

# A4040-221<sup>Q&As</sup>

Assessment: AIX 7 Administration

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**QUESTION 1**

Which option explains why a user-created local filesystem does not automatically mount when the system boots?

- A. No port is specified for mountd in /etc/services.
- B. The filesystem does not belong to a mount group.
- C. The mount filesystem attribute is missing in /etc/filesystems.
- D. The portmap daemon is not configured to start in /etc/inetd.conf.

Correct Answer: C

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**QUESTION 2**

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:      00c66d0200004c0000000121e74cafe9.1 PERMISSION:      read/wri
te
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 3

What file needs to be modified to disable both telnet and local logins for the root UserID?

- A. /etc/security/limits
- B. /etc/security/passwd

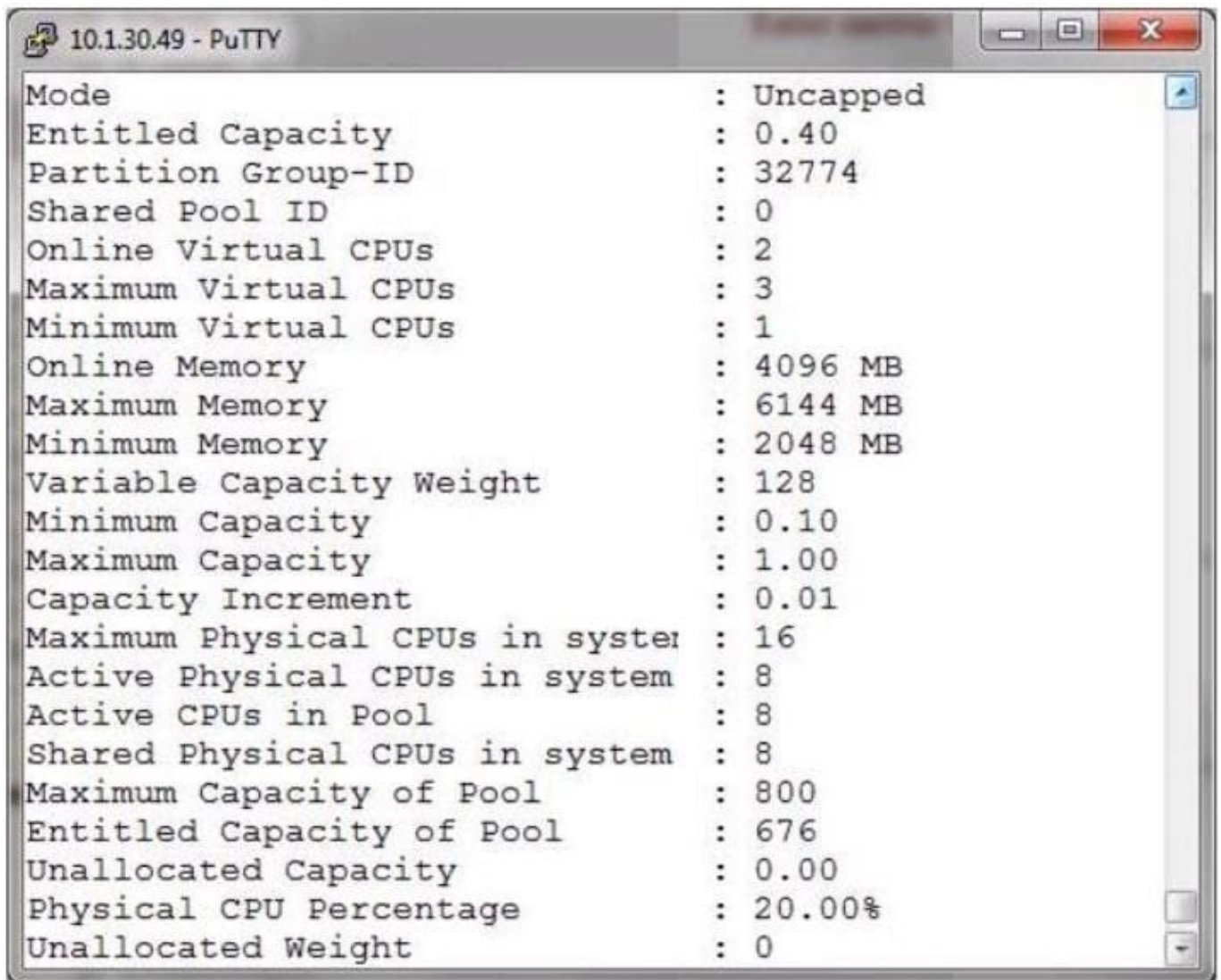
C. /etc/environment

D. /etc/security/user

Correct Answer: D

**QUESTION 4**

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.

Correct Answer: E

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**QUESTION 5**

What action does the following command perform for a new AIX hdisk, hdisk1 ? `chdev -l hdisk1 -a pv=yes`

- A. Makes the disk available for use
- B. Changes the existing pvid on the disk to Yes\\'
- C. Sets the physical volume identifier
- D. Clears volume group locks
- E. Resets the volume group descriptor area

Correct Answer: C

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