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Exam : IBM 000-100

Title : ENTERPRISE TECHNICAL SUPPORT FOR AIX AND
LINUX

Version : **DEMO**

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1. What command is used to create an application Workload Partition?

- A.mkwpar
- B.crwpar
- C.wparexec
- D.mkappwpar

Answer: C

2. A customer wants to use Live Partition Mobility for system maintenance. What is the minimum requirement?

- A.PowerHA
- B.Virtual I/O server 1.4
- C.PowerVM Standard Edition
- D.PowerVM Enterprise Edition

Answer: D

3. A customer has a requirement for a new LPAR to run SUSE Linux using a SCSI adapter that is not currently supported in Linux. Which of the following solutions should be recommended?

- A.Assign the adapter to a VIO Server.
- B.Use AIX drivers to install the adapter in the Linux LPAR.
- C.Use Linux Affinity in AIX to move the application from SUSE to AIX.
- D.NFS mount the disks from an AIX LPAR hosting the SCSI adapter, to the Linux LPAR.

Answer: A

4. A system administrator has received a sysplan file to configure a new server. Which of the following is the method to deploy the new server with minimal effort?

- A.Copy file on HMC and deploy partitions.
- B.Send file to IBM deployment portal for conversion.
- C.Copy the file to the managed system and run the deploy application.
- D.Execute file in System Planning tool and chose destination server to automatically deploy partitions.

Answer: A

5. Which tool is the most cost and time effective for specifying adapter placement on new orders?

- A.HMC
- B.System planning tool
- C.Tivoli Provisioning Manager
- D.System planning tool + Workload estimator

Answer: B

6. How does a Power 570 need to be installed for optimum cooling?

- A.With empty space at the top for free airflow
- B.With empty space at the bottom for free airflow
- C.In a cold/warm row setup with the hot-row at the back
- D.In a cold/warm row setup with the hot-row at the front

Answer: C

7. What is the minimum number of power cable(s) that must be connected to power up a 16-core POWER 570 without errors in the managed frame?

- A.1
- B.2
- C.4
- D.8

Answer: D

8. A customer has a new POWER6 system with 2 partitions that require a large amount of TCP network traffic to pass between them for backup purposes. Which solution provides the greatest throughput?

- A.Virtual Ethernet
- B.Integrated Virtual Ethernet (IVE)
- C.One 10Gb Ethernet adapter assigned to each partition
- D.Separate Host Ethernet Adapters (HEA) assigned to each partition

Answer: B

9. A customer has ordered a Power 570 with only 4 dual port fibre cards. Which configuration would allow 4 LPARs on this server to have multiple paths, with no single point of failure, for each SAN connection?

- A. Assign each LPAR 2 fibre ports, each from a different fibre adapter
- B. Dual VIO servers with 2 cards per server and mapping via virtual SCSI adapters
- C. One VIO server mapping disks using dual virtual SCSI adapters from the 4 adapters
- D. Assign each LPAR a fibre card and ensure each port is mapped to a separate fibre switch

Answer: B

10. Why is the "dyntrk" attribute of fcs adapters in AIX important?

- A. It enables automatic discovery of cabling changes.
- B. It enables fibre channel data packet dynamic tracing.
- C. It allows the fibre card in the server to be relocated dynamically.
- D. When using an SVC it allows the target LUNs to be migrated to different fabric.

Answer: A

11. A company has four LPARs configured as shown:

8 x 4.2GHz CPUs

16GB Memory

4 LPARs

LPAR 1: Test 1 CPU, 2GB Memory, 1 Fibre Channel HBA, AIX

LPAR 2: Development 1 CPU, 2GB Memory, 1 Fibre Channel HBA, AIX

LPAR 3: Prod 3 CPUs, 6GB Memory, 1 Fibre Channel HBA, AIX

LPAR 4: Web App 3 CPUs, 6GB Memory, 1 Fibre Channel HBA, SUSE Linux

Utilization over a 30 day period

LPAR 1: Average utilization was 15%, Peak utilization was 100%

LPAR 2: Average utilization was 25%, Peak utilization was 100%

LPAR 3: Average utilization was 50%, Peak utilization was 90%

LPAR 4: Average utilization was 35%, Peak utilization was 100%

If there is a requirement for all 4 LPARs to be assigned to a shared pool, which of the following best describes the profile requirements?

- A.LPARs 1 and 2, uncapped, SMT on, Weights between 25-30, min CPU 0.1, max CPU 1.0
LPARs 3 and 4, capped, SMT on, Weights between 100-130, min CPU 2.7, max CPU 3.0
- B.LPARs 1 and 2, capped, SMT on, Weights between 25-30, min CPU 0.1, max CPU 1.0
LPARs 3 and 4, uncapped, SMT on, Weights between 100-130, min CPU 2.7, max CPU 3.0
- C.LPARs 1 and 2, capped, SMT on, Weights between 100-130, min CPU 0.1, max CPU 1.0
LPARs 3 and 4, uncapped, SMT on, Weights between 25-30, min CPU 2.7, max CPU 3.0
- D.LPARs 1 and 2, uncapped, SMT off, Weights between 25-30, min CPU 0.1, max CPU 1.0
LPARs 3 and 4, capped, SMT on, Weights between 100-130, min CPU 2.7, max CPU 3.0

Answer: B

12. A customer is planning to consolidate their existing servers currently running AIX 5.3 to a POWER6 570.

The customer has a test environment, a development environment and a production environment for two applications. Both the test and Development environments are very small and are only utilized when new releases are being developed and tested. They require less than 1 CPU each.

Both production applications require 2 CPUs for day-to-day operation and can require up to an additional 2 CPUs each during abrupt peak requirements. With performance in mind, what is the optimal design for the LPARs?

- A.Use micro-partitioning for test and development environments, and DLPAR for the production environment.
- B.Create workload partitions for all test, development, and production environments to keep production prioritized.
- C.Use micro-partitioning for test and development environment, and shared processor pool for the production environment.
- D.Create standard LPARs for all test, development, and production environment to keep all partitions separate and isolated.

Answer: C

13. A customer is implementing a dual Virtual IO server environment to service 4 LPARs. If each operating system image requires 18 GB of disk space, what is the minimum amount of SCSI resources necessary?

- A. Two SCSI paths and two 73GB SCSI disks
- B. Two SCSI paths and two 146GB SCSI disks
- C. Four SCSI paths and four 73GB SCSI disks
- D. Two dual port SCSI RAID adapters with two 73GB SCSI disks

Answer: B

14. A Power 570 is planned to run with a dual VIOS environment. The VIOS should be equipped for maximum resilience to provide LUN access to both VIO servers. What are the minimum requirements?

- A. Two dual port adapters
- B. Four dual port adapters
- C. Two single port adapters
- D. Four single port adapters

Answer: D

15. Customer wants to be able to access a GPFS filesystem from an NFS client, even if the GPFS node exporting the filesystem fails. What must be used to achieve this?

- A. Use automount on the client.
- B. Use NFS V3 or NFS V4 Replicas.
- C. Use HANFS from both GPFS nodes.
- D. Use NFS V4 Replicas from 2 GPFS nodes.

Answer: D

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