



**Vendor:** IBM

**Exam Code:** C4040-221

**Exam Name:** AIX 7 Administration

**Version:** DEMO

### QUESTION 1

What must be done to change the default AIX login screen, which is displayed before the login prompt, when a system is accessed using telnet?

- A. Add the desired text to the /etc/motd file.
- B. Edit the herald field in the /etc/security/login.cfg file.
- C. Update the MESH environment variable in /etc/environment.
- D. Add the LC\_FASTMSG environment variable to /etc/profile.

Answer: B

### QUESTION 2

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

**HMC Management** ( HMC Version )

<b>Operations</b>	
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
<b>Administration</b>	
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

**Answer: A**

**QUESTION 3**

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

**Answer: D**

**QUESTION 4**

What is the minimum number of processing units which can be specified in the LPAR profile of an AIX LPAR hosted on a POWER7 server?

- A. 0.1
- B. 0.05
- C. 0.01
- D. 1

**Answer: B**

**QUESTION 5**

An administrator changed the hostname of a system from dbtest.company.com to dbprod.company.com using SMIT. The new entry in /etc/hosts is:

```
192.168.56.100 dbprod.company.com
```

When the administrator issued the host command, the following result was observed.

```
#> host dbprod
host: 0827-801 Host name dbprod does not exist.
#> host 192.168.56.100
dbtest.company.com is 192.168.56.100
```

Until DNS records can be updated, which action will allow the host command to return the correct name and IP address?

- A. Modify/etc/nsswitch.conf and set hosts: files dns
- B. Modify/etc/resolv.conf and specify the new nameserver
- C. Modify/etc/netsvc.conf and set hosts = local, bind
- D. Modify/etc/mrouted.conf and add: dbprod "dbprod" +192.168.56.100

**Answer: C**

**QUESTION 6**

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

**Answer: C**

#### QUESTION 7

A system administrator has created a user id using the following command:  
mkuser sugroups=security gecos="AIX User" aixuser  
What is the effect of using this command?

- A. The sugroups attribute allows aixuser to su to users in the security group.
- B. The sugroups attribute allows members of the security group to su to this id.
- C. The aixuser will be created as an administrative user id and only the root user can alter attributes for aixuser.
- D. The aixuser will be created as an administrative user and only security group members can alter attributes of this id

**Answer: B**

#### QUESTION 8

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.

**Answer: C**

#### QUESTION 9

An administrator is removing a failed disk from a mirrored rootvg volume group. A message directed the administrator to run the chpv -c command. The administrator ran this command against the last available disk in rootvg. What is the result of performing this action?

- A. The failed drive is removed from the bootlist.
- B. The boot record was removed from the system.
- C. The ipdevice was re-linked to the available disk device name.
- D. The boot record was updated with the available disk information.

**Answer: B**

#### QUESTION 10

When creating a new user id, an administrator encounters the following error message:

```
aixsystem:/home/root# mkuser newuserid  
3004-694 Error adding "newuserid": Name is too long.
```

Running which of the following commands will cause the mkuser newuserid command to complete successfully?

- A. `chdev -l sys0 -a max_logname=10;shutdown -Fr now`
- B. `chsec -f /etc/security/login.cfg -s default -a max_logname=10`
- C. `chsec -f /etc/security/login.cfg -s default -a pwd_algorithm=sha512`
- D. `chsec -f /usr/lib/security/mkuser.default -s default -a loginlength=10`

**Answer: A**

#### QUESTION 11

An administrator receives the following error message when attempting to extend a volume group with an additional disk:

```
0516-1162 extendvg:
the Physical Partition size of 256 requires the creation of 1026
partitions for hdisk2. The limitation for volume group rootvg is 1024
physical partitions per physical volume. Use the chvg command with the
-t option to attempt to change the maximum Physical Partitions per
Physical volume for this volume group.
```

While the use of the -t option may allow the administrator to successfully extend the volume group, what other effect will using this option have?

- A. The boot logical volume would be recreated.
- B. The volume group would need to be varied off to apply the change.
- C. Mirroring would be removed from all logical volumes within the volume group
- D. The number of physical volumes allowed in the volume group will be reduced

**Answer: D**

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