AIX 7 Administration

1. Which command should be run in a WPAR, prior to migration, to ensure fileset consistency with the AIX Global Environment?

> A. syncroot

> B. syncwpar

> C. lslpp-c

> D. lppchk-v

Answer(s): A

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2. Two different administrators are asked to change the hostname of a system due to a misunderstanding The current hostname is set to misunderstanding. The current hostname is set to 'ozi'. The first administrator thinks the hostname should be set to 'kiwi' and he runs the command:

> A. The output of both commands will be 'ozi' after reboot.

> B. The output of both commands will be 'texan' after reboot.

> C. The output of the hostname command will be 'kiwi' and the output of the uname -n command will be texan".

> D. The output of both commands will be 'kiwi' after reboot.

Answer(s): A

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3. What option will boot an LPAR directly from DVD media, without any user interaction required, when starting the LPAR from the Hardware Management Console (HMC)?

A. Open firmware OK prompt

B. Normal

C. Diagnostic with default boot list

D. System management services

Answer(s): C

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4. Why has the following message returned when creating a NIM lpp_source from a the AIX 7100-02-01 Service Pack?

A. The bos.rtefileset was not included in the lpp_source.

B. The simage attribute was not specified in the command

C. The lpp_source was not created using base media.

D. A source repository was not included in the command.

Answer(s): C

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5. Which parameter of the mkwpar command results in the created Versioned WPAR being mobility aware?

A. -lam

B. -c

C. -ma

D. -m

Answer(s): B

6. An administrator plans to duplicate the active rootvg on a given system to a spare disk that will be migrated to newer hardware. Which flag on 'alt_disk_copy' must be used to reset user-defined device configurations to defaults?

A. O

B. X

C. R

D. D

Answer(s): A

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7. Which configuration will provide an LPAR maximum network resilience and performance with two Ethernet adapters?

A. Configure EtherChannel using Internet Protocol over InfiniBand (IPoIB) with 64K TCP/IP MTU 64K Superpacket

B. Configure both adapters with Quality of Server (QoS) adapters and configure virtual IP address on interfaces

C. Configure both Ethernet adapters as IEEE 802.3ad link Aggregated with src_dst_port mode

D. Configure EtherChannel with one Ethernet adapter as primary adapter & one as backup with hash mode roundrobin

Answer(s): C

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8. An administrator is required to implement resource control for a running system WPAR called "skippy". Which flag of the chwpar command will set the CPU Resource control limits for this WPAR to a minimum of 8%. a desired of 35% and a maximum of 45%?

A. chwpar-R CPU=8%-35%,45% skippy

B. chwpar -c CPU=8%-35%,45% skippy

C. chwpar-L CPU=8%-35%,45% skippy

D. chwpar-r PROC=8%-35%,45% skippy

Answer(s): D

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9. An administrator has issued the command to start IBM Systems Director server. The administrator wants to view the changing status to see when it becomes active. How can this be accomplished?

A. smcli-check

B. isdstat-m

C. lwistat-c

D. smstatus-r

Answer(s): D

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10. Name resolution is not working on a given LPAR. Considering the observed behavior and configuration of/etc/resolv.conf, what is the most likely resolution?

A. Remove the domain line.

B. Verify the syntax in /etc/nelsvc.conf.

C. Correct the definition of nameserver1.

D. Move the search definition to the beginning of the file

Answer(s): A

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11. What infrastructure is necessary to support update installation to an existing IVM instance?

A. Network Install Manager

B. Systems Director Management Console

C. IBM Systems Director

D. Hardware Management Console

E. Cluster Systems Manager

Answer(s): A

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12. The AIX hosts node1 and node2 have Ethernet adapters, both named ent0, configured on the same network. Both are dedicated physical 1GB adapter ports in a Host Ethernet Adapter. Based on this information and the output shown for each node, what is the most likely cause of intermittent failures and slow communication between these adapters?

A. The media speed is set differently on the adapters than the endpoints on the switch.

B. The Multi-Core Scaling mode is enabled. Multi-Core Scaling is interfering with communications because the processor is too busy.

C. The Shared Ethernet Adapter does not have enough bandwidth to accommodate the network traffic.

D. The jumbo_frarnes setting is 'no' and should be set to 'yes'.

Answer(s): A

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13. An administrator utilizes the parallel nature of dsh to streamline common tasks, but must serialize some to prevent network saturation. What dsh parameter will override the default behavior?

A. The stream parameter

B. The node-options parameter

C. The fanout parameter.

D. The execute parameter.

Answer(s): C

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14. What is a difference between a Versioned WPAR and a system copy WPAR?

A. System copy WPARs are only supported on POWER7+ hardware.

B. Versioned WPARs are enabled through purchase of an additional licensed product

C. System copy WPARs are created from a mksysb.

D. Snapshots can be created of a Versioned WPAR.

Answer(s): B

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15. Prior to performing a firmware upgrade on a POWER7 system managed by an HMC. which

A. Remote Command Execution capability on the HM

B. Inventory Scout ports allowed on HMC firewall.

C. HMC firmware level using the IBM Power code matrix website

D. Available disk space on HMC.

Answer(s): A

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16. Which Korn shell syntax is used to assign the directory of the called script to a variable called mydir?

A. mydir=$(dirname $0)

B. mydir=${dirname $@}

C. $mydir=$(dirname $0)

D. mydir=$(dirname $?)

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17. Which level of information does the mpstat command provide when run inside an LPAR?

A. Performance statistics for all logical processors inside the LPAR.

B. Overall managed system logical processors utilization.

C. Number of online physical processors in the pool where the LPAR resides.

D. The simultaneous multi-threading LPAR profile setting.

Answer(s): A

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18. Which is a benefit of dynamic tracking of Fibre Channel devices?

A. SAN changes are automatically detected.

B. NPIV support is added for all AIX Fibre Channel adapters.

C. I/O failures are prevented with Fibre Channel tape devices.

D. SAN disk arrays are created with a common set of disk attributes.

Answer(s): A

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19. In the following figure, what TWO things must be done before an EtherChannel can be created from the ent0 and ent1 adapters?

A. The AIX host must be completely disconnected from the network,

B. EtherChannel support capability must be verified for the Ethernet switch.

C. The en1 interface must be configured with IP information.

D. The ent0 and ent1 adapters must be connected to different switches to provide both additional bandwidth and adequate redundancy in the EtherChannel that is created.

E. The IP configuration must be removed from en0.

Answer(s): B,E

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20. Which command, when issued from the HMC command line, will attempt to launch a virtual terminal session on Ipar1, running on the sys1 managed system?

A. startx-vt sys1 -p Ipar1

B. crvterm-ssysy -r Ipar1

C. startvt-h sys1 -I Ipar1

D. mkvterm-msys1 -p Ipar1

Answer(s): D