



IBM

C4040-221

AIX 7 Administration

QUESTION 158

An existing LPAR is configured with a vSCSI disk for a root volume group. An administrator is configuring NPIV to provide secondary storage to the partition. DLPAR operations are used to add the required client and server adapters to the client and VIO Server partitions. Once the NPIV adapters have been configured, what action should be taken against the client LPAR to ensure access to SAN storage is not compromised?

- A. Shutdown and reboot AIX.
- B. Shutdown and reactivate the profile.
- C. Save the current configuration to a profile.
- D. Add the physical WWVPN to the virtual device configuration.

Correct Answer C

QUESTION 159

Consider the following screen capture.

The administrator needs to add 512 MB of space to the /db2/db2sp1 filesystem. What must be done before the administrator will be able to add this disk space to the filesystem?

```

$df -m /db2/db2sp1
Filesystem      MB blocks    Free %Used    Iused %Iused Mounted on
/dev/db2sp1     4096.00    1247.64    70%      14436     5% /db2/db2sp1

$lslv db2sp1
LOGICAL VOLUME:      db2sp1                VOLUME GROUP:  exevg
LV IDENTIFIER:      00c66d0200004c000000121e74cafe9.1 PERMISSION:    read/write
VG STATE:           active/complete      LV STATE:       opened/syncd
TYPE:               jfs2                 WRITE VERIFY:   off
MAX LPs:            1024                PP SIZE:        4 megabyte(s)
COPIES:             1                   SCHED POLICY:   parallel
LPs:                1024                PPs:           1024
STALE PPs:          0                   BB POLICY:      relocatable
INTER-POLICY:       minimum              RELOCATABLE:    yes
INTRA-POLICY:       middle                UPPER BOUND:    1024
MOUNT POINT:        /db2/db2sp1          LABEL:          /db2/db2sp1
MIRROR WRITE CONSISTENCY: on/ACTIVE
EACH LP COPY ON A SEPARATE PV?: yes
Serialize IO?:      NO
DEVICESTYPE:        DS_LVZ
COPY 1 MIRROR POOL: None
COPY 2 MIRROR POOL: None
COPY 3 MIRROR POOL: None

$lsvg exevg
VOLUME GROUP:      exevg                VG IDENTIFIER: 00c66d0200004c0000
000121e74cafe9
VG STATE:          active                PP SIZE:        4 megabyte(s)
VG PERMISSION:     read/write          TOTAL PPs:      21724 (86896 megab
ytes)
MAX LVs:           256                FREE PPs:       195 (780 megabytes)
)
LVs:               9                   USED PPs:       21529 (86116 megab
ytes)
OPEN LVs:          9                   QUORUM:         2 (Enabled)
TOTAL PVs:         2                   VG DESCRIPTORS: 3
STALE PVs:         0                   STALE PPs:      0
ACTIVE PVs:        2                   AUTO ON:        yes
MAX PPs per VG:    32768                MAX PVs:        1024
LTG size (Dynamic): 256 kilobyte(s)    AUTO SYNC:      no
HOT SPARE:         no                   BB POLICY:      relocatable
PV RESTRICTION:    none

```

- A. Extend the upper bound of the logical volume.
- B. Increase the logical volume size first by 512 MB.
- C. Add another disk to the exevg volume group and migrate partitions.
- D. Increase the number of logical partitions the logical volume can hold

Correct Answer D

QUESTION 160

In addition to enabling remote command execution, which task highlighted in the graphic below must be visited to enable an administrator with hmcooperator permissions to run HMC commands from another server using ssh?

HMC Management (HMC Version)

Operations

View HMC Events	• View the event log of HMC operations and activities
Shut Down or Restart	• Shut down or restart the HMC
Schedule Operations	• Schedule selected operations for the HMC
Format Media	• Format a DVD, diskette, or USB flash memory device.
Back up HMC Data	• Back up HMC information to DVD, to a remote system, or to a remote site
Restore HMC Data	• Restore critical HMC data from a remote source
Save Upgrade Data	• Save upgrade data to the HMC hard drive or DVD
Change Network Settings ←	• View current network information and change settings
Test Network Connectivity	• View network diagnostic information about the network protocols for the HMC
View Network Topology	• View and ping nodes within the management console's network topology
Tip of the Day	• Display tips for using the console
View Licenses	• Read the licenses for the product
Change Default User Interface Settings	• Customize the default appearance of the HMC user interface
Change User Interface Settings	• Customize the appearance of the HMC user interface
Change Date and Time	• Change the date and time for the HMC
Launch Guided Setup Wizard	• Step through setting up your HMC users, passwords, network settings, and customer notification of problems

Administration

Change User Password	• Change your password
Manage User Profiles and Access	• Add, copy, remove, and modify HMC system users and user profiles
Manage Task and Resource Roles ←	• Add, copy, remove, and modify managed resource and task roles
Manage Users and Tasks	• View the logged on users and the tasks they are running
Manage Certificates	• Create, modify, delete, and import certificates used on the HMC, and view certificate signing information
Configure KDC	• Key Distribution Center Configuration
Configure LDAP	• Enterprise Directory Service Configuration
Remote Command Execution	• Enable or disable the command line interface on an HMC
Remote Virtual Terminal ←	• Enable or disable virtual terminal connections for remotely connected HMC sessions
Remote Operation ←	• Control whether this HMC can be operated using a web browser from a remote workstation
Change Language and Locale	• Change the HMC user interface language and locale
Create Welcome Text	• Customize the greeting displayed before logging on
Manage Data Replication	• Share customizable data between HMCs including custom group data, customer information, and more
Manage Install Resources	• Add and remove operating environment install image resources on the HMC

- A. "Change Network Settings" to open port 22
- B. "Remote Operation" to indicate that this HMC can be operated from a remote host
- C. "Remote Virtual Terminal" to enable virtual terminal connections for remotely connected HMC
- D. "Manage Task and Resource Roles" to give the hmcoperator task role permission to ssh to the HMC from a remote host

Correct Answer A

QUESTION 161

What are the three basic elements of RBAC in AIX?

- A. Groups, Keys and Access
- B. Keys, Privileges and Groups
- C. Users, Groups and KeyStore
- D. Roles, Privileges and Authorizations

Correct Answer D

QUESTION 162

Based on the following graphic, which physical adapter services fcs2?

- A. fcs2 on vio1
- B. fcs2 on vio2
- C. fcs6 on viol
- D. fcs6 on vio2

Correct Answer C

QUESTION 163

In the graphic below, the LPAR's current physical and virtual processor allocation matches its desired settings
How do these settings limit system processor assignment for the LPAR?

General	Processors	Memory	I/O	Virtual Adapters	Power Controlling	Settings	Logical Host Ethernet Adapters (LHEA)
Detailed below are the current processing settings for this partition profile.							
Processing mode							
<input type="radio"/> Dedicated <input checked="" type="radio"/> Shared							
Processing units							
Total managed system processing units : 64.00							
Minimum processing units : <input type="text" value="0.1"/>							
Desired processing units : <input type="text" value="2.0"/>							
Maximum processing units : <input type="text" value="4.0"/>							
Shared processor pool: <input type="text" value="DefaultPool (0)"/> ▼							
Virtual processors							
Minimum processing units required for each virtual processor : 0.10							
Minimum virtual processors : <input type="text" value="1.0"/>							
Desired virtual processors : <input type="text" value="6.0"/>							
Maximum virtual processors : <input type="text" value="16.0"/>							
Sharing mode							
<input checked="" type="checkbox"/> Uncapped Weight : <input type="text" value="128"/> ▲▼							
Processor compatibility mode: <input type="text" value="default"/> ▼							

- A. The LPAR can increase to 16.00 processing units of capacity in the shared processing pool as needed.
- B. The LPAR will be able to use a maximum of 6.0 processing units of capacity in the shared processing pool.
- C. The LPAR will be able to use a maximum of 4.0 processing units of capacity in the shared processing pool.
- D. The administrator will be allowed to add a maximum of 4.0 additional processing units to the LPAR using DLPAR, making its allocation 6.0 processing units.

Correct Answer B

QUESTION 164

Which resource is required to make the cluster configuration data available when using Cluster Aware AIX?

- A. A cluster controller node that keeps the cluster configuration data synchronized between nodes.
- B. An NFS file system that is accessible with read/write permissions by all nodes that form the cluster.
- C. A supported disk in a highly available storage configuration that is accessible by all nodes that form the cluster

D. A "quorum busting" disk to prevent loss of quorum from impacting availability of the cluster configuration data.

Correct Answer C

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