

Linux OS Systems Interview Questions And Answers Guide.



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Linux OS Systems Job Interview Preparation Guide.

Question # 1

Tell me which file system has journaling capability?

- a) Ext2
- b) Ext4
- c) Isofs
- d) Procfs

Answer:-

- b) Ext4

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Question # 2

Which filesystem for CDROM is:

- a) Ext2
- b) Ext3
- c) Isofs
- d) Procfs

Answer:-

- c) Isofs

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Question # 3

Tell me which filesystem can be used to change certain kernel parameters at runtime using sysctl command?

- a) Ext3
- b) Sysfs
- c) Ext4
- d) Procfs

Answer:-

- d) Procfs

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Question # 4

Tell me which command is used to check filesystem usage in a system?

- a) mount
- b) df
- c) du
- d) dd

Answer:-

- b) df

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Question # 5

Explain ____ is a directory (which should exist), on which to mount the file system?

- a) Root
- b) Boot
- c) Mount-point
- d) Partition

Answer:-

- c) Mount-point

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Question # 6

Tell me which file contains the filesystems to be automatically mounted during boot?

- a) /etc/mount
- b) /etc/fstab
- c) /etc/inittab
- d) /etc/boot

Answer:-

- b) /etc/fstab

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Question # 7

Tell me which among the following allows fast file system recovery?

- a) Ext2
- b) Journaling
- c) Caching
- d) Sysfs

Answer:-

- b) Journaling

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Question # 8

Monolithic kernel:

- a) is highly extensibility
- b) has less run time overhead
- c) smaller than micro level
- d) Suitable for real time system

Answer:-

- b) has less run time overhead

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Question # 9

Pick the run level to run Linux in multi user mode with networking?

- a) 0
- b) 3
- c) 5
- d) 6

Answer:-

- b) 3

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Question # 10

Tell me which command is used to mount file system read only.

- a) mount -a
- b) mount -v
- c) mount -f
- d) mount -r

Answer:-

- d) mount -r

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Question # 11

Runlevel system command is used for?

- a) getting the present and previous runlevel of the system
- b) setting the runlevel attribute of the system in the inittab file
- c) can be used to restart or reboot the system
- d) all of the above

Answer:-

- d) all of the above

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Question # 12

System call can be implemented using which assembly instruction(s) on x86 processors?

- a) int 0times80
- b) sysenter
- c) both a & b
- d) None

Answer:-



c) both a & b

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Question # 13

Which of the following exec call is a system call?

- a) execl
- b) execlp
- c) execve
- d) execvp

Answer:-

c) execve

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Question # 14

x86 architecture uses big endian or little endian addressing mechanism?

Answer:-

little-endian.

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Question # 15

Daemon process is a?

- a) group leader
- b) session leader
- c) orphan process
- d) all the above

Answer:-

d) all the above

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Question # 16

_____ timer is decremented only when the process is executing:

- a) ITIMER_REAL
- b) ITIMER_VIRTUAL
- c) ITIMER_PROF
- d) None of the above

Answer:-

b) ITIMER_VIRTUAL

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Question # 17

Sysconf(_SC_PAGE_SIZE) returns?

- a) size of the page
- b) max size of the page
- c) min size of the page
- d) PAGING ALLOWED OR NOT

Answer:-

a) size of the page

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Question # 18

The terminal used by a Daemon process is:

- a) any terminal
- b) no terminal
- b) root terminal
- d) system console

Answer:-

b) no terminal

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Question # 19

Section 2 of manpage describes:

- a) Commands
- b) System calls
- c) Function calls
- d) Drivers

Answer:-



b) System calls

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Question # 20

Shared memory can be used for?

- a) read only operations
- b) append
- c) read or read write operations
- d) write only

Answer:-

- c) read or read write operations

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Question # 21

UNIX/Linux kernel is?

- a) Monolithic
- b) micro
- c) Exo
- d) nano

Answer:-

- a) Monolithic

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