

CompTIA A+ Certification Practice Test 12 (Exam 220-902)

► Which of the following answers refers to a software tool used for searching and installing software packages on Debian and Debian-based Linux distributions?

☐ ☐ ☐ RPM

☐ ☐ ☐ apt-rpm

☐ ☐ ☐ Yum

☐ ☒ ☐ apt-get (✗ Missed)

🚫 Your answer to this question is incorrect.

► Which of the answers listed below refers to a command used for invoking a text editor in Unix-like operating systems?

☐ ☐ ☐ edit

☐ ☐ ☐ notepad

☐ ☒ ☐ vi (✗ Missed)

☐ ☐ ☐ bcdedit

🚫 Your answer to this question is incorrect.

► A low-level utility that can be used for creating/restoring filesystem backup copies in Linux is called:

☐ ☐ ☐ fsutil

☐ ☐ ☐ diskpart

☐ ☒ ☐ dd (✗ Missed)

☐ ☐ ☐ format

🚫 Your answer to this question is incorrect.

► Which of the following terms refers to a solution that allows multiple operating systems to work simultaneously on the same hardware?

☐ ☒ ☐ Virtualization (✗ Missed)

☐ ☐ ☐ Clustering

☐ ☐ ☐ Hyperthreading

☐ ☐ ☐ Load balancing

🚫 Your answer to this question is incorrect.

► Which of the virtualization-related definitions listed below are correct? (Select 3 answers)

☐ ☐ ☐ The term "Host machine" refers to an isolated operating system installation within the host operating system


☐ ☒ ☐ An operating system run inside a virtual machine is referred to as a guest operating system (✗ Missed)

☐ ☐ ☐ The term "Virtual machine" refers to a physical computer that uses virtualization software

☐ ☒ ☐ The term "Host machine" refers to a computer that uses virtualization software to run virtual machines (✖ Missed)

☐ ☐ ☐ An operating system run inside a virtual machine is referred to as a host operating system

☐ ☒ ☐ The term "Virtual machine" refers to an isolated operating system installation within the host operating system (✖ Missed)

 Your answer to this question is incorrect.

▶ Which components would have the highest priority while building a custom workstation designed to run virtual machines? (Select 2 answers)


☐ ☐ ☐ High-capacity HDD

☐ ☒ ☐ Maximum amount of RAM (✖ Missed)

☐ ☐ ☐ Specialized GPU

☐ ☐ ☐ High-end cooling

☐ ☒ ☐ Multicore CPU (✖ Missed)

 Your answer to this question is incorrect.


▶ Hardware enhancements adding support for virtualization developed by AMD for its CPUs are known as:

☐ ☐ ☐ Hyper-V

☐ ☐ ☐ AMD Catalyst

☐ ☐ ☐ VT-x

☐ ☒ ☐ AMD-V (✖ Missed)

 Your answer to this question is incorrect.


▶ A set of Intel CPU hardware enhancements improving support for virtualization is called:

☐ ☐ ☐ EPV

☐ ☒ ☐ VT-x (✖ Missed)

☐ ☐ ☐ Catalyst


☐ ☐ ☐ Hyper-V

 Your answer to this question is incorrect.

▶ The term "Emulator" refers to a solution that allows to bridge the gap between different OSs by enabling them to run software specifically designed for other (incompatible) operating systems.

☐ ☒ ☐ True (✖ Missed)

☐ ☐ ☐ False

 Your answer to this question is incorrect.

▶ In virtualization technology, a software program that manages multiple operating systems (or multiple instances of the same operating system) on a single computer system is called:

☐ ☒ ☐ Hypervisor (✖ Missed)

☐ ☐ ☐ Virtual switch

☐ ☐ ☐ Host machine

☐ ☐ ☐ Virtual machine

🚩 Your answer to this question is incorrect.

▶ Which of the following statements describe(s) disadvantages of virtualization? (Select all that apply)

☐ ☒ ☐ ☐ Multiple virtual machines run on a single host share hardware resources which has a degrading effect on performance (✖ Missed)

☐ ☐ ☐ Deployment of different types of operating systems or multiple copies of the same operating system or application becomes more difficult in a virtualized environment due to hardware configuration issues

☐ ☐ ☐ On a larger scale, virtualization has a negative effect on operational costs due to increased power supply requirements

☐ ☒ ☐ ☐ Hardware used for hosting virtual machines becomes a single point of failure (✖ Missed)

🚩 Your answer to this question is incorrect.

▶ A cloud computing service model offering remote access to applications based on monthly pricing or annual subscription fee is called:

☐ ☐ ☐ PaaS

☐ ☒ ☐ ☐ SaaS (✖ Missed)

☐ ☐ ☐ IaaS

🚩 Your answer to this question is incorrect.

▶ In which of the cloud computing service models clients, instead of buying all the hardware and software, purchase computing resources as an outsourced service from suppliers who own and maintain all the necessary equipment and software?

☐ ☒ ☐ ☐ IaaS (✖ Missed)

☐ ☐ ☐ SaaS

☐ ☐ ☐ PaaS

🚩 Your answer to this question is incorrect.

▶ Which of the following cloud service types would provide the best solution for a web developer intending to create a web app?

☐ ☐ ☐ SaaS

☐ ☒ ☐ ☐ PaaS (✖ Missed)

☐ ☐ ☐ IaaS

🚩 Your answer to this question is incorrect.

▶ Which of the answers listed below refers to a cloud computing deployment model in which the cloud infrastructure is provisioned for open use by the general public?

☐ ☐ ☐ Hybrid cloud


☐ ☐ ☐ Private cloud

☐ ☐ ☐ Community cloud


☐ ☒ ☐ ☐ Public cloud (✖ Missed)

🚩 Your answer to this question is incorrect.


► A cloud deployment model consisting of two or more interlinked cloud infrastructures (private, community, or public) is referred to as a hybrid cloud.

☐ ☒  True (✖ Missed)

☐ ☐ ☐ False

 Your answer to this question is incorrect.


► Which of the terms listed below refers to a cloud computing feature that allows for automatic allocation of computing resources in proportion with the demand?

☐ ☒  Rapid elasticity (✖ Missed)

☐ ☐ ☐ Measured service


☐ ☐ ☐ On-demand self-service

☐ ☐ ☐ Resource pooling

 Your answer to this question is incorrect.


► Which of the following terms applies to cloud computing feature that allows consumers to control the volume and type of utilized computing resources?

☐ ☐ ☐ Measured service

☐ ☒  On-demand self-service (✖ Missed)

☐ ☐ ☐ Broad network access

☐ ☐ ☐ Rapid elasticity


 Your answer to this question is incorrect.


► In cloud computing, the practice of grouping together computing resources and making them available for shared access for multiple consumers is referred to as:

☐ ☐ ☐ Broad network access

☐ ☐ ☐ Measured service

☐ ☐ ☐ On-demand self-service


☐ ☒  Resource pooling (✖ Missed)

 Your answer to this question is incorrect.

► In cloud computing, the term "Measured service" refers to the cloud provider's ability to track the computing resources consumers are accessing as well as the amount of resources they are consuming. It provides transparency for both the provider and consumer and is used, among other applications, for the purpose of billing.


☐ ☒  True (✖ Missed)

☐ ☐ ☐ False

 Your answer to this question is incorrect.

► What is the function of an HTTP server?

☐ ☐ ☐ File storage

☐ ☒  Serving of web pages (✖ Missed)

☐

☐

☐

Name resolution

☐

☐

☐

Email handling



Your answer to this question is incorrect.

▶ A dedicated file server is also referred to as:

☐

☐

☐

SMTP server

☐

☐

☐

DNS server

☐


☐

☐


HTTP server

☐

☒



FTP server (✖ Missed)



Your answer to this question is incorrect.

▶ Which of the server types listed below is used to assign dynamic IP addresses to devices on a network?

☐


☐

☐

DNS server

☐

☒



DHCP server (✖ Missed)

☐

☐

☐


FTP server

☐

☐

☐

HTTP server



Your answer to this question is incorrect.

▶ In order to be able to connect to a website and display its contents, a URL entered in the web browser address bar needs to be translated into an IP address. Which of the following server types is used to handle this type of request?

☐

☐

☐

ICS server

☐


☐

☐

Web server

☐

☒




DNS server (✖ Missed)

☐

☐

☐

DHCP server



Your answer to this question is incorrect.

▶ In computer networks, a computer system or an application that acts as an intermediary between another computer and the Internet is commonly referred to as:

☐

☐

☐

Bridge

☐

☐

☐

Active hub

☐


☐

☐


Web server

☐

☒



Proxy (✖ Missed)



Your answer to this question is incorrect.

Your Final Report	
Total marks	29
Total Questions	25
Questions correctly answered	0

Success ratio	0%
Marks secured	0
Percentage secured	0%



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