IBM

C1000-031 Exam

IBM Power Systems Scale-Up Technical Sales Exam

Questions & Answers
Demo

Version: 9.0

Question: 1

Which of the following is a benefit of the POWER9 processor with Power Enterprise Servers when compared to x86?

A. DDR4 Memory
B. More cores per socket
C. More threads per core
D. NVIDIA Tesla V100

Answer: B

Explanation:
Reference:
https://www.ibm.com/it-infrastructure/power/power9

Question: 2

An IBM Business Partner is designing a solution with two POWER9 processor-based servers, an IBM V7000 storage, and IBM SAN switches.
Which of the following will allow them to check the compatibility of software, device drivers, multipathing, and other technical specifications?

A. IBM Facts and Features
B. IBM System Storage Interoperation Center (SSIC)
C. e-config
D. Support web sites of the potential Original Equipment Manufacturers (OEM)

Answer: B

Question: 3

A customer has a significant investment in open source software for performing in-memory analytics. This
workload is currently deployed on Linux and recent x86 hardware.
What advantage would a POWER9 processor-based server provide this customer?

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A. Faster ChipKill correction rate
B. More cache per core
C. More cores per socket
D. Faster PCIe bandwidth

Answer: C

Question: 4

Due to an emergency situation, a customer needs to activate all processor and memory resources in a Power System E980 for ten days.
Which of the following could be used to achieve this need with the least possible cost?

A. Elastic CoD
B. Trial CoD
C. Utility CoD
D. Static Activation

Answer: A

Explanation:
Reference:
https://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/6/877/
ENUSZG18-0086/index.html&request_locale=en

Question: 5

Which component of PowerSC monitors AIX systems, maintains security, and provides alerts when a change to the system violates a configuration policy?

A. Trusted Logging
B. Real Time Compliance
C. Security and Compliance Automation
D. Trusted Surveyor

Answer: C

Explanation:
Reference:
ftp://public.dhe.ibm.com/systems/power/community/aix/
PowerVM_webinars/22_PowerSC_Overview.pdf

Question: 6

What is the advantage of NVMe U.2 flash drives on a Power System E980 SAP HANA BW

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implementation?

A. They can provide internal boot capability for dual VIOS.
B. They allow for Live Partition Mobility of HANA databases through CAPI 2.0.
C. They can provide AIX Preferred Read storage to reduce SAN latency.
D. They can act as an extension to memory for HANA databases.

Answer: C

Question: 7

A customer with a Power System E880C is considering a model conversion to a Power System E980.
They currently have Elastic CoD enabled.
Which of the following steps will need to be completed to continue to use Elastic CoD on the Power
System E980?

A. Prepay for Elastic CoD usage when placing the upgrade MES order for the Power System E980.
B. Reorder the Elastic CoD enablement features when placing the upgrade MES order for the Power
System E980.
C. Reorder the Utility CoD enablement features when placing the upgrade MES order for the Power
System E980.
D. Convert static activations to mobile activations when placing the upgrade MES order for the Power
System E980.

Answer: A

Explanation:
Reference:
https://www-01.ibm.com/common/ssi/cgi-bin/ssialias?htmlfid=899/ENUSLG18-
0083&infotype=AN&subtype=CA

Question: 8

A customer requires that each client partition have access to two different VLANs. VLAN tagging will
NOT be used in the environment.
There will be four client partitions, each of which will be connected to VLAN1 and VLAN2.
There will be two VIOS.
Redundant Ethernet connections will be accomplished using the Shared Ethernet Adapter (SEA) and
dual VIOS.
What is the minimum number of Ethernet ports that will be required in each VIOS?

A. 8
B. 4
C. 6
D. 2

Answer: B

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Explanation:
Reference:
https://www.ibm.com/developerworks/aix/tutorials/au-sea-config/index.html

Question: 9

A customer has four AIX VMs, each running a different application that needs simultaneous read/write access to the same files.
Which of the following products should be recommended?

A. Power HA Enterprise Edition
B. Spectrum Scale
C. Spectrum Protect
D. Power HA Standard Edition

Answer: A

Question: 10

A customer with an AIX in-house SMT2 application on POWER6 would like to upgrade to POWER9. The
customer would like to know the relative performance of the servers.
Which resource provides the SMT2 performance of the two systems?

A. IBM Performance Management for Power Systems
B. IBM Power Systems Performance Report
C. IBM Power Systems Facts and Features
D. IBM Systems Workload Estimator

Answer: A

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