host Machine and Guest Machine? (Multiple choice)

- A. After using virtualization technology, a Guest Machine can use the resources of multiple Host Machines at the same time
- B. After using virtualization technology, a Guest Machine can only run on the Host Machine that created it
- C. After using virtualization technology, a Host Machine can only run one Hypervisor
- D. After using virtualization technology, multiple Guest Machines can be run on one Host Machine.

**Answer:** CD

232. Which of the following are the usage scenarios of bare metal servers? (Multiple choice)

- A. High-performance computing scenarios such as supercomputing centers and gene sequencing
- B. Realize Internet elastic service load based on cloud native technology and reduce cloudization cost
- C. Financial, securities and other industries have compliance requirements for business deployment, and some customers have strict requirements for data security
- D. Certain key database services cannot be deployed on virtual machines, and must be hosted by physical servers with dedicated resources, network isolation, and guaranteed performance

**Answer:** ACD

233. Users want to directly access Huawei Cloud's ECS via the Internet. Which of the following services can meet this requirement? (Multiple choice)

- A. Elastic public IP
- B. VPN
- C. NAT gateway
- D. Virtual IP

**Answer:** ABC

234. Huawei Cloud supports the creation of bare metal servers based on cloud hard disks, that is, the system disk of bare metal servers is cloud hard disks. Which of the following items are the advantages of bare metal servers based on cloud hard disks? (Multiple choice)

- A. Congyuan hard disk starts, shortening the distribution time
- B. Support system disk migration to ensure service reliability
- C. Support image export, and reuse the configuration of the existing bare metal server to other machines
- D. Support the backup of the whole machine, and the data is more secure

**Answer:** AB

235. Which of the following operations can a user perform on a data disk image on HUAWEI CLOUD? (Multiple choice)

- A. Apply for a data disk
- B. Apply for a server
- C. Export image
- D. mirror image

**Answer:** AD

236. Which of the following are the advantages of cloud monitoring service CES? (Multiple choice)

- A. Raw sampling data is reported in real time, providing real-time monitoring of cloud services, triggering alarms in real time and notifying users
- B. The cloud monitoring service is automatically activated, and it is convenient to view the service running status and set alarm rules
- C. When the status of the cloud service triggers an alarm, the cloud monitoring service can automatically recover from the alarm through a pre-set mechanism
- D. By enabling the message notification service in the alarm rule, the user can know the business alarm information at the first time

**Answer:** ABCD

237. Virtualization is divided into computing virtualization, storage virtualization, and network virtualization, corresponding to cloud hosts, cloud hard disks, and cloud networks in cloud computing.

- A. True
- B. False

**Answer:** B



238. Cloud computing integrates hardware resources by means of software, and then dynamically allocates them to applications by means of software, which greatly improves the utilization rate of resources, and only storage resources can be elastically expanded.

- A. True
- B. False

**Answer: B**

239. The hard disk is a very important and indispensable part of a computer, used to save data for a long time.

- A. True
- B. False

**Answer: B**

240. The kernel is an essential part of the operating system, which is used to manage computer hardware resources and provide the system call interface required by the upper application program to run.

- A. True
- B. False

**Answer: B**

241. When deploying vLB components, vAG and vLB components are usually deployed on the same virtual machine, but vLB cannot be combined with WT components.

- A. True
- B. False

**Answer: A**

242. Compared with the linked clone virtual desktop, the full virtual desktop solution has the advantages of fast distribution of virtual desktops and the ability to restore data after the virtual machine is shut down or the physical machine is restarted.

- A. True
- B. False

**Answer: A**

243. A company runs its website business on the FusionCompute virtualization platform, but when there is a large number of visits during the peak business period, access to the website may freeze. It can be optimized by configuring cluster load balancing and virtual machine network Qos.

- A. True
- B. False

**Answer: A**

244. The reliability of Huawei's desktop cloud system solution is achieved through the reliability of management nodes and user connection reliability. Management node reliability is guaranteed from hardware reliability, operating system reliability, software process reliability, etc. User connection reliability is guaranteed from client disconnection reconnection, port anti-conflict, etc.

A. True

B. False

**Answer: A**

245. Desktop users in the same Huawei desktop cloud system can use different domains for authentication.

A. True

B. False

**Answer: B**

246. An enterprise uses the FusionAccess desktop cloud system for office work. The IT administrator can manage desktop services through the ITA Portal, such as distributing desktops and customizing policies, but cannot monitor the alarms of the corporate office desktop through the Portal.

A. True

B. False

**Answer: B**

247. In the Huawei desktop cloud system, only the allocated complete and linked clone virtual machines can be upgraded to VIP desktops.

A. True

B. False

**Answer: A**

248. In the Openstack solution, the Swift component is responsible for providing persistent block storage.

A. True

B. False

**Answer: A**

249. FusionCompute supports distributed virtual switches, which can provide virtual machines with independent network planes, but they cannot be isolated by VLANs like physical switches

A. True

B. False

**Answer: B**

250. A router is a network layer device in the OSI model, and is addressed according to an IP address.

A. True

B. False

**Answer: A**

251. A company plans to deploy business systems on Huawei FusionCompute, and the administrator configures cluster HA and application layer HA at the same time to improve the availability of the business system. If the host fails, the time required for business recovery is shorter and data loss is reduced.

A. True

B. False

**Answer: A**

252. A company's soft-tuning engineer deployed a business virtual machine on the Fusion Comput platform due to business deployment needs and configured it with a common type port group. At this time, the virtual machine can automatically connect to the VLAN defined by the port] group and automatically obtain an IP Address

A. True

B. False

**Answer: A**

253. A company plans to migrate its business system to the KVM virtualization platform, but its business system has higher requirements for I/O performance. In this scenario, you can consider using Virtic for simulation at the bottom layer.

A. True

B. False

**Answer: A**

254. An enterprise deployed the FusionCompute platform to carry services. One day, a technician wanted to expand the disk capacity of a business virtual machine, but found that the operation could not be performed on the interface. The reason may be that the disk mode is independent and non-persistent.

A. True

B. False

**Answer: B**

255. The core business of an enterprise does not use clustering on multiple virtual machines. Configuring HA policies for the virtual machines involved can improve the reliability of the business.

A. True

B. False

**Answer: A**

256. Mai, a technician from an enterprise, added storage to the fusion computer, and the NAS storage was successfully added, but failed when adding FC SAN as a storage resource. The reason may be that the configuration of the storage interface is wrong.

A. True

B. False

**Answer: A**

257. Memory multiplexing is a resource allocation scheme that increases the density of virtual machines on a single host, reduces costs, and sacrifices performance for density.

A. True

B. False

**Answer: A**

258. Memory swapping refers to using memory virtual or external storage for the virtual machine, storing temporarily unused data on the virtual machine on the external storage, and when the system is about to use these data, it is exchanged with the data reserved in the memory exchange.

- A. True
- B. False

**Answer: A**

259. Memory replacement refers to virtualizing the external storage into memory for the virtual machine to use, and storing temporarily unused data on the virtual machine to the external storage. When the system needs to use these data, it is exchanged with the data reserved in memory.

- A. True
- B. False

**Answer: A**

260. When using KM virtualization, enterprises can choose device simulation for I/O virtualization, which has good compatibility, no hardware dependence, and no need to modify the user's operating system, but the I/O performance will be relatively poor

- A. True
- B. False

**Answer: A**

261. Bridging refers to the process of forwarding network data packets based on the address of the network layer of the OSI network model, and works at the third layer of OSI.

- A. True
- B. False

**Answer: B**

262. Voice recognition, image recognition, and emotional escort robots are all applications of artificial intelligence.

- A. True
- B. False

**Answer: A**

263. Using Virtio for device simulation can shorten the path of I/O requests and improve the performance of virtualization.

- A. True
- B. False

**Answer: A**

264. After using Virtio, the network card rate of the Windows virtual machine is 10Gbps.

- A. True
- B. False

**Answer: A**

265. When using the same Windows template to quickly deploy virtual machines, the generated SIDs may be consistent. As a result, some special software will fail when installed.

- A. True
- B. False

**Answer: A**

266. Using virtualization technology, one physical server can be virtualized into multiple virtual machines, thereby improving the hardware performance of the physical server.

- A. True
- B. False

**Answer: B**

267. Using cloud computing SaaS services, users do not need to manually deploy the underlying environment and applications, but can directly obtain and use application services.

- A. True
- B. False

**Answer: A**

268. After adding a security group, you need to add corresponding rules in the security group before the virtual machine with the network card under the security group can communicate with the outside world

- A. True
- B. False

**Answer: A**

269. All RAID levels can enhance the fault tolerance of the system and improve the read and write performance of the storage system.

- A. True
- B. False

**Answer: B**

270. The function of the Internet of Things is only to collect data generated by various things.

- A. True
- B. False

**Answer: B**

271. The essence of the Internet of Things is still the Internet. Only when hardware or products are connected to the Internet and data interaction occurs, it can be called the Internet of Things.

- A. True
- B. False

**Answer: A**

272. You can use Fusion Computer to realize all the features without installing Tools for the virtual machine.

A. True

B. False

**Answer: B**

273. A route manually configured by a network administrator is called a direct route.

A. True

B. False

**Answer: B**

274. Through the full virtualization technology, multiple operating systems can run on the same server, and the virtual machine thinks that it is running on a dedicated server.

A. True

B. False

**Answer: A**

275. IoT devices can be connected to the Internet and can be controlled via the Internet.

A. True

B. False

**Answer: A**

276. Two hosts A and B are interconnected through a layer switch, and A and B belong to different VLANs. When host A sends a broadcast message to the network, host B will receive the message with destination MAC all "F"

A. True

B. False

**Answer: B**

277. Compared with mechanical hard drives, Guozhi hard drives have the advantages of good shock resistance, small footprint, no sound protection, small heat dissipation, and low price.

A. True

B. False

**Answer: B**

278. Compared with the traditional IT architecture, the unification of resources and hierarchical management of cloud computing can improve the efficiency of data center operation and maintenance.

A. True

B. False

**Answer: A**

279. The file system for virtualized storage can be either an NFS file system or a virtualized cluster file system.

A. True

B. False

**Answer: A**

280. The development of virtualization has greatly reduced the cost of IT hardware, reduced the waste of resources, and improved the stability and security of the system.

A. True

B. False

**Answer: A**

281. The characteristics of virtualization include partition, isolation, encapsulation and independence.

A. True

B. False

**Answer: A**

282. Virtualization is divided into computing virtualization, storage virtualization, and network virtualization, corresponding to cloud computing cloud hosts, cloud storage, and cloud networks.

A. True

B. False

**Answer: A**

283. The rapid deployment of virtual machines can be implemented in two ways: deployment by template and virtual machine cloning.

A. True

B. False

**Answer: A**

284. Virtual machines can better solve the resource sharing problem of multi-instance applications in large-scale data centers.

A. True

B. False

**Answer: A**

285. The main reason for the rapid development of virtual machines is that the performance of virtual machines is better than that of physical machines, and the scope of application is wider.

A. True

B. False

**Answer: B**

286. Virtual machine hot migration refers to moving a virtual machine in the same cluster from one physical server to another while the virtual machine is shut down.

A. True

B. False

**Answer: B**

287. The virtual machine network QoS policy provides bandwidth configuration control capabilities, and the QoS function supports traffic limitation between virtual machines on the same host.

A. True

B. False

**Answer: B**

288. A virtual machine generally has a corresponding configuration file, which records the specification, name and other information of the virtual machine.

A. True

B. False

**Answer: A**

289. The virtual machine exists as a file or folder on the server.

A. True

B. False

**Answer: A**

290. Virtual machine resource QOS supports CPU QOS, memory QOS and network QOs.

A. True

B. False

**Answer: A**

291. The virtual switch plays an important role in the communication between virtual machines and is an indispensable component.

A. True

B. False

**Answer: A**

292. A virtual machine can have multiple virtual network cards at the same time, corresponding to different virtual switches.

A. True

B. False

**Answer: A**

293. When a certain end of a secondary switch is only sending messages, it cannot receive messages from another device.

A. True

B. False

**Answer: B**

294. The quantifiable service of cloud computing refers to charging customers according to the usage time and usage amount.

A. True

B. False

**Answer: A**



295. Cloud computing is a product of the development of the Internet and computing technology, so cloud computing must be inseparable from the network.

- A. True
- B. False

**Answer: A**

296. Data packets in the cloud computing virtual network need to be routed and forwarded through routers in the physical network.

- A. True
- B. False

**Answer: B**

297. As a technology that has developed rapidly in recent years, cloud computing has its unique advantages. The advantages of cloud computing include: On-demand funding services, broad network access, higher performance, metered services.

- A. True
- B. False

**Answer: B**

298. After FusionCompute has installed Tools, it is necessary to unmount the Tools image, otherwise it will affect functions such as live migration of virtual machines.

- A. True
- B. False

**Answer: A**

299. After the HA switch is turned on on FusionCompute, the virtual machine fails, but the virtual machine is not automatically recreated. The possible reason is that there are not enough resources in the cluster.

- A. True
- B. False

**Answer: A**

300. On the FusionCompute virtualization platform, Tools are installed in the same way on all operating systems.

- A. True
- B. False

**Answer: B**

301. In FusionCompute, the CNA component can provide a management port to operate and maintain the entire system, including resource management, resource monitoring, and resource reporting.

- A. True
- B. False

**Answer: B**

302. In FusionCompute, CPU and memory resources support hot addition, but storage resources and network resources do not support adding.

- A. True
- B. False

**Answer: B**

303. In FusionCompute, the storage resources used by virtual machines can come from FusionCompute storage, SAN storage, NAS storage, and local disks.

- A. True
- B. False

**Answer: B**

304. In FusionComputer, because the VRM will synchronize the processing results returned by the CNA to the database, so do not use commands to modify resources on the CMA, otherwise the records in the VRM database will be inconsistent with the actual situation.

- A. True
- B. False

**Answer: A**

305. In the NAS environment, multiple hosts write to a file at the same time, which will cause data consistency problems.

- A. True
- B. False

**Answer: B**

306. In the NAT technology, through the server mapping function, the internal virtual machine of the virtualization platform can access the external network service through the public network address.

- A. True
- B. False

**Answer: A**

307. In the QEMU-KVM structure, QEMU runs in user space, while KVM runs in kernel space.

- A. True
- B. False

**Answer: A**

308. In a distributed storage system, in the face of high-performance real-time processing scenarios of large amounts of data, SSDs can be used instead of HDDs, and In niBan networks can be used instead of GE/10GE networks to meet the requirements.

- A. True
- B. False

**Answer: A**

309. In Huawei Fusion Computer, snapshots can be created for the CNA host.

A. True

B. False

**Answer: B**

310. In Huawei Fusion Computer, when the virtual machine is in the "running" or "stopped" state, the user can increase or decrease the number of vCPUs of the virtual machine

A. True

B. False

**Answer: B**

311. In Huawei Fusion Computer, cluster resources consist of hosts and their associated storage and network resources.

A. True

B. False

**Answer: A**

312. In Huawei Fusion Computer, if there is only one physical network port in the bound network port, the physical network port cannot be removed directly.

A. True

B. False

**Answer: A**

313. In Huawei Fusion Computer, the Tools installed for the virtual machine have nothing to do with the type and version of the operating system used by the virtual machine.

A. True

B. False

**Answer: B**

314. In Huawei Fusion Computer, after data is deleted inside the virtual machine, the disk size will not be automatically reduced. The next time the user writes, the space released inside will be used.

A. True

B. False

**Answer: A**

315. In Huawei Fusion Compute, to facilitate unified management, each DVS needs to be configured with a management IP address.

A. True

B. False

**Answer: B**

316. In Huawei FusionCompute, the management VLAN ID used by VRM cannot be changed.

A. True

B. False

**Answer: B**

317. In Huawei FusionCompute, when cloning a virtual machine, it does not support adjusting the specification of the virtual machine.

- A. True
- B. False

**Answer: B**

318. In Huawei FusionCompute, the virtual network card of each virtual machine is connected to the port of the virtual switch. In order to facilitate the user to configure and manage multiple ports at the same time, the ports with the same network attributes are divided into the same port group.

- A. True
- B. False

**Answer: A**

319. In Huawei Fusion, the types of port groups are divided into common, trunk and hybrid.

- A. True
- B. False

**Answer: B**

320. In computing virtualization, Hypervisor is an intermediate software layer running between the physical server and the operating system, responsible for monitoring the status of Host OS.

- A. True
- B. False

**Answer: B**

321. Use virtualization technology for resource integration and unified management in IT scenarios with complex architectures. Because resources are large and complex, it is recommended to use sojourn virtualization for customer experience.

- A. True
- B. False

**Answer: A**

322. After using virtualization, LUN can be divided into Thick LUN and Thin LUN. Compared with Thick LUN, Thin LUN needs to be reformatted every time it is expanded, and it also has a certain impact on performance during sequential read and write.

- A. True
- B. False

**Answer: A**

323. The virtual machine snapshot failed to be created online, which may be caused by operating the virtual machine when creating the snapshot.

- A. True
- B. False

**Answer: A**

324. In virtualization, the disk files of the virtual machine will be stored in the file system in the form of files, but from the perspective of the virtual machine operating system, the virtual machine disks, like ordinary disks, can be stored in the "" hardware resources of the system See in ".

A. True

B. False

**Answer: A**

325. In schools and companies, multiple users often share a small number of public network addresses to access the Internet. In this case, NAT technology can be used to meet the requirements.

A. True

B. False

**Answer: A**

326. In cloud computing, hardware of the same type and different models can form a resource pool.

A. True

B. False

**Answer: A**

327. Intelligent memory multiplexing technology (memory bubble, memory swap, memory sharing) can customize any function on/off according to customer needs.

A. True

B. False

**Answer: B**

328. A virtual machine whose status is "running" can only clone one virtual machine at a time, and does not support batch cloning

A. True

B. False

**Answer: A**

329. In FusionCompute, the administrator can view the DVS port connected to the virtual machine.

A. True

B. False

**Answer: B**

330. The memory resources and CPU resources used by virtual machines in Huawei Fusion Compute can only be provided by the same cluster. Therefore, the maximum number of computing resources that can be actually used by a virtual machine cannot exceed the sum of the resources that can be provided by all hosts in the cluster.

A. True

B. False

**Answer: B**

331. The KVM virtual machine can run on other virtualization platforms after format conversion.

- A. True
- B. False

**Answer: A**

332. Virtualization technology can improve the utilization rate of hardware resources and reduce operation and maintenance costs. Cloud computing also has these advantages. Therefore, cloud computing and virtualization technology are inseparable.

- A. True
- B. False

**Answer: A**

333. Computing virtualization can be classified into different categories from different perspectives, which can be divided into type and virtualization, and can also be divided into full virtualization and paravirtualization.

- A. True
- B. False

**Answer: A**

334. In Huawei FusionCompute, Fusionstorage can be used as virtual storage.

- A. True
- B. False

**Answer: B**

335. In computing virtualization, the operating system running in a virtual machine is called Host Os.

- A. True
- B. False

**Answer: B**

336. In Huawei FusionCompute, administrators can discover storage devices by scanning or manually refreshing.

- A. True
- B. False

**Answer: B**

337. In Huawei FusionCompute, when a host in the cluster fails, the virtual machines on the host will be automatically migrated to other hosts in the cluster.

- A. True
- B. False

**Answer: B**

338. Memory multiplexing technology is the prerequisite for the realization of memory resource QoS.

- A. True
- B. False

**Answer: A**

339. In Huawei FusionCompute, when a virtual machine installs an operating system by mounting a local image file, the administrator can close the VNC window at any time without affecting the reading of the image.

A. True

B. False

**Answer: A**

340. In Huawei FusionComputer, the virtual machine using non-virtualized storage does not support the snapshot function.

A. True

B. False

**Answer: B**

341. Some virtualization technologies are open source, while others are closed source. The same is true for cloud computing management platforms. Open source cloud computing management platforms need to be implemented using open source virtualization technologies.

A. True

B. False

**Answer: A**

342. Storage virtualization technology can improve storage utilization and provide storage resources for multiple virtual machines.

A. True

B. False

**Answer: A**

343. Using templates in Huawei FusionCompute can deploy multiple virtual machines in batches.

A. True

B. False

**Answer: A**

344. In Huawei FusionCompute, all virtual machine NICs added to the same security group are filtered by this security group. In order to improve security, the same NIC needs to be added to multiple security groups.

A. True

B. False

**Answer: B**

345. NUMA is a memory architecture designed for multi-processor computers. The memory access time depends on the location of the memory relative to the processor. Under NUMA, the processor accesses its own local memory faster than the non-local memory (memory On another processor, or shared memory between processors is faster).

A. True

B. False

**Answer: A**

346. In Huawei FusionCompute, a virtual machine can have multiple virtual network cards.

A. True

B. False

**Answer: A**

347. During the snapshot creation process, other operations can be performed on the virtual machine.

A. True

B. False

**Answer: B**

348. Storage virtualization technology can better manage the storage resources of the infrastructure, so that the system can greatly improve the utilization rate and flexibility of storage resources.

A. True

B. False

**Answer: A**

349. In personal or small-scale virtualization scenarios, virtual machines can be bound to physical network cards through bridging or NAT.

A. True

B. False

**Answer: A**

350. In network equipment, routing can be used to guide VLAN packet forwarding.

A. True

B. False

**Answer: A**

351. Two service hosts A and B in a company work on different network segments. The currently planned hosts A and B belong to different VLANs. If hosts A and B need to communicate with each other, you can configure VLANIF for the VLANs where the two hosts belong.

A. True

B. False

**Answer: A**

352. In order to improve the information security of the confidential IT department, a company requires that only User1, User2, and User3 be allowed to access the company's network through a certain switch. Administrators can configure MAC address-based VLAN division on the switch, and The MAC addresses of User1, User2, and User3 are bound to VLANs to meet this requirement.

A. True

B. False



**Answer: A**

353. A VLAN belongs to a broadcast domain, and hosts in a VLAN can communicate with each other, but hosts between VLANs cannot directly access each other.

- A. True
- B. False

**Answer: A**

354. When a virtual machine is migrated across hosts, it is necessary to ensure that the distributed virtual switch before and after the migration is the same.

- A. True
- B. False

**Answer: A**

355. Each distributed switch has multiple distributed virtual end] VSPs, and each VSP has its own attributes. A group of ports with the same attribute can be managed through a port group, and the ports in the same port group belong to the same VLAN.

- A. True
- B. False

**Answer: A**

356. Huawei FusionCompute can support the virtual machine disk format of VMDK by default.

- A. True
- B. False

**Answer: B**

357. In full virtualization, all resource requests of virtual machines are sent to physical devices through the virtualization layer. This method improves security, but increases T performance loss.

- A. True
- B. False

**Answer: A**

358. When setting the cluster IMC policy in FusionCompute, if there are hosts in the cluster, the CPU function set of the hosts under the cluster must be equal to or higher than the set target benchmark function set.

- A. True
- B. False

**Answer: A**

359. Huawei FusionCompute dynamic resource scheduling DRS only supports administrators to manually migrate virtual machines on CNA hosts to other nodes, and does not support automatic system migration.

- A. True
- B. False

**Answer: B**

360. Thin LUN can realize the repeated use of storage space, which improves the utilization rate of storage space compared with ordinary LUN.

A. True

B. False

**Answer: A**

361. Libvirt can be used by many applications. In addition to its own virsh command set, Virt-manager, Virt-viewer, Virt-install can manage ZVWM virtual machines through Libvirt.

A. True

B. False

**Answer: A**

362. KVM is based on the underlying CPU hardware-assisted virtualization technology, so it needs CPU support for virtualization features to be realized.

A. True

B. False

**Answer: A**

363. According to the direction of business and data traffic, data center traffic can be divided into north-south traffic and east-west traffic.

A. True

B. False

**Answer: A**

364. A company deploys an online trading system on the FusionCompute virtualization platform. In order to ensure the reliability and performance of the online trading system, it is recommended to configure the cluster HA function and set the cluster balance: group policy, and set up the online trading system business. Configure CPU QoS and memory QoS for virtual machines.

A. True

B. False

**Answer: A**

365. In FusionCompute, if the HA policy is set to restore the virtual machine from the original host, when the host where the virtual machine is located fails, the system must wait for the host to recover before the system restarts the virtual machine on the original host.

A. True

B. False

**Answer: B**

366. Metal virtualization directly uses Hypervisor to call resources for virtual machines, does not depend on the underlying operating system, and reduces process scheduling, so performance is more advantageous than sojourn virtualization.

A. True

B. False

**Answer: A**

367. A company deploys an online transaction system on the FusionCompute virtualization platform. In order to ensure the reliability and performance of the online transaction system, it is recommended to configure the cluster H function and set Configure CPU QoS and memory QoS on the machine.

A. True

B. False

**Answer: A**

368. Hot adding of virtual machine resources refers to adding computing, storage and network resources to a virtual machine when the virtual machine is powered on.

A. True

B. False

**Answer: A**

369. Two hosts A and B on the same network segment are interconnected through two Layer 2 switches, and hosts A and B belong to different VLANs. At this point, the two hosts can communicate with each other through the Layer 3 network.

A. True

B. False

**Answer: B**

370. A user has made multiple snapshots for a virtual machine on FusionCompute, but the restoration of the virtual machine using the third snapshot fails. The reason may be that the second snapshot of the virtual machine was deleted before.

A. True

B. False

**Answer: B**

371. Enterprises can use virtualization technology to run multiple virtual machines on one physical server, and at the same time, they can migrate virtual machines between different servers without customers' awareness, which increases the availability and flexibility of enterprise business.

A. True

B. False

**Answer: A**

372. The CPU QoS of the virtual machine is used to ensure the computing resource allocation of the virtual machine, isolate the computing power interaction between the virtual machines due to different services, meet the requirements of different services for the computing performance of the virtual machine, reuse resources to the greatest extent, and reduce cost.

A. True

B. False

**Answer: A**

373. In the KVM architecture, QEMU simulates and executes I/O type operation requests for the virtual machine through software simulation.

A. True

B. False

**Answer: A**

374. KVM itself does not perform any hardware simulation functions, but only provides an interface responsible for the creation of vCPU and the allocation of virtual memory address space.

A. True

B. False

**Answer: A**

375. SATA hard disk adopts parallel connection mode, supports error automatic correction and hot swap function.

A. True

B. False

**Answer: B**

376. Through VIMS, FusionCompute manages virtual machine images and configuration files in the form of files.

A. True

B. False

**Answer: A**

377. I/O virtualization can be divided into full virtualization, paravirtualization, and hardware-assisted virtualization. Among them, hardware-assisted virtualization completely uses software to simulate real hardware, and its performance is very poor.

A. True

B. False

**Answer: B**

378. A virtual machine can create multiple snapshots to form a snapshot chain, and any operation on one of the snapshots will not affect other snapshots.

A. True

B. False

**Answer: A**

379. Horizontal expansion means that when the business volume continues to grow, it is not necessary to upgrade the server specifications, but only need to increase the number of servers to meet the demand.

A. True

B. False

**Answer: A**

380. The KVM virtual machine can be created through a graphical interface or a command line.

- A. True
- B. False

**Answer: A**

381. KVM is an open source full virtualization solution.

- A. True
- B. False

**Answer: A**

382. Open source virtualization technologies are all type I virtualization, and closed source virtualization technologies are all type II virtualization.

- A. True
- B. False

**Answer: B**

383. NAS has its own independent file system. After the application server accesses the NAS through the network sharing protocol, it can read and write files in the file system.

- A. True
- B. False

**Answer: A**

384. What SAN provides to the host is a "bare disk" without a file system. What file system to build on it depends entirely on the host's operating system.

- A. True
- B. False

**Answer: A**

385. In Huawei FusionCompute, the system disk of the virtual machine cannot be unbound.

- A. True
- B. False

**Answer: B**

386. SSD disk is a mechanical hard disk, which has the advantages of fast read and write speed, low power consumption, and light weight, but it has a limited service life.

- A. True
- B. False

**Answer: B**

387. In cloud computing, the network can be divided into virtual network and physical network.

- A. True
- B. False

**Answer: A**

388. In Huawei FusionCompute, DVS not only supports configuring static routing, but also supports multiple dynamic routing.

- A. True
- B. False

**Answer: B**

389. In the initial construction of an enterprise, the bottom layer used the virtualization of the KVM architecture. Now it plans to install the Virtio driver to improve performance, but the installation fails. The reason may be that the device is old and does not support the application driver.

- A. True
- B. False

**Answer: A**

390. NL-SAS type hard disk is suitable for users with large data blocks and low business I/O pressure.

- A. True
- B. False

**Answer: A**

391. Centralized storage refers to concentrating all physical disks in a hard disk enclosure, and then providing storage services externally through the controller.

- A. True
- B. False

**Answer: A**

392. In FusionCompute, memory sharing means that the system actively reclaims the temporarily unused physical memory of the virtual machine and allocates it to the virtual machine that needs to use the memory.

- A. True
- B. wrong

**Answer: B**

393. In bare metal virtualization, the virtualization layer Hypervisor cannot directly call hardware resources, and needs to rely on the underlying operating system.

- A. True
- B. False

**Answer: B**

394. A company deploys FusionCompute to carry services. Different service virtual machines belong to different VLANs. VLANs have been divided through port group VLAN configuration. To ensure normal access to services, the administrator needs to configure the interface type of the TOR switch connected to the CNA node as Access.

- A. True

B. False

**Answer: B**

395. After a user uses a virtual machine to create a virtual machine template, the template is not allowed to be started, nor is it allowed to start.

A. True

B. False

**Answer: B**

396. In FusionCompute, if the storage resource is IP SAN, FusionStorage or NAS storage, before using the data storage, you need to add a storage interface for the host associated with the data storage (FC-SAN and local hard disk are not required)

A. True

B. False

**Answer: B**

397. In FusionCompute, memory multiplexing is set based on the cluster. After the memory multiplexing function is enabled, the memory multiplexing policy will manage the allocation of physical memory, and the virtual machine can use all the physical memory when the memory is not tight.

A. True

B. False

**Answer: A**

398. The network QoS function can provide traffic shaping and bandwidth priority control capabilities based on each member interface of the port group.

A. True

B. False

**Answer: A**

399. When the amount of memory in the computing node is fixed, enabling memory multiplexing can increase the memory of the computing node.

A. True

B. False

**Answer: A**

400. Memory bubbles refer to virtualizing external storage resources into memory for use by virtual machines, and storing temporarily unused data on virtual machines on external storage.

A. True

B. False

**Answer: B**

401. When the amount of memory in a computing node is fixed, enabling memory multiplexing can increase the virtual machine density of the computing node.

A. True

B. False

**Answer: A**

402. Mainstream virtualization technologies all have the function of console management of the virtual machine. If an employee fails to log in to the virtual machine on the FusionCompute platform using VNC, the possible reason is that the virtual machine is not configured with an IP address.

A. True

B. False

**Answer: B**

403. The Internet of Things is derived from the Internet, which can enable communication and interaction between people and things, and things and things, and achieve the interconnection of all things.

A. True

B. False

**Answer: A**

404. Serverless is a complete process of building and managing a microservice-based architecture, allowing users to manage application deployment at the service deployment level instead of the server deployment level

A. True

B. False

**Answer: A**

405. The main function of the KVM kernel module is to initialize the CPU hardware, turn on the virtualization mode, and then run the virtual machine.

A. True

B. False

**Answer: A**

406. Residential virtualization architecture refers to installing and running virtualization programs on the host operating system, relying on the host operating system's support for devices and management of physical resources.

A. True

B. False

**Answer: A**

407. The hardware-assisted virtualization technology based on the 86 architectures mainly includes Intel's VT and AMD's AMD-V. The core idea is to make Hypervisor and Guest OS run in different modes by introducing new instructions and operating modes, and Guest OS runs at the Ring 0 level.

A. True

B. False

**Answer: A**

408. Virtual machines in the same cluster in FusionCompute must use the same DVS.



A. True

B. False

**Answer: B**

409. NAT technology can be used to alleviate the shortage of IPv4 public network addresses brought about by the increasing scale of the Internet.

A. True

B. False

**Answer: A**

410. An enterprise has deployed multiple FusionCompute sites, and the deployment of shared data storage is not supported among multiple sites, because the data on the data storage will overwrite each other, resulting in data loss.

A. True

B. False

**Answer: A**

411. A virtual machine is composed of configuration files and disk files. Each disk of the virtual machine corresponds to a disk file, which is used to save user data.

A. True

B. False

**Answer: A**

412. Devices that push processing power and communication capabilities directly to programmable automation controllers.

A. True

B. False

**Answer: A**

413. Edge computing refers to a development platform that integrates network, computing, storage, and application core capabilities on the side close to the source of objects or data, and provides the nearest end services.

A. True

B. False

**Answer: A**

414. During the communication between virtual machines on the same network segment on the FusionCompute platform, the packets must be unicast packets.

A. True

B. False

**Answer: B**

415. The broadcast domain refers to the range to which broadcast frames (the target MAC address is all 1) can be delivered and the range where direct communication can be performed.

A. True

B. False

**Answer: B**

416. The operating system of each virtual machine can only see the resources provided by the virtualization layer Hypervisor, and the resources of the virtual machines are invisible to each other.

A. True

B. False

**Answer: A**

417. Two virtual machines from different clusters using the same set of shared storage may cause a split-brain phenomenon.

A. True

B. False

**Answer: A**

418.OBS supports uploading both files and folders to OBS buckets.

A. True

B. False

**Answer: A**

419. The virtual switch port is a port on the virtual switch, which is used to connect the physical network card and the virtual switch vS to provide external network services for the virtual machine.

A. True

B. False

**Answer: B**

420.Huawei cloud host monitoring can monitor basic monitoring indicators such as the CPU usage of Ecs without using the Agent plug-in.

A. True

B. False

**Answer: B**

421. HUAWEI CLOUD Bare Metal Server BMS service is a high-profile ECS service that allows tenants to customize product performance parameters.

A. True

B. False

**Answer: B**

422. HUAWEI CLOUD tenants cannot change the region after using the object storage service to create a bucket, so choose the region carefully when creating a bucket.

A. True

B. False

**Answer: A**

423. Users can use cloud computing resources anytime and anywhere through terminals without any prerequisites.

A. True

B. False

**Answer: B**

424. The Elastic Cloud Server supports the use of secret keys for authentication. It is necessary to parse the secret key file used when creating the Elastic Cloud Server into a password through the password acquisition function provided by the management console.

A. True

B. False

**Answer: A**

425. The router implements the management of path information through the management of ().

**Answer:**

routing table

426. () is the heart-checking component of FusionCompute, which mainly provides virtualization functions. It is usually deployed in the form of clusters, and virtualizes the computing, storage, and network resources in the clusters into resource pools for users to use.

**Answer: CNAs**

427. The KVM kernel module is the core part of the KVM virtual machine, which provides CPU and memory virtualization functions. However, in addition to the CPU and memory, a virtual machine also needs other I/O devices such as network cards and hard disks. In KVM virtualization In, () provides The function of I/O virtualization.

**Answer: QEMU**

428. In the non-virtualization scenario, the instructions issued by the host operating system are generally divided into two types, () and ordinary instructions.

**Answer: Privileged instructions**

429. There are two types of virtual switches, FusionCompute uses (), which can be distributed on different physical hosts, and can be configured uniformly through virtualization management tools.

**Answer: dvs**

430. In FusionCompute, the CNA host and VRM use the () mechanism to ensure that the VRM can effectively perceive whether an abnormality has occurred on the CNA node.

**Answer: heartbeat**

431. In FusionCompute, when adding security group rules. It can be configured based on () port range and type, and the type can support subnet and IP address segment.

**Answer: protocol**

432. In FusionCompute, when the cluster starts computing resource scheduling, virtual machine startup resources can be configured as () and automatically allocated.

**Answer:** load balancing

433. FusionCompute provides a console for the virtual machine, and users can log in to the virtual machine through ().

**Answer:** VNC

434. The ports of Huawei switches support three configuration modes: Access, Hybrid, and ().

**Answer:** Trunk

435. When the virtual network card communicates with the external network through NAT, it performs routing and forwarding through the third layer () of the TCP/IP model, and implements address translation on the bridge.

**Answer:** Network layer

436. There are many ways to implement I/O virtualization technology, among which () virtualization is to install the I/O device driver directly in the virtual machine operating system, which can be used without any modification to the operating system. virtualization technology.

**Answer:** host type

437. In a server with RISC instruction set architecture, the () instruction is a special instruction for virtualization, which means that the privileged instructions in the Guest os that originally need to run in Ring0 mode are deprived of their privileges and handed over to the VMM for execution. instruction.

**Answer:** Sensitive

438. In the CPU hardware-assisted virtualization, the newly added execution mode is (), and the VRM selects an available host according to the specification information of the saved virtual machine.

**Answer:** root mode

439. In FusionCompute, the user can convert a virtual machine into a template, which contains the () of the virtual machine and several disk files.

**Answer:** configuration file

440. In the data center, () is generally used as the dividing point to divide the data center traffic into east-west traffic and north-south traffic.

**Answer:** Router

441. In Fusion Compute, the virtual machine Guest OS controls () the address translation between the guest physical memory (PA), and the Hypervisor then maps the guest physical memory (PA) to the machine memory (MA).

**Answer:** Virtual machine memory VA

442. The ( ) feature of cloud computing can shield the differences of different resources and allocate all resources to the smallest unit.

**Answer:** Resource pooling

443. In bare metal virtualization, ( ) mainly realizes two basic functions. The first is to identify, capture and respond to CPU privileged instructions or protection instructions issued by the virtual machine; secondly, it is responsible for managing the queues and calls of the virtual machine. And return the processing result of the physical hardware to the corresponding virtual machine.

**Answer:** VMM/hypervisor

444. The ( ) function in the fusion compute cluster feature can help enterprises achieve green energy saving. For example, during the business peak period, business virtual machines can be migrated to some physical hosts in a centralized manner, and then other physical hosts can be powered off.

**Answer:** DPM

445. There are many mainstream virtualization technologies that are generally divided into two types: open source and closed source, among which FusionCompute is a ( ) type virtualization technology.

**Answer:** closed source

446. In FusionCompute, when a virtual machine creates a snapshot, the current disk is set to ( ) state, and an incremental disk is created in the data storage where the disk is located to record the difference between the current status of the disk and the status of the last snapshot.

**Answer:** read only

447. In FusionCompute, the distributed virtual switch and DVS must be added ( ), VLAN pool and port group to be used normally.

**Answer:** Uplink Group

448. In FusionCompute, the virtual machine template format is divided into ova and ovf. The template in ovf format consists of an ovf description file and several ( ) disk files.

**Answer:** VHD

449. Virtualization has the characteristics of independence and isolation, in which virtual resources are divided into blocks and allocated to each virtual machine for use. It embodies the ( ) characteristics of virtualization.

**Answer:** partition

450. During the digital transformation of a financial enterprise, it plans to use the e-government OA system provided by the cloud service provider to deploy enterprise business. This service model belongs to ( )

**Answer:** SaaS

451. A newly established game company hopes to purchase servers, networks, storage and other resources on the cloud to build a game platform. This service model belongs to ( )

**Answer:** laas

452. Memory multiplexing will use multiple memory multiplexing technologies to multiplex memory in time, and its memory multiplexing rate is recommended to be controlled within ()%.

**Answer:** 150

453. In FusionCompute, when a port group is configured with a non-zero VLAN ID, the () of the distributed virtual switch to which the port group belongs must include the VLAN ID.

**Answer:** vlan

454.() is a lightweight virtualization technology that can divide the user space on the operating system into several independent units in the kernel without interfering with each other.

**Answer:** container

455. We can use mobile phones, computers, and smart terminals to listen to cloud music wherever there is a network, which reflects the characteristics of cloud computing ().

**Answer:** Extensive network access

456.UVP (Unified Virtualization Platform) is a unified virtualization platform developed by Huawei. Like KVM and Xen, it is also a kind of ()

**Answer:** VMM

457.FusionCompute supports ordinary snapshots, consistent snapshots, and () snapshots.

**Answer:** Memory

458. () technology refers to the condition that the physical memory of the server is fixed, through certain technical means, the total memory of the virtual machine is greater than the total physical memory of the server, and the density of the virtual machine on the physical server is increased.

**Answer:** memory multiplexing

459. OpenStack is a free software and open source project jointly developed and initiated by NASA and Rackspace (), authorized by license.

**Answer:** Apache

460. Please associate the following VLA divisions with their corresponding descriptions

based on protocol	The switch consumes more resources and has a slight disadvantage in speed
VLAN based on interface	VLAN reconfiguration
Divide TLAV based on MAC address	All members of the network need to be pre-defined

**Answer:**

based on protocol	based on protocol
VLAN based on interface	VLAN based on interface
Divide TLAV based on MAC address	Divide TLAV based on MAC address

461. FusionCompute supports a variety of cluster features. Please match the following cluster features to their usage scenarios

memory reuse		When the host where the virtual machine is located, the data storage or the virtual machine itself fails, ensure that the virtual machine can be restarted on other nodes. To ensure the availability of the business
HA		Customers are demanding the highest possible density of virtual machines deployed on a single host
load balancing		When the peak of the business comes, the customer hopes that the business traffic can be relatively evenly distributed to multiple hosts in the cluster to ensure the reliability of the business

**Answer:**

memory reuse		When the host where the virtual machine is located, the data storage or the virtual machine itself fails, ensure that the virtual machine can be restarted on other nodes. To ensure the availability of the business
HA		Customers are demanding the highest possible density of virtual machines deployed on a single host
load balancing		When the peak of the business comes, the customer hopes that the business traffic can be relatively evenly distributed to multiple hosts in the cluster to ensure the reliability of the business

462. FusionCompute supports the virtual machine snapshot function. Please match the following snapshot types to their descriptions.

memory snapshot	Supports snapshotting virtual machines bound to shared disks, but does not snapshot shared disks
Consistent snapshot	When a snapshot is created, the currently unsaved cache data of the virtual machine will be saved first, and then the snapshot will be created.
normal snapshot	The data in the current memory of the virtual machine is saved when the snapshot is created

**Answer:**

memory snapshot	normal snapshot
Consistent snapshot	Consistent snapshot
normal snapshot	memory snapshot

463. Please associate the configuration in the FusionCompute platform with the technologies involved.

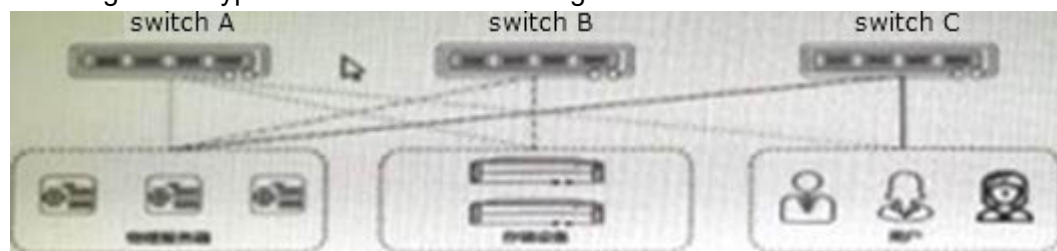


Port group settings send average bandwidth	port binding
The port group type is set to trunk	traffic shaping
Distributed Switch Add Uplink	VLAN technology

**Answer:**

Port group settings send average bandwidth	Distributed Switch Add Uplink
The port group type is set to trunk	Port group settings send average bandwidth
Distributed Switch Add Uplink	The port group type is set to trunk

464. The switches A B and C in the figure below are connected to different devices. Please match the following switch types to the switches in the figure.



business switch	switch A
Managed switches	switch B
storage switch	switch C

**Answer:**

business switch	Managed switches
Managed switches	storage switch
storage switch	business switch

465. Match the following cluster features to the functionality they implement.

HA	Since the physical memory of the server is certain, through certain technical means, the virtual internal sum is greater than the physical memory of the server, and the virtual density in the server is improved.
Debt balance	Share specific services to multiple network devices or multiple links, thereby improving service processing capabilities and ensuring high service reliability
memory reuse	Use cluster technology to overcome the imitations of a single physical host, and ultimately achieve the effect of no business interruption or reduced interruption time
Easy to expand	Increase the available resources of the entire platform through horizontal scaling

**Answer:**

HA	memory reuse
Debt balance	Debt balance
memory reuse	HA
Easy to expand	Easy to expand

466. In FusionCompute, in order to realize the security isolation and access control requirements of virtual machine A, the virtual machine can be added to the security group, then the virtual switch type of the virtual machine must be \_\_\_\_\_ mode.

**Answer:** Normal

467. The software architecture style is based on small functional blocks that focus on a single responsibility and function, and uses a modular approach to combine complex large-scale applications. Each functional block uses a language-independent API set to communicate with each other.

**Answer:** Microservices

468. Which class of IPv4 address is used for multicast?

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

**Answer:** C

469. Which of the following interact with IPMI to manage computers

- A. UEFI option
- B. BIOS option
- C. OS option
- D. BMC

**Answer:** D

470. Which of the following is the basic unit of RAID2.0?

- A. CK option
- B. extend option
- C. CKG option
- D. volume

**Answer:** A

471. Which of the following options is used by a router to calculate the packet forwarding path?

- A. whitelist
- B. routing table
- C. ACL
- D. MAC address Table

**Answer:** B

472. In FusionCompute, which of the following components is deployed on the server that needs to be virtualized?

- A. ebackup
- B. ultra VR
- C. CAN
- D. VRM

**Answer:** D

473. Which of the following is a unique performance metric of HDDs?

- A. capacity
- B. rotational speed
- C. data transmission rate option
- D. IOPS

**Answer:**B

474.Which of the following is the input/output device of a computer?

- A. mouse
- B. memory option
- C. CPU option
- D. Drive

**Answer:** A

475.Which of the following methods cost the highest to store 10 TB data?

- A. RAID 5
- B. RAID 6
- C. RAID 1
- D. RAID 0

**Answer:** C

476.On fusionAccess, when the backup server does not have enough space, which of the following operations will be performed by the system?

- A. automatically delete all back up data
- B. delete the backup data over the past 10 days
- C. delete the backup data generated 10 days ago
- D. delete the earliest backup data

**Answer:** D

477.Which of the following components is not a must for a server?

- A. display
- B. CPU
- C. power supply
- D. fan

**Answer:** A

478.In modern computers, CPUs cannot directly read data from disk instead the data must be first read to which of the following devices?

- A. Memory
- B. Cache
- C. arithmetic logic unit
- D. register

**Answer:** A

479.A multinational group has services across the globe. one of its branches purchases products from

local public cloud service provider based on its actual situation. which of the following cloud computing deployment modes is used by the Group?

- A. hybrid public cloud
- B. hybrid cloud
- C. private cloud
- D. public cloud

**Answer: B**

480.On fusionAccess, if the CPU resources of a desktop are insufficient, which of the following operations is recommended?

- A. delete the desktop and provision a desktop that meets the users requirements
- B. modify the desktop specifications to meet the User's requirements
- C. upgrade the desktop to a VIP desktop
- D. migrate the desktop to another cluster

**Answer: B**

481.On fusion Access, which of the following methods is recommended to disable the recording and play back of Music and Games at important meetings?

- A. disabling device redirection
- B. disabling clipboard redirection
- C. disabling audio redirection
- D. disabling SC/TC playback devices

**Answer: C**

482.When configuring a virtual environment during fusionAccess initial configuration, which off the following IP addresses is between quotation "FusionCompute IP"?

- A. IP address of the CNA host where the active VRM is located
- B. IP address of the active VRM
- C. VRM floating IP address
- D. IP address of the CNA holes where the VRM is located

**Answer: B**

483.Which of the following is the default file system on openEuler?

- A. XFS
- B. EXT4
- C. FA32
- D. NTFS

**Answer: A**

484.Which of the following drives provides the best read and write performance in ideal working conditions?

- A. SAS
- B. SSD
- C. SATA

D. NL-SAS

**Answer: B**

485. On Linux, which of the following is an absolute path representing a file storage location?

A. ./test

B. ../ ../test

C. ./home/test

D. home/test

**Answer: D**

486. Which of the following FusionAccess components run on virtual desktops?

A. WI

B. ITA

C. HDC

D. HAD

**Answer: C**

487. On FusionAccess, vAGs need to be deployed on different hosts. Which of the following methods is recommended?

A. VM's are set to be mutually exclusive

B. the HA configuration of the vAG is disabled

C. the local hard disk of the host is used during the vAG creation

D. the vAG is bound to the host where the vAG is located

**Answer: A**

488. In Huawei virtualization suite, which of the following is used to provide disaster recovery services?

A. ultra VR

B. eBackup

C. FusionCompute

D. FusionCompute pro

**Answer: A**

489. As a company has strict regulations on employees' permissions, which of the following methods is recommended for VLAN assignment?

A. IP subnet – based assignment

B. Mac address – based assignment

C. protocol – based assignment

D. interface – based assignment

**Answer: B**

490. Which of the following components on FusionAccess does not have backup data?

A. HDC

B. VLB

C. ITA

D. vAG

**Answer: A**

491.Which of the following statements describes computing resources without virtualization?

- A. computing resources are abstracted as computing resource bowls
- B. the operating system running does not require hardware
- C. computing resources are independent of each other
- D. the operating system is closely coupled with hardware

**Answer: D**

492.If optical fibers are used to carry storage services, which of the following storage network types can be used?

- A. DAS
- B. FC SAN
- C. IP SAN
- D. FAN

**Answer: B**

493.Which of the following access mods are supported by fusion access?

- A. VNC
- B. TC
- C. SC
- D. mobile terminal

**Answer: C**

494.Which of the following statements are true about fusion compute installation?

- A. CNA host can be installed in PXE Mohd or by mounting ISO images
- B. VRM notes can be deployed on VM's by using a specified tool or by mounting ISO images
- C. CNA host must be deployed on physical machines
- D. it is recommended that VRM notes be deployed on Verkamp's

**Answer:A**

495.Which of the following Linux distributions are developed based on open Euler?

- A. iced soft V5.1
- B. UXOS
- C. Kylan Witten
- D. sent OS 7.3

**Answer: C**

496.Which of the following devices form a communication network?

- A. router
- B. switch
- C. firewall
- D. server

**Answer:** A B C D

497.Which of the following devices can provide the network address translation function?

- A. router
- B. firewall
- C. layer three switch
- D. layer two switch

**Answer:** A B C

498.Which of the following methods can be used for fusion access to collect infrastructure computer logs?

- A. manually obtaining logs
- B. TCM
- C. one click log collection function of fusion access
- D. fusion care

**Answer:** C

499.Which of the following items should be included in complete route information?

- A. destination Network
- B. next hop address
- C. destination's subnet and mask
- D. source Network address

**Answer:** A B C

500.What are the common modes of VIM?

- A. insert mode
- B. command line Mode
- C. privileged Mode
- D. normal mode

**Answer:** A B D

501.Which of the following drives transmit data and serial Mode?

- A. SATA
- B. SSD
- C. SAS
- D. NL – SAS

**Answer:** A C

502.Which of the following actions may a switch take on data frames?

- A. discard
- B. block
- C. flood
- D. forward

**Answer:** A C D



503. On fusion access, which of the following methods are used by virtual desktops to obtain IP addresses?

- A. DHCP assignment
- B. DNS resolution
- C. template address
- D. manual assignment

**Answer:** A D

504. Which of the following desktop groups support @User group?

- A. dynamic pool
- B. static pool
- C. assign a computer to multiple users option D
- D. assign a computer to User

**Answer:** A B

505. Based on the service models for cloud computing, which of the following items are considered the running environment of applications

- A. middleware
- B. operating system
- C. CPU and memory
- D. dependency library for application running

**Answer:** A B C D

506. In a computer, what is the basic, important and indispensable connection device that provides functions such as data transmission and reception, data encapsulation and decapsulation, link management, encoding and decoding?

**Answer:**

In a computer, the basic, important, and indispensable connection device that provides functions such as data transmission and reception, data encapsulation and decapsulation, link management, encoding, and decoding is the Network Interface Card (NIC) or network adapter. The network adapter is responsible for establishing and maintaining a connection between the computer and the network, allowing it to communicate with other devices and access network resources.

507. Linux provides the graphical user interface and what for users to interact with the system?

**Answer:**

Linux provides both the Graphical User Interface (GUI) and the Command Line Interface (CLI) for users to interact with the system. The GUI offers a visual representation of the system with windows, icons, and menus, making it more user-friendly. The CLI, on the other hand, allows users to interact with the system using text-based commands, which can be more efficient and powerful for advanced users and system administrators.

508. In TCP/IP-based data communication, which header will be added to the data that passes through the transport layer?

**Answer:**

In TCP/IP-based data communication, when data passes through the transport layer, either a TCP (Transmission Control Protocol) header or a UDP (User Datagram Protocol) header will be added to the data, depending on the protocol used.

TCP header: Used for connection-oriented, reliable communication. The header contains information such as source and destination port numbers, sequence numbers, acknowledgment numbers, and control flags.

UDP header: Used for connectionless, less reliable communication. The header is simpler and includes source and destination port numbers, length of the datagram, and a checksum for error checking.

509.How many seconds it takes for a computer to read a 10 GB file over a 2 Gbit/s link?

**Answer:**

To calculate the time it takes to transfer a 10 GB file over a 2 Gbit/s link, you first need to convert the file size and link speed to the same unit of measurement, such as bits.

1 GB = 1,000,000,000 bytes (1 Gigabyte =  $10^9$  bytes)

1 byte = 8 bits

10 GB =  $10 \times 1,000,000,000$  bytes =  $10 \times 8 \times 1,000,000,000$  bits = 80,000,000,000 bits

Next, divide the file size in bits by the link speed:

2 Gbit/s = 2,000,000,000 bits/s

Time (seconds) = (File size in bits) / (Link speed in bits/s)

Time (seconds) = 80,000,000,000 bits / 2,000,000,000 bits/s = 40 seconds

So, it would take 40 seconds for a computer to read a 10 GB file over a 2 Gbit/s link. Note that this calculation assumes ideal conditions with no network overhead, latency, or other factors affecting the transfer speed.

510.Which desktop randomly assigns a VM to a user during the first login of the user, and then the VM is bound to the user. A user can be bound to only one VM?

**Answer:**

In a virtual desktop infrastructure (VDI), the desktop type that randomly assigns a VM to a user during their first login and then binds the VM to the user is known as a static pool or a persistent pool. In this setup, a user can be bound to only one VM, and the VM maintains the user's data and settings across sessions, providing a consistent experience.

511.On FusionAccess, the vLB implements load balancing when a user accesses the what?

**Answer:**

On FusionAccess, the vLB (virtual Load Balancer) implements load balancing when a user accesses the virtual desktop. The vLB is responsible for distributing user connections and access requests across available virtual desktops, ensuring optimal resource utilization and providing a smooth user experience. This helps prevent overloading of any single virtual desktop and maintains a balanced distribution of user sessions.

512.On communication network, the MAC address table is maintained by a what?

**Answer:**

On a communication network, the MAC address table is maintained by a switch. The switch uses the

MAC address table to keep track of the MAC addresses of devices connected to its ports. This information helps the switch to properly forward data frames to the appropriate destination devices based on their MAC addresses. When a switch receives a data frame, it checks the MAC address table and forwards the frame to the corresponding port. If the MAC address is not found in the table, the switch will flood the frame to all ports except the incoming port.

513. On FusionAccess, the component() is used for a service access and self-service maintenance. What is the answer in the parenthesis?

**Answer:**

On FusionAccess, the component FusionAccess Portal is used for service access and self-service maintenance. The FusionAccess Portal provides a web-based interface for users to access virtual desktops and applications, and it also allows users to perform self-service tasks such as password resets and virtual desktop maintenance.

514. On Linux, everything is a ()

**Answer:**

On Linux, everything is a file. This concept means that Linux treats various system elements, including devices, directories, and sockets, as files. Users and programs can interact with these elements through file-like interfaces, which simplifies the process of managing and working with system resources.

515. DAS & SAN support data transmission over fiber channel or IP networks, while NAS support data transmission over iSCSI only.

- A. true
- B. false

**Answer: A**

516. A server has 10 disks. Among them, two disks form a RAID 1 group, seven disks form a RAID 5 group, and the other one is configured as a hot spare disk. If any disk in the RAID 1 group fails, the hot spare disk automatically replaces the faulty disk, ensuring the system redundancy. This hot spare disk is a global hot spare disk.

- A. true
- B. false

**Answer: A**

517. HVM in a full copy VM group has a system disk, and the VM template type is full copy.

- A. true
- B. false

**Answer: A**

518. In FusionCompute, a pair of the VM nodes must be deployed each time a cluster is created.

- A. true
- B. false

**Answer: B**

519.On fusion axis, if the Lenox desktop is assigned to multiple users, users can login to the desktop at the same time is

- A. true
- B. false

**Answer: B**

520.HDP enables fusion axis components communication and real time data synchronization. It also ensures that components deployed in active/standby mode can update the status of each other at any time.

- A. true
- B. false

**Answer: A**

521.Centralized storage means that all discs are consultant centrally deployed in the cabinet. Distributed storage means that disc are deployed in different cabinets is

- A. true
- B. false

**Answer: A**

522.If a desktop on fusion access needs to call the camera of a terminal, device redirection is recommended is this true or false

- A. true
- B. false

**Answer: A**