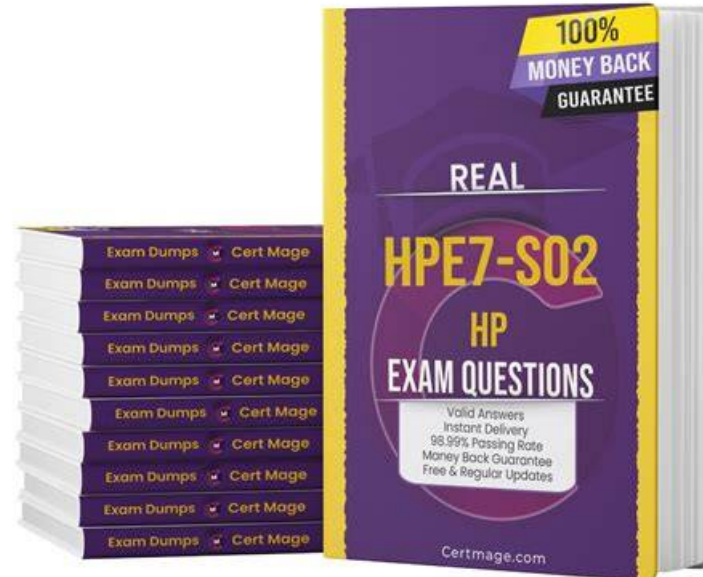


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Section	Weight	Objectives
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HPE AI Essentials: Data Analytics and Data Science	15%	- Data pipelines and processing - Analytics and machine learning tools
High Performance Computing (HPC) Design and Management	10%	- Architecture and scaling - Management and monitoring
HPE ProLiant Gen12 for AI	20%	- AI-optimized compute design - GPU integration and configuration - Server architecture and components
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Integration with Third-Party Platforms	15%	- VMware integration - Red Hat OpenShift and Kubernetes integration
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HP Advanced HPE Compute Integrator Solutions Written Exam Sample Questions (Q39-Q44):

NEW QUESTION # 39

Which RESTful API standard does HPE use across iLO, OneView, and HPE Cray Storage Systems to enable consistent scripted management?

- A. Redfish
- B. IPMI
- C. WBEM
- D. SNMP

Answer: A

Explanation:

Redfish is the industry-standard RESTful API (with the Swordfish extension for storage) that HPE has adopted across its infrastructure management interfaces for consistent, scriptable, JSON- based management. SNMP and IPMI are legacy protocols with more limited data models, and WBEM/CIM has largely been superseded by Redfish.

NEW QUESTION # 40

Which HPE ProLiant Gen11 memory feature helps maintain uptime by isolating a failing DIMM rank without requiring a server reboot?

- A. Memory Mirroring
- B. Advanced Memory Error Detection
- C. Lockstep Mode
- D. Post Package Repair (PPR)

Answer: D

Explanation:

Post Package Repair allows a failing memory location to be repaired at runtime (soft PPR) or at boot (hard PPR) without replacing the DIMM, improving uptime. Memory Mirroring and Lockstep provide redundancy but at a higher resource cost, and Advanced Memory Error Detection is a general monitoring capability, not an isolation/repair mechanism.

NEW QUESTION # 41

You are helping a customer troubleshooting performance issues on an HPE ProLiant DL server acting as a VMware ESXi host. You have used the esxtop command, and the output is shown below. (In this output, the details for many VMs have been omitted; however, other VMs have similar stats to the ones that are shown.)

```

...
#CPU panel
8:12:54 pm up 305 days 10 min, 112 worlds, 42 VMs, 96 vCPUs; CPU load average: .89, .88, .84
ID GID NAME NWLD %USED %RUN %SYS %WAIT %VMWAIT %RDY %IDLE %OVRP %CSTP %MLMTD %SWPWT
278126 278126 VM1 13 2.12 2.30 0.24 612.93 0.06 1.45 136.46 0.44 0.12 0.00 0.00
279323 279323 VM2 10 0.88 0.82 0.07 321.67 0.00 0.31 199.46 0.01 0.00 0.00 0.00
<-output omitted->
#Memory panel
PMEM /MB: 4095 total: 3028 vmk, 952 other, 122 free
VMKMEM/MB: 4087 managed: 244 minfree, 3020 rsvd, 1057 ursvd, state hard
PSHARE/MB: 1444 shared, 154 common: 1290 saving
SWAP /MB: 172 curr, 160 rclmtgt: 0.02 r/s, 0.00 w/s
ZIP /MB: 15 zipped, 9 saved
MEMCTL/MB: 1167 curr, 1310 target, 3327 max

# Storage panel
GID VMNAME VDEVNAME NVDISK CMDS/s READS/s WRITES/s MBREADS/s MBWRTN/s LAT/rd LAT/wr
278126 VM1 - 1 6.33 0.00 6.54 0.00 0.15 0.00 4.32
279323 VM2 - 3 35.11 14.32 10.32 0.31 0.32 3.124 4.12
<-output omitted->

```

Based on this output, what should you explain?

- A. The host needs processors with more cores, or some VMs need to be moved to other hosts.
- **B. The host needs more memory, or some VMs need to be moved to other hosts.**
- C. The performance issues derive from the storage network, which needs higher bandwidth.
- D. The performance issues derive from the storage backend, which might require a controller upgrade.

Answer: B

Explanation:

The ESXi memory state is hard, with very little free memory, active ballooning, and swapping.

This indicates host memory pressure, so the fix is to add memory or reduce VM load on the host.

NEW QUESTION # 42

A customer wants to manage the full lifecycle of their HPE ProLiant Gen11 servers - including firmware updates, monitoring, and remote console access - from a single cloud-based console without deploying an on-premises management appliance. Which HPE solution should the integrator recommend?

- A. HPE SIM (Systems Insight Manager)
- B. HPE Insight Remote Support
- C. HPE OneView
- **D. HPE Compute Ops Management**

Answer: D

Explanation:

HPE Compute Ops Management is the cloud-based, GreenLake-delivered management platform for ProLiant/Synergy/Apollo systems, providing lifecycle management, monitoring, and remote console access without requiring a local management appliance. HPE OneView is typically deployed on-premises (or as a VM), Insight Remote Support is focused on support-case automation, and SIM is a legacy product.

NEW QUESTION # 43

Which HPE tool would an integrator use to perform a pre-deployment health and compliance scan across a large fleet of ProLiant servers, checking firmware levels against best-practice baselines?

- A. HPE Smart Update Manager (SUM) only
- B. HPE Insight Diagnostics
- **C. HPE iLO Amplifier Pack**

[illegible]