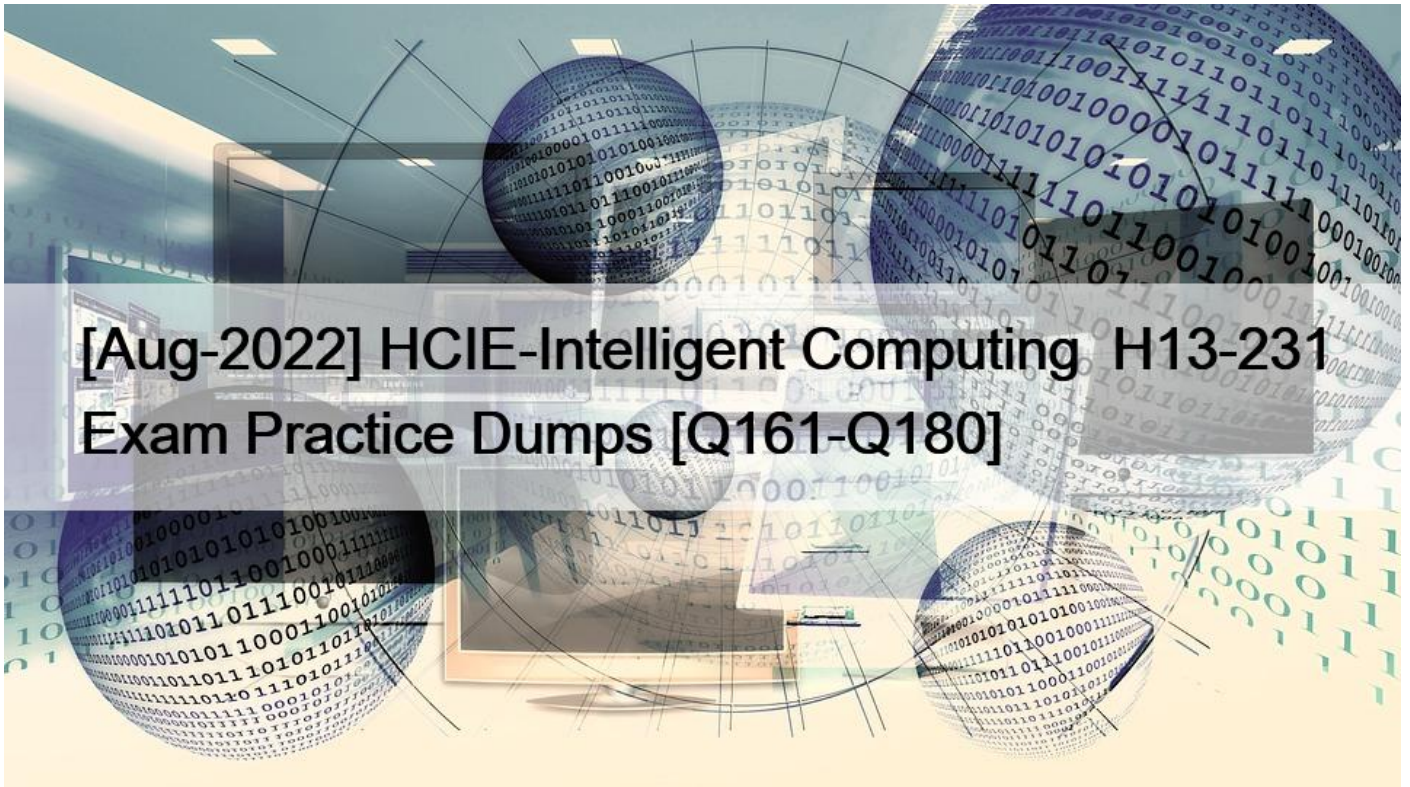


## [Aug-2022 HCIE-Intelligent Computing H13-231 Exam Practice Dumps [Q161-Q180]



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**Q161.** Use iostat to view the overall CPU usage statistics of a server and find that the value of `%iostat` is too high, which indicates that the hard disk has an IO bottleneck

- \* True
- \* False

**Q162.** In the Huawei Azure Stack hybrid cloud architecture, which of the following components does not belong to the hybrid cloud infrastructure certified by Microsoft?

- \* FusionDirector management
- \* Fusion Server 2288H V5 2U rack server
- \* 10GE/25GE unified switching network
- \* Based on Huawei's NVME SSD hyper-converged storage.

**Q163.** Moore's Law means: when the price unchanged, the number of component classes to accommodate the integrated circuit, approximately every 18-24 months will be doubled, the performance will also be doubled, in other words, the computer performance that can be bought for every dollar will more than double every 18-24 months.

- \* True
- \* False

**Q164.** The network card is mainly used to receive and send computer data. What other functions does the network card have?

(Multiple choice)

- \* Represents a fixed network address.
- \* Link management
- \* Encoding and decoding of physical layer data.
- \* Encapsulation and decapsulation of data

**Q165.** Traditional BIOS is customized for traditional 16-bit processors, with low addressing ability and poor performance, while UEFI can be applied to any 64-bit processor with strong addressing ability and excellent performance.

- \* True
- \* False

**Q166.** Which of the following statement is wrong about artificial intelligence?

- \* Artificial intelligence is a theory, method, technology and application system that uses digital computers or digital computer-controlled machines to simulate, extend and expand human intelligence, perceive the environment, and acquire knowledge and use knowledge to obtain the best results.
- \* The development trend of artificial intelligence technology is to open the technology platform, dedicated intelligence to general intelligence, and intelligent perception to intelligent cognition.
- \* Artificial intelligence is human-based intelligence.
- \* Machine learning is the core of artificial intelligence.

**Q167.** The execution efficiency of the C/C++ compiled language program running under the Kunpeng architecture is the same as that of the X86 architecture, which is higher than that of interpreted language programs such as Java.

- \* True
- \* False

**Q168.** In the Huawei Traffic Video Violation Analysis Solution, the video stream of the front-end bayonet, electric police, and surveillance camera is divided into the video stream. Which equipment is used to capture the legal behavior in the video?

- \* Atlas800AI all-in-one machine 3010
- \* Atlas500 Edge Station
- \* Illegal handling platform
- \* Surveillance camera

**Q169.** Which of the following understanding of the LVS-Tomcat cluster model is correct? (Multiple choice)

- \* LVS-TUN: IP Tunneling, in the original request IP packets to add a new IP header.
- \* Like this kind of load balancing and scheduling technology implemented in the Linux kernel, we call it Linux Virtual Server (LVS)
- \* LVS-NAT: Network Address NetworkAddressTranslation, modify the request packet destination IP
- \* LVS-DT: DirectRouting, manipulate new MAC addresses.

**Q170.** The system administrator A wants to use the vmstat command to view the active memory and inactive memory of EulerOS. Which of the following commands can achieve this purpose?

- \* vmstat -a
- \* vmstat -f
- \* vmstat -s
- \* vmstat -d

**Q171.** Heterogeneous computing is a new computing model following single-core computing and multi-core parallel computing. Which of the following descriptions of heterogeneous computing is wrong?

- \* Common computing unit categories include CPU, GPU, DSP, ASC, FPGA, etc.

- \* Moore's Law is blocked, and the surge in data is the cause of heterogeneous computing.
- \* Common heterogeneous system architectures are: CPU+GPU, GPU+FPGA, CPU+ special chip
- \* Currently popular heterogeneous programming frameworks in the industry are: OpenCL, CUDA, C++AMP

**Q172.** Which of the following does not belong to the typical application scenario of CPU?

- \* Machine translation
- \* General calculations to complete complex logic operations
- \* Video image processing scene
- \* HPC high-performance acceleration scenarios

**Q173.** Which of the following does not belong to server virtualization software?

- \* FusionComputer
- \* XenServer
- \* FusionAccess
- \* VMware ESXI

**Q174.** Which of the following description about the BIOS operating process is correct?

- \* Power on>Hardware initialization>CPU load BIOS>Load boot items>POST boot hardware self-check>Process system commands
- \* Power on>Hardware initialization>CPU load BIOS>POST power-on hardware self-check>Load boot items>Process system commands
- \* Power on>CPU load BIOS>Hardware initialization>Load boot items>POST boot hardware self-check>Process system commands
- \* Power on>CPU load BIOS>Hardware initialization>POST boot hardware self-check>Load boot items>Process system commands

**Q175.** Which of the following description about the management features of server clusters is incorrect?

- \* An independent server cluster is equivalent to a stand-alone system on the management level.
- \* The cluster software for special application scenarios has independent management interfaces and methods.
- \* The system administrator can remotely manage a cluster or even a group of clusters, just like in a stand-alone system.
- \* All server clusters can be managed by WebUI

**Q176.** Huawei's TaiShan server can well support memory I/O-intensive HPC applications. Engineers often need to perform performance tests on the HPC system after completing the construction. Which tools can be used to test the floating-point performance of computing nodes? (Multiple choice)

- \* IOR
- \* HPL
- \* Stream
- \* GPU Linpack

**Q177.** Among the following chips, which semi-custom chip not only solves the shortcomings of custom circuits, but also overcomes the limited number of gate circuits of the original programming device?

- \* CPU
- \* GPU
- \* FPGA
- \* ASIC

**Q178.** Which of the following is wrong about engineer A's understanding of LVS load balancing technology?

- \* The advantage of LVS/DR is that the server can run any operating system that supports TCP/IP, it only needs an IP address to be configured on the scheduler, and the server group can use private IP addresses.
- \* LVS/NAT is the simplest way, so RealServer only needs to point its own gateway to Director, and Director can also be a RealServer
- \* In the LVS/DR mode, the scheduler dynamically selects a server according to the load conditions of each server without

modifying or encapsulating IP packets, but changing the MAC address of the data frame to the MAC address of the selected server.

\* In the LVS/DR mode, Director and RealServer must physically have a network card connected through an uninterrupted LAN.

**Q179.** The company deployed Huawei eService software, which of the following content can eService predictive intelligence predict? (Multiple choice)

- \* Performance prediction. Predict performance trends in the next 2 months.
- \* Forecast the capacity trend in the next 12 months.
- \* Risk plate identification
- \* Detect abnormal performance and make analysis recommendations.

**Q180.** In Huawei's full-target structured solution, the accessed video and image resources are analyzed to extract the structured information of the entire membrane table of motor vehicles, non-motor vehicles, human bodies, and faces, and feature extraction is performed while video feature maps and panoramas are extracted. The graph is stored. Which layer does the component that complete the above-mentioned functions belong to?

- \* Access layer
- \* Analysis layer
- \* Application layer
- \* Data layer

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