https://www.geekcert.com/220-1101.html
GeekCert.com

220-1101^{Q&As}

CompTIA A+ Certification Exam: Core 1

Pass CompTIA 220-1101 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.geekcert.com/220-1101.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by CompTIA
Official Exam Center

⚙ **Instant Download** After Purchase

⚙ **100% Money Back** Guarantee

⚙ **365 Days** Free Update

⚙ **800,000+** Satisfied Customers

QUESTION 1

A company uses legacy accounting software, and no replacement is available. Which of the following virtualization solutions will the company MOST likely select?

A. Network

B. Storage

C. Desktop

D. Sandbox

Correct Answer: C

Desktop virtualization allows multiple virtual desktop instances to run on a single physical computer. This can be a suitable solution for a company using legacy accounting software that may not be compatible with modern operating systems or hardware. By virtualizing the desktop environment, the company can continue to run the legacy software on a virtual machine while maintaining compatibility and isolation from the host system. It provides a way to extend the life of the legacy software without having to find a replacement or upgrade the underlying hardware and operating system.

QUESTION 2

A technician is setting up a projector for a videoconferencing system. The laptop that the technician is using is set to the correct resolution. The projector is receiving a signal, but the image is distorted. Which of the following most likely explains the issue?

A. The projector\\'s aspect ratio is set incorrectly.

B. The laptop\\'s video card has failed.

C. The projector\\'s bulb is burned out.

D. The display brightness needs to be adjusted.

Correct Answer: A

Explanation: The most likely explanation for the distorted image on the projector is that the projector\\'s aspect ratio is set incorrectly. The aspect ratio is the ratio of the width to the height of the image, and it affects how the image is displayed

on the screen. If the aspect ratio of the projector does not match the aspect ratio of the laptop, the image may appear stretched, squashed, cropped, or letterboxed.

To fix the distorted image, the technician should follow these steps:

Check the aspect ratio of the laptop and the projector. The aspect ratio of the laptop can be found in the display settings of the operating system, such as Windows or Mac OS. The aspect ratio of the projector can be found in the user manual

or the on-screen menu of the projector. Common aspect ratios are 4:3,

16:9, and 16:10.

Adjust the aspect ratio of the projector to match the aspect ratio of the laptop. The technician can use the remote control or the buttons on the projector to access the on-screen menu and select the appropriate aspect ratio option. Some

projectors may have a dedicated aspect ratio button on the remote control or the projector itself.

Verify that the image is displayed correctly on the screen. The technician can use the zoom, focus, or keystone buttons on the projector or the remote control to fine- tune the image quality and alignment.

References:

How to Fix Projector Display Problems - Projectors Tab1 Correcting Distorted Projector Images - Projector Repair World Hyd2 How to Adjust the Aspect Ratio on a Projector - Lifewire

---

QUESTION 3

A technician is troubleshooting a computer that has a loud system fan and randomly freezes and reboots. Which of the following is the most likely cause of these issues?

A. Failing hard drive

B. Defective power supply

C. Incompatible hardware

D. Overheating processor

Correct Answer: D

Explanation: An overheating processor is the most likely cause of a computer that has a loud system fan and randomly freezes and reboots. A processor generates heat when it performs calculations, and if the heat is not dissipated properly, it can damage the processor or cause it to malfunction. A loud system fan indicates that the fan is working harder to cool down the processor, but it may not be enough to prevent overheating. A computer that freezes and reboots randomly is a common symptom of an overheating processor, as the system tries to protect itself from further damage by shutting down or restarting. The other options are not as likely to cause these issues. A failing hard drive may cause data loss, corruption, or slow performance, but it does not affect the system fan or the processor temperature. A defective power supply may cause the computer to shut down unexpectedly, but it does not cause the system fan to be loud or the processor to overheat. Incompatible hardware may cause the computer to fail to boot, display errors, or crash, but it does not cause the system fan to be loud or the processor to overheat. To troubleshoot and resolve an overheating processor issue, the technician should check and clean the air vents, provide proper ventilation, apply thermal paste, replace the fan or the heat sink, or upgrade the processor if necessary. The technician should also update the BIOS and the device drivers, adjust the power settings, and monitor the system temperature using diagnostic tools.

References: CompTIA A+ Certification ore 1 Objectives1 The Official CompTIA A+ Core 1 Student Guide (Exam 220-1101) eBook2 How to Troubleshoot Fan Issues | Dell US3 Why your laptop fan is loud and how to fix it | Asurion4 HP Notebook PCs - Fan is noisy and spins constantly (Windows)5

QUESTION 4

An internet service provider is delivering service through a copper medium with shared customer bandwidth. Which of the following services has most likely been installed?

A. Fiber

B. Cable

C. NIC

D. DSL

Correct Answer: B

Explanation: Cable internet service is delivered through coaxial cables that are shared among multiple customers in a neighborhood. This means that the bandwidth may vary depending on the network congestion. Fiber, NIC, and DSL are not copper-based or shared mediums.

Reference: CompTIA A+ Core 1 (220-1101) Certification Study Guide, page 28.

QUESTION 5

A technician goes to a classroom to troubleshoot a projector that occasionally powers off. The technician recreates the issue and notices the projector will not power back on until approximately 15 minutes have passed. After 15 minutes of being powered on. the projector shuts off again. Which of the following should the technician perform NEXT to resolve the issue?

A. Clean the filter.

B. Adjust the standby timeout.

C. Check the power cable connection.

D. Replace the bulb.

Correct Answer: A

Based on the given information, it seems that the projector is experiencing issues with overheating or a faulty power supply. The fact that it shuts off and cannot be turned back on until it has cooled down for 15 minutes suggests that the projector is overheating or there is a problem with the power supply. Therefore, the next logical step would be to clean the filter to ensure proper ventilation and airflow, as a dirty filter can cause overheating.