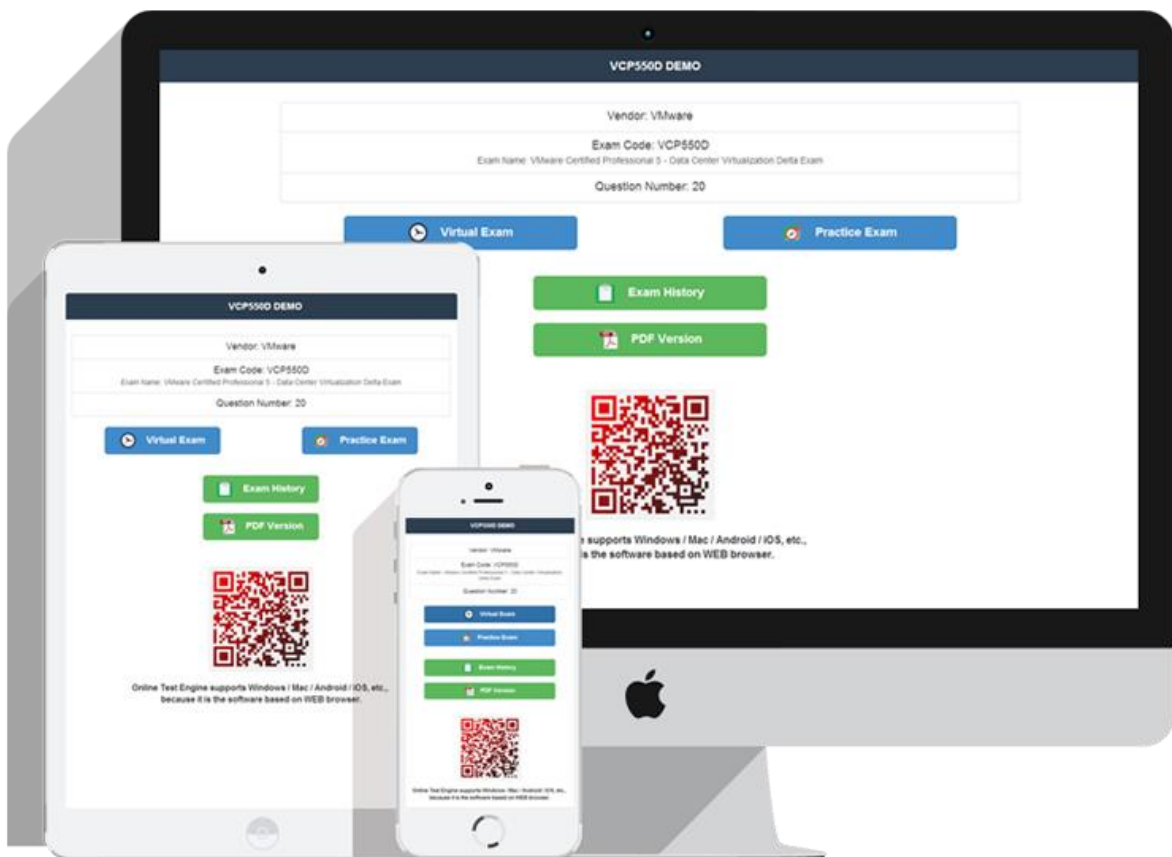


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Exam : **C9010-022**

Title : **IBM AIX Administration V1**

Vendor : **IBM**

Version : **DEMO**

NO.1 An administrator is required to create a System WPAR and configure it for mobility, which command will do this?

- A. mkwpar-c wparname
- B. mkwpar-m wparname
- C. crwpar-c wparname
- D. crwpar-m wparname

Answer: A

NO.2 Which startup script will mount all filesystems in /etc/filesystems for which the mount parameter is set to 'true'?

- A. /etc/rc
- B. /etc/red
- C. /sbin/rc.start
- D. /etc/rc.bootc

Answer: A

NO.3 A customer has been creating LPARs on a new POWER8 system.

After successfully activating the first 10 LPARs, the customer notices that the available RAM on physical machine reported by the HMC has reduced more than the sum of the memory currently allocated to the activated LPARs.

The Customer appreciates there will be a memory overhead for each activated LPAR, but the overhead appears more than expected.

Which LPAR attribute is the likely cause for the excess in memory consumption?

- A. Active memory expansion factor
- B. Maximum Virtual Adapters
- C. Maximum memory
- D. Maximum pages

Answer: A

NO.4 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?

# node1:\ lsattr -El ent0			
alt_addr	0x000000000000	Alternate Ethernet address	True
flow_ctrl	no	Request Transmit and Receive Flow Control	True
jumbo_frames	no	Request Transmit and Receive Jumbo Frames	True
large_receive	yes	Enable receive TCP segment aggregation	True
large_send	yes	Enable hardware Transmit TCP segmentation	True
media_speed	100_Full_Duplex	Requested media speed	True
multicore	yes	Enable Multi-Core Scaling	True
# node2:\ lsattr -El ent0			
alt_addr	0x000000000000	Alternate Ethernet address	True
flow_ctrl	no	Request Transmit and Receive Flow Control	True
jumbo_frames	no	Request Transmit and Receive Jumbo Frames	True
large_receive	yes	Enable receive TCP segment aggregation	True
large_send	yes	Enable hardware Transmit TCP segmentation	True
media_speed	100_Full_Duplex	Requested media speed	True
multicore	yes	Enable Multi-Core Scaling	True

- A. The jumbo_frames setting is 'no' and should be set to 'yes'.
- 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 media speed is set differently on the adapters than the endpoints on the switch.

Answer: D

NO.5 Which of the following statements is true about using crontab and at to execute tasks?

- A. Commands scheduled with crontab are executed by at.
- B. Both commands can be used to schedule a weekly task to run for a user.
- C. User access control for both commands can be managed with .deny files in \var/adm/cron.
- D. Both commands preserve the current environment, including the user ID and current working directory

Answer: C

NO.6 When updating a device attribute utilizing the -P flag with the chdev command, which of the following is true?

- A. The device attribute will be updated for the parent of the device specified.
- B. The device attribute is updated forcibly and will result in the device changing to the defined state.
- C. The device attribute is updated immediately and will not be maintained after the next system boot.
- D. The device attribute is updated only in the ODM and does not take affect until after the next system boot.

Answer: D

NO.7 A server on the 165.x.x.x subnet is displaying network problems. The administrator uses a console connection and gathers the following information:

```

$ lsattr -El inet0
authm          65536          Authentication Methods          True
bootup_option  no             Use BSD-style Network Configuration True
gateway        Gateway        True
hostname       host104       Host Name                       True
rout6          IPv6 Route    True
route          net, -hopcount,0,,0,165.253.253.1 Route      True
route          net, -hopcount,0,,0,10.2.98.113 Route      True

```

Which action will permanently resolve the issue?

- A. Flush the routing table.
- B. Run 'route del 10.2.98.113-f'.
- C. Modify/etc/routes and reboot the system.
- D. Run 'chdev-l inet0-a delroute=net.-hopcount,0,,0.10.2.98.113'.

Answer: D

NO.8 An administrator noticed that the hostname is being resolved incorrectly after setting up TCP/IP on multiple interfaces. Further inspection shows the /etc/hosts file has duplicate entries for the hostname associated with different IP addresses.

Which of the following is most likely the cause of this situation?

- A. IPv6 is in use and requires a hostname for every interface.
- B. The administrator ran smitty mktcpip on multiple interfaces.
- C. The DNS configuration has multiple separate DNS servers listed.
- D. An EtherChannel was setup using 2 network interfaces as primary adapters.

Answer: B

NO.9 What is the purpose of the virtual media repository on the VIO Server?

- A. To store resources for use by the NIM server
- B. To store backups of the VIO Server
- C. To store images for use by VIO Clients
- D. To store images for use by VIO Servers

Answer: C

NO.10 What is the minimum version of AIX that is supported as a Versioned WPAR on an AIX 7.1 system?

- A. AIX 5.3 TL12 SP4
- B. AIX 5.2 TL10 SP8
- C. AIX 6.1 TL3 SP2
- D. AIX 5.1 ML8

Answer: A

NO.11 An administrator has used setsecattr to associate authorizations with an AIX command. The appropriate stanza has been added to the privileged commands database (/etc/security/privcmds). What must be done before the new authorization can be used?

- A. Run the setkst command to update the kernel security tables.
- B. Assign a new role that the authorization can be associated with and reboot.
- C. Activate the change in the security database with the updateauths command.

D. Run the refreshsrc -g RBAC command to make the changes effective.

Answer: A

NO.12 A NIM server is used to support different AIX Technology Levels among several clients. Each technology level is maintained in a separate lpp_source. Which command(s) will display what AIX fixes are available for several TL levels supported by a NIM server?

- A. niminv-o fixget-a targets=lpp_source1,lpp_source2
- B. nim_update_check-lsumalpp_source1 nim_update_check-lsumalpp_source2
- C. nim-o cust-a fixes=update_all lpp_source1lpp_source2
- D. nim -o lppmgr-a lppmgr_flags="lsb" lpp_source1, lpp_source2

Answer: A

NO.13 Which tool or function can minimize the impact of planned operating system downtime on active workloads?

- A. Integrated Visualization Manager
- B. Live Application Mobility
- C. Partition Flexibility Mirror
- D. Dynamic Hosting Environment
- E. Micro-Partitioning
- F. Live Partition Mobility
- G. Shared Storage Pools

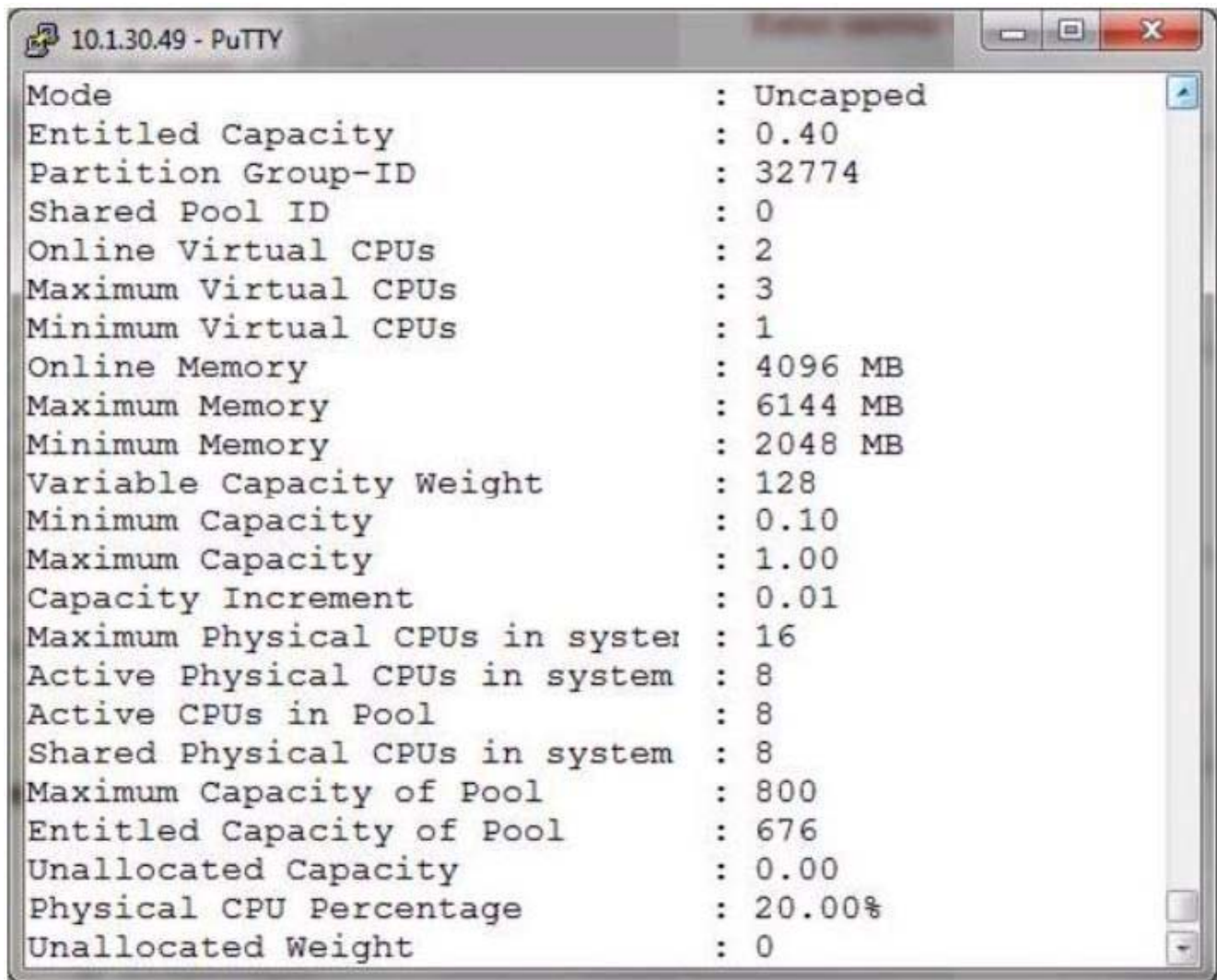
Answer: B

NO.14 When migrating an LPAR utilizing Live Partition Mobility (LPM), which statement is correct?

- A. The source and destination systems must be managed by different HMC devices.
- B. The destination system must have the same virtual adapter slots free on its VIO Server as the source system.
- C. Physical disk attributes for backing devices must have the same reservation policy set on both source and target VIO Servers.
- D. LPARs with dedicated I/O adapters can be migrated using LPM, provided the same dedicated I/O adapters are available on the destination system.

Answer: C

NO.15 Given the this output of the lparstat -i' command from an LPAR, which statement is true?



```
10.1.30.49 - PuTTY
Mode : Uncapped
Entitled Capacity : 0.40
Partition Group-ID : 32774
Shared Pool ID : 0
Online Virtual CPUs : 2
Maximum Virtual CPUs : 3
Minimum Virtual CPUs : 1
Online Memory : 4096 MB
Maximum Memory : 6144 MB
Minimum Memory : 2048 MB
Variable Capacity Weight : 128
Minimum Capacity : 0.10
Maximum Capacity : 1.00
Capacity Increment : 0.01
Maximum Physical CPUs in system : 16
Active Physical CPUs in system : 8
Active CPUs in Pool : 8
Shared Physical CPUs in system : 8
Maximum Capacity of Pool : 800
Entitled Capacity of Pool : 676
Unallocated Capacity : 0.00
Physical CPU Percentage : 20.00%
Unallocated Weight : 0
```

- A. There are 8 physical CPUs installed configured into 2 processor pools.
- B. All active CPUs are dedicated to this LPAR.
- C. There are 8 active CPUs available for sharing and another 8 active for dedicated use
- D. The LPAR can automatically use up to 8 physical CPUs.
- E. The LPAR can utilize processing capacity from any of the active CPUs.

Answer: E

NO.16 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. smstatus-r
- D. lwistat-c

Answer: C