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Exam : 201-400

Title : LPIC-2 Exam 201

Version : DEMO

1.Topic 1, Capacity Planning

In capacity planning exercises, which tools assist in listing and identifying processes of interest? (Choose TWO correct answers.)

- A. acpid
- B. lsof
- C. pstree
- D. telinit

Answer: B, C

2.In the following output from top, which processes contribute to the percentage of time that the CPU spends in the state of wa?

Tasks: 193 total, 1 running, 190 sleeping, 2 stopped, 0 zombie

Cpu(s): 0.5%us, 0.3%sy, 0.0%ni, 98.2%id, 1.0%wa, 0.0%hi, 0.0%si, 0.0%st

- A. Processes waiting for user interaction.
- B. Processes that were already closed and are waiting to be launched again.
- C. Processes that have not been scheduled yet because they haven't been fully loaded into RAM or are in swap.
- D. Processes waiting for IO operations to complete.

Answer: D

3.In the below example output, which columns detail the percent of time the CPU spent running non-kernel code and the percent of time the CPU spent running kernel code? (Choose TWO correct answers.)

vmstat 1 100

```
procs -----memory----- ---swap-- ----io---- --system-- ----cpu----
 r b  swpd  free  buff  cache  si  so  bi  bo  in  cs us sy id wa
 0 0    0 282120 134108 5797012  0  0  0  2  0  0  0  0 100  0
 0 0    0 282120 134108 5797012  0  0  0  0 1007  359  0  0 100  0
 0 0    0 282120 134108 5797012  0  0  0  0 1117  577  0  0 100  0
 0 0    0 282120 134108 5797012  0  0  0  0 1007  366  0  0 100  0
```

- A. id
- B. us
- C. wa
- D. sy

Answer: B, D

4.In the following output, what percentage of time was the CPU waiting for pending I/O?

vmstat 1 100

```
procs -----memory----- ---swap-- ----io---- --system-- ----cpu----
 r b  swpd  free  buff  cache  si  so  bi  bo  in  cs us sy id wa
 0 0    0 282120 134108 5797012  0  0  0  2  0  0  0  0 100  0
 0 0    0 282120 134108 5797012  0  0  0  0 1007  359  0  0 100  0
 0 0    0 282120 134108 5797012  0  0  0  0 1117  577  0  0 100  0
```

0 0 0 282120 134108 5797012 0 0 0 0 1007 366 0 0 100 0

- A. 0
- B. 100
- C. 35.9
- D. 57.7
- E. 36.6

Answer: A

5.Which commands below are useful to collect data about remote filesystem connections? (Choose TWO correct answers.)

- A. pidstat
- B. nfsiostat
- C. sadf
- D. cifsioostat

Answer: B, D