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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. cifsioestat

**Answer: B, D**