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Exam : HPE7-S01

**Title : Advanced HPE Compute
Architect Written Exam**

Version : DEMO

- 1.Unlike the AI Administrator who focuses on the software stack (Kubeflow, Ray), what is the primary monitoring scope unique to the Cloud Administrator role in HPE Private Cloud AI?
- A. Monitoring the health and performance of the physical infrastructure (Compute nodes, Storage arrays, and Management plane).
 - B. Monitoring the execution status of Airflow DAGs.
 - C. Monitoring the number of active Jupyter Notebook sessions.
 - D. Monitoring the accuracy of trained machine learning models.

Answer: A

- 2.A Data Scientist is working within a Jupyter Notebook on HPE AI Essentials and wants to interactively manage a Spark session connected to the Livy server.
- Which "magic" command should the scientist execute in a Python cell to open the management widget for creating and attaching to Livy sessions?

- A. %%sql
- B. %manage_spark
- C. %connect_livy
- D. !spark-submit

Answer: B

- 3.When designing the storage configuration for HPE ProLiant DL325 Gen11 servers acting as Control Plane nodes in a Red Hat OpenShift cluster, you need to ensure high availability for the Operating System.

What is the recommended local storage configuration for the OS boot volume?

- A. 2 x NVMe/SAS SSDs in RAID 1 (Mirror)
- B. Boot from SAN via Fibre Channel
- C. 4 x HDDs in RAID 5
- D. 1 x USB Boot Drive

Answer: A

- 4.An AI User reports that their Spark application failed. The application pod is no longer running (terminated).

How can the user view the historical logs and execution details for this terminated application within the HPE AI Essentials environment?

- A. Check the "Activity" tab in the HPE GreenLake console.
- B. Access the Spark History Server from the Tools & Frameworks menu.
- C. There is no way to view logs for terminated applications.
- D. Use kubectl logs on the deleted pod.

Answer: B

- 5.A customer wants to deploy an "All-Flash" HPE Cray Storage Systems C500. They have selected the baseline configuration (SMU + CSU).

What is the requirement for the Converged Storage Unit (CSU) drive population before they can add an SSU-F expansion enclosure?

- A. The CSU must use SAS SSDs, while the SSU-F uses NVMe.

- B. The CSU can be half-populated (12 SSDs).
- C. The CSU must be fully populated with 24 NVMe SSDs.
- D. The CSU must be empty, as it acts only as a controller.

Answer: C