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Exam : **C1000-196**

Title : IBM DataPower Gateway
v10.x Administrator -
Professional

Vendor : IBM

Version : DEMO

NO.1 What is the most effective method to monitor the health of an IBM DataPower Gateway appliance in real-time?

- A. Using the command-line interface to check logs
- B. Enabling system event logs to track all user actions
- C. Configuring SNMP for continuous monitoring
- D. Connecting a debugger to the appliance for detailed diagnostics

Answer: C

NO.2 Which mode does the HSM operate in once initialized?

- A. FIPS 140-2 Security level 2
- B. FIPS 140-3 Security level 3
- C. Polymorphic encryption mode
- D. Common Criteria (EAL4) mode

Answer: B

NO.3 What is the best practice for performing a firmware downgrade on the DataPower appliance?

- A. Perform a backup, then initiate the downgrade process from the web GUI
- B. Downgrade the firmware during off-peak hours and avoid user interaction during the process
- C. Only perform a firmware downgrade if a critical issue is identified in the latest version
- D. Downgrade firmware without backing up the appliance configurations

Answer: C

NO.4 Which of the following best describes the difference between a reload and a reboot of the DataPower appliance?

- A. A reload restarts only the services, while a reboot restarts the entire appliance
- B. A reload stops all services and clears the appliance's configurations, while a reboot leaves services intact
- C. A reload applies system updates, while a reboot clears the system cache
- D. A reload and reboot perform the same function and can be used interchangeably

Answer: A

NO.5 Scenario: You are troubleshooting an issue where a critical service on a DataPower appliance is not responding as expected. Upon checking the system logs, you notice several warnings but no clear errors.

What steps should you take to further investigate and resolve the issue? (Choose two)

- A. Run a packet capture to inspect the traffic between the appliance and external systems
- B. Check the appliance's CPU and memory utilization to ensure there are no resource bottlenecks
- C. Reboot the appliance to reset the system and check for any improvements
- D. Disable all non-essential services to free up resources

Answer: A,B

NO.6 Which of the following tools should you use to capture detailed traffic flow data for troubleshooting network issues in DataPower Gateway?

- A. SNMP monitoring
- B. Packet capture tool
- C. Remote debugger
- D. CLI command history

Answer: B

NO.7 What should be the priority action if DataPower Gateway is experiencing high utilization in a production environment?

- A. Reboot the appliance to clear high utilization
- B. Quiesce the appliance to stop non-essential tasks
- C. Add more memory and CPU resources to the appliance
- D. Reduce the number of active services to minimize load

Answer: B

NO.8 Scenario: While monitoring the performance of the DataPower appliance, you notice that the system logs show periodic spikes in CPU utilization.

What steps should you take to diagnose the cause of these spikes? (Choose two)

- A. Monitor real-time CPU utilization using system tools
- B. Reboot the appliance to see if the issue persists after reset
- C. Analyze the service logs to see which processes are using excessive CPU
- D. Increase the CPU resources available to the appliance

Answer: A,C

NO.9 Scenario: During troubleshooting, you find that the DataPower appliance's logging system is not providing adequate information for diagnosing an issue.

Which steps should you take to improve log visibility and assist with problem resolution? (Choose two)

- A. Increase the logging level to capture more detailed information
- B. Disable logging temporarily to prevent large log files from accumulating
- C. Direct logs to an external server for better log management
- D. Clear the existing logs to free up space for new log entries

Answer: A,C

NO.10 When configuring Role-Based Management (RBM) on the DataPower appliance, what is the primary benefit?

- A. It simplifies password management for administrators
- B. It ensures that only authorized users can access and modify specific appliance features
- C. It enables encryption for all user data on the appliance
- D. It provides automated backup and restore functions

Answer: B

NO.11 Scenario: You are planning a deployment of a DataPower appliance that will require robust monitoring of physical devices and high network availability.

Which two considerations should you prioritize when selecting the appropriate form factor? (Choose two)

- A. Ensure the appliance supports intrusion detection for the physical devices connected to it
- B. Choose a form factor that allows for quick installation with minimal configuration requirements
- C. Select a form factor with high redundancy features to minimize downtime during a failure
- D. Opt for a form factor with lower network throughput to reduce energy consumption

Answer: A,C

NO.12 Scenario: You are tasked with ensuring that a DataPower appliance has both internal and external network access. After configuring the appliance's interfaces, you are asked to verify that it is reachable from both internal and external systems.

What steps should you take? (Choose two)

- A. Verify network interface configurations and test connectivity from internal and external networks
- B. Check if the appliance's firewall allows connections from both internal and external networks
- C. Disable all external network connections to limit access to the appliance
- D. Perform a packet capture on the interfaces to ensure proper communication

Answer: A,B