Linux Systems Job Interview Questions And Answers

Interview Questions Answers

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Linux Systems Interview Questions And Answers Guide.

Question - 1:

UNIX/Linux kernel is?
a) Monolithic
b) micro
c) Exo
d) nano

Ans:

a) Monolithic

Question - 2:

Shared memory can be used for?
a) read only operations
b) append
c) read or read write operations
d) write only

Ans:

c) read or read write operations

Question - 3:

Section 2 of manpage describes:
a) Commands
b) System calls
c) Function calls
d) Drivers

Ans:

b) System calls

Question - 4:

The terminal used by a Daemon process is:
a) any terminal
b) no terminal
b) root terminal
d) system console

Ans:

b) no terminal

Question - 5:

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

Ans:

a) size of the page

Question - 6:

_____ timer is decremented only when the process is executing:
a) ITIMER_REAL
b) ITIMER_VIRTUAL
c) ITIMER_PROF
d) None of the above

Ans:

b) ITIMER_VIRTUAL

Question - 7:

Daemon process is a?
a) group leader
b) session leader
c) orphan process
d) all the above

Ans:

d) all the above

Question - 8:

x86 architecture uses big endian or little endian addressing mechanism?

Ans:

little-endian.

Question - 9:

Which of the following exec call is a system call?
a) execl
b) execlp
c) execve
d) execvp

Ans:

c) execve

Question - 10:

System call can be implemented using which assembly instruction(s) on x86 processors?
a) int 080
b) sysenter
c) both a & b
d) None

Ans:

c) both a & b

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

Ans:

d) all of the above

Question - 12:

Tell me which command is used to mount file system read only.
a) mount -a
b) mount -v
c) mount -f
d) mount -r

Ans:

d) mount -r

Question - 13:

Pick the run level to run Linux in multi user mode with networking?
a) 0
b) 3
c) 5
d) 6

Ans:

b) 3

Question - 14:

Monolithic kernel:
a) is highly extensiblity
b) has less run time overhead
c) smaller than micro level
d) Suitable for real time system

Ans:

b) has less run time overhead

Question - 15:

Tell me which among the following allows fast file system recovery?
a) Ext2
b) Journaling
c) Caching
d) Sysfs

Ans:

b) Journaling

Question - 16:

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

Ans:

b) /etc/fstab

Question - 17:

Explain _____ is a directory (which should exist), on which to mount the file system?
a) Root
b) Boot
c) Mount-point
d) Partition

Ans:

c) Mount-point

Question - 18:

Tell me which command is used to check filesystem usage in a system?
a) mount
b) df
c) du
d) dd

Ans:

b) df

Question - 19:

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

Ans:

d) Procfs

Question - 20:

Which filesystem for CDROM is:
a) Ext2
b) Ext3
c) Isofs
d) Procfs

Ans:

c) Isofs

Question - 21:

Tell me which file system has journaling capability?
a) Ext2
b) Ext4
c) Isofs
d) Procfs

Ans:

b) Ext4

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