



TRUSTED, ACCURATE AND RELIABLE!

The most comprehensive IT certification
preparation materials in the industry!

All rights reserved. No part of this document may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the publisher, except in the case of brief quotations embodied in critical reviews and certain other non-commercial uses permitted by copyright law. Unauthorized copying, reselling, or distribution of this document is strictly prohibited and may result in legal action.

<https://www.virtulearner.com>
support@virtulearner.com

Dell EMC

D-PE-OE-23

Dell PowerEdge Operate

Exam Topic: 1, Misc. Questions Set**QUESTION: 1**

Exhibit.



A customer notices that an indicator on the left control panel of the PowerEdge Server has turned solid amber.

What does this indicate?

- A. PCIe card is present.
- B. PCIe card performing a firmware update.
- C. PCIe card temperature is normal.
- D. PCIe card experiences an error.

Answer(s): D

Explanation:

Dell PowerEdge servers are equipped with various LED indicators on the left control panel to provide immediate visual feedback about the server's status and component health. These indicators help in quickly identifying and troubleshooting issues without needing to access the system logs immediately.

Analyzing the Visual Indicators (Server Troubleshooting - 32%)

As per the "Server Troubleshooting" section, one of the key skills is to "Analyze the visual indicators on server components - system ID, PSU, and BLINK."

Color Codes and Their Meanings

Solid Green Light: Indicates normal operation.

Blinking Green Light: Indicates activity (such as data transfer).

Solid Amber Light: Indicates a fault or error condition.

Blinking Amber Light: Indicates a critical error or failure.

Application to the PCIe Card Indicator

In this scenario, the customer notices that an indicator on the left control panel has turned solid amber. Specifically, this indicator is associated with the PCIe card.

Option A: "PCIe card is present."

Presence is usually indicated by a solid green light, not amber.

Option B: "PCIe card performing a firmware update."

Firmware updates are often indicated by blinking lights but typically not solid amber.

Option C: "PCIe card temperature is normal."

Normal temperature conditions would not trigger an amber light; instead, they would maintain a

solid green light.

Option D: "PCIe card experiences an error."

A solid amber light directly correlates with an error condition in the component.

Conclusion

Given the meaning of the solid amber indicator and its association with error conditions in Dell PowerEdge servers, the correct interpretation is that the PCIe card is experiencing an error.

Dell Operate Reference

Server Components (26%): Understanding server components like PCIe cards is crucial. Server Troubleshooting (32%): Analyzing visual indicators is a key troubleshooting step. Analyze the visual indicators on server components: Knowing the significance of LED colors aids in swift problem identification.

QUESTION: 2

What IP address does an administrator connect to the iDRAC Direct USB port?

- A. 169.254.0.3
- B. 169.254.0.4
- C. 192.168.1.20
- D. 192.168.0.20

Answer(s): A

Explanation:

Understanding the iDRAC Direct USB Port and Its Default IP Address Server Management and Configuration Tools (14%)

Define the function of the iDRAC, login procedures, licensing, and connection methods

Overview of iDRAC Direct USB Port

The Integrated Dell Remote Access Controller (iDRAC) provides remote management capabilities for Dell PowerEdge servers. The iDRAC Direct USB port allows administrators to connect directly to the iDRAC interface using a USB cable, facilitating quick and secure server management without needing network access.

Default IP Address for iDRAC Direct USB Port

When an administrator connects to the iDRAC Direct USB port, the connection is assigned a default IP address to establish communication between the server and the management station. The default IP address is crucial for accessing the iDRAC web interface via a browser. The default IP address for the iDRAC Direct USB connection is 169.254.0.3.

Explanation of Options

Option A: 169.254.0.3

Correct Answer: This is the default IP address assigned to the iDRAC Direct USB port for direct management access.

Option B: 169.254.0.4

Incorrect: This IP address is not the default for the iDRAC Direct USB port.

Option C: 192.168.1.20

Incorrect: While this is a common private IP address, it is not used by default for iDRAC Direct USB connections.

Option D: 192.168.0.20

Incorrect: Similar to Option C, this is a private IP address but not associated with the iDRAC Direct USB port.

Dell Operate Reference