

CompTIA

220-1201 Exam

CompTIA A+ Core 1 Exam (2025)

**Questions & Answers
Demo**

Version: 6.0

Topic 1, Main Questions

Question: 1

[Virtualization and Cloud Computing]

Which of the following is an advantage of using a hybrid cloud instead of a public cloud?

- A. Ability to reduce management overhead
- B. Ability to use cross-platform virtualization
- C. Ability to meet data residency requirements
- D. Ability to leverage IaaS and PaaS

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

A hybrid cloud combines on-premises infrastructure with public cloud services. One significant advantage is that it allows organizations to keep sensitive data in a private environment to meet regulatory or data residency requirements, while still utilizing the scalability and cost-efficiency of the public cloud for other workloads. This ensures compliance with legal mandates about data location.

Reference: "CompTIA A+ Complete Study Guide" by Quentin Docter – Chapter 8, "Virtualization and Cloud Computing", page 488. Also supported in CompTIA A+ Exam Objectives 220-1201 under section 4.1.

Question: 2

[Hardware]

Which of the following tools would a technician use to connect wires to an RJ45 connector?

- A. Crimper
- B. Cable stripper
- C. Punchdown

D. Loopback plug

Answer: A

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

A crimper is specifically used to attach RJ45 connectors to the ends of network cables. It presses the connector pins into the cable's wires, establishing a secure electrical connection. A punchdown tool is used for wiring patch panels or keystone jacks, not for attaching connectors.

Reference: "CompTIA A+ Complete Study Guide" by Quentin Docter – Chapter 3, "Cables and Connectors", page 162. Also outlined in the 220-1201 objectives under 3.1.

Question: 3

[Virtualization and Cloud Computing]

A company deploys server machines in a public cloud. Which of the following cloud service models is this an example of?

- A. Platform as a service
- B. Anything as a service
- C. Infrastructure as a service
- D. Software as a service

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Infrastructure as a Service (IaaS) provides virtualized computing resources over the internet. This includes virtual servers, storage, and networking. Deploying server machines falls under IaaS since the organization is responsible for managing the OS and applications on top of the infrastructure.

Reference: "CompTIA A+ Complete Study Guide" by Quentin Docter – Chapter 8, "Virtualization and Cloud Computing", page 488-490. Also found in the 220-1201 objectives, section 4.1.

Question: 4

[Hardware and Network Troubleshooting]

A customer reports their tablet was recently dropped on the ground. The tablet has a small crack in one corner of the display, and it does not charge when plugged in. Which of the following should a technician do first?

- A. Perform a hard restart.
- B. Replace the battery
- C. Inspect the USB-C port for damage
- D. Run diagnostics on the digitizer

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Physical damage from dropping a tablet may often affect ports or connectors. Before taking deeper diagnostic or replacement steps, it's important to visually inspect the USB-C charging port for damage or debris. If the port is damaged, charging issues can occur regardless of battery health.

Reference: "CompTIA A+ All-in-One Exam Guide, 11th Edition" by Mike Meyers – Chapter 25, "Maintaining and Securing Mobile Devices", page 879.

Question: 5

[Networking]

A customer needs to install a new printer in their network. The customer reports that users had intermittent connectivity issues with previous printers. Which of the following should the technician configure on the new printer to prevent this issue?

- A. Gateway IP address
- B. DHCP IP address
- C. Static IP address
- D. Public IP address

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Intermittent connectivity issues with network printers are commonly caused by changing IP

addresses when using DHCP. Assigning a static IP address ensures that the printer is always reachable at the same IP address by client machines.

Reference: "CompTIA A+ Complete Study Guide" by Quentin Docter – Chapter 4, "Printers and Multifunction Devices", page 241.