

Linux Environment Interview Questions And Answers Guide.



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Linux Environment Job Interview Preparation Guide.

Question # 1

To increase the response time and throughput, the kernel minimizes the frequency of disk access by keeping a pool of internal data buffer called:

- a) Pooling
- b) Spooling
- c) Buffer cache
- d) Swapping

Answer:-

- c) Buffer cache

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Question # 2

At start of process execution, STDOUT & STDERR:

- a) Point to current terminal device
- b) Are closed
- c) Point to special files on the system
- d) None of the above

Answer:-

- a) Point to current terminal device

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Question # 3

Wtmp and utmp files contain:

- a) Temporary system data
- b) User login-logout log
- c) The user's command execution log
- d) The user's su and sudo attempts

Answer:-

- b) User login-logout log

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Question # 4

Which is the core of the operating system?

- a) Shell
- b) Kernel
- c) Commands
- d) Script

Answer:-

- b) Kernel

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Question # 5

ILP32 stands for:

- a) 32 bit Integer, Long & Pointer
- b) 32 bit Integrated Long & Pointer
- c) 32 bit Intelligent Long & Pointer
- d) 32 bit Long & Pointer

Answer:-

- a) 32 bit Integer, Long & Pointer

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Question # 6

Single Unix Specification Version 2 provides enhanced support for:

- a) 16 bit Unix
- b) 32 bit Unix
- c) 64 bit Unix
- d) 8 bit Unix

Answer:-

- c) 64 bit Unix

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Question # 7

Under UNIX the key board is the default input device and the monitor is the default output device.

- a) True
- b) False

Answer:-

- a) True

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Question # 8

Which among the following interacts directly with system hardware?

- a) Shell
- b) Commands
- c) Kernel
- d) Applications

Answer:-

- c) Kernel

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Question # 9

Applications communicate with kernel by using:

- a) System Calls
- b) C Programs
- c) Shell Script
- d) Shell

Answer:-

- a) System Calls

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Question # 10

Solaris is the name of a flavor of UNIX from:

- a) HP
- b) IBM
- c) Digital Equipment Corp
- d) Sun Microsystems

Answer:-

- d) Sun Microsystems

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Question # 11

Which of the following is "NOT" a UNIX variant?

- a) Solaris
- b) AIX
- c) IRIX
- d) AS400

Answer:-

- d) AS400

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Question # 12

The system calls in UNIX is written using which language?

- a) C
- b) C++
- c) Assembly Language
- d) Fortran

Answer:-

- a) C

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Question # 13

Which of the following enables multi-tasking in UNIX?

- a) Time Sharing
- b) Multi programming
- c) Multi user
- d) Modularity

Answer:-

- a) Time Sharing

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Question # 14

Which of the following is considered as the super daemon in Unix?

- a) sysinit
- b) init
- c) inetd
- d) proc

Answer:-

- b) init

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Question # 15

Unix is which kind of Operating System?

- a) Multi User
- b) Multi Processes
- c) Multi Tasking
- d) All the above

Answer:-

- d) All the above

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Question # 16

SVR4 stands for?

- a) Standard Version Release 4
- b) System Version Release 4
- c) Standard Five Release 4
- d) System Five Release 4

Answer:-

- d) System Five Release 4

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Question # 17

Lp0 device file is used to access:

- a) Floppy
- b) Cdrom
- c) Printer
- d) Tape drive

Answer:-

- c) Printer

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Question # 18

Syntax of any Unix command is:

- a) command [options] [arguments]
- b) command options [arguments]
- c) command [options] [arguments]
- d) command options arguments

Answer:-

- a) command [options] [arguments]

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Question # 19

SVR4 was developed by:

- a) Sun Microsystems
- b) AT&T
- c) University of Berkeley
- d) Sun and AT&T jointly

Answer:-



d) Sun and AT&T jointly

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Question # 20

Which of the following statement is FALSE?

- a) Unix supports multiple users
- b) Linux is an open source operating system and the source code is shared
- c) Shell takes care of inter process communication
- d) Shell provides the feature of I/O Redirection

Answer:-

- c) Shell takes care of inter process communication

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Question # 21

Which of the following UNIX flavor is from IBM?

- a) BSD
- b) Solaris
- c) HP-UX
- d) AIX

Answer:-

- d) AIX

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Question # 22

X86-32 uses which programming model?

- a) IP16
- b) IP32
- c) ILP16
- d) ILP32

Answer:-

- d) ILP32

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Question # 23

To feed standard output of one command to standard input of another in a single shell session:

- a) IO redirection can be used
- b) Named pipes can be used
- c) The pipe operator provided by the shell can be used
- d) It can not be done

Answer:-

- c) The pipe operator provided by the shell can be used

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Question # 24

Which of the following commands allows definition and assignment of environment variables under bash?

- a) env
- b) export
- c) environ
- d) setenviron

Answer:-

- a) env

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Question # 25

While executing a command, the shell:

- a) Executes it in the same process (as shell)
- b) Creates a child shell to execute it
- c) Loads a special program to take care of the execution
- d) None of the above

Answer:-

- b) Creates a child shell to execute it

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Question # 26

Which variable contains current shell process id:

- a) \$*
- b) \$?



- c) \$\$
- d) \$!

Answer:-

- c) \$\$

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Question # 27

Which command is used to debug a shell script program:

- a) set
- b) set -x
- c) debug
- d) db

Answer:-

- b) set -x

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Question # 28

For every successful login, which script will be executed?

- a) /etc/inittab
- b) /etc/profile
- c) /etc/login
- d) /etc/init

Answer:-

- b) /etc/profile

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Question # 29

Hidden files are:

- a) Those whose 'read' bit is set to 'h'
- b) Permitted for (can be accessed) only superusers
- c) Files that begin with a '.'
- d) Files that cannot be opened by ordinary user for writing

Answer:-

- c) Files that begin with a '.'

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Question # 30

Shell is?

- a) Command Interpreter
- b) Interface between Kernel and Hardware
- c) Interface between user and applications
- d) Command Compiler

Answer:-

- a) Command Interpreter

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Question # 31

Which of the following files will not be displayed by the command `cat re*`?

- a) reminder
- b) receipt
- c) Receipt
- d) recipe-cake

Answer:-

- c) Receipt

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Question # 32

BASH shell stands for?

- a) Bourne-again Shell
- b) Basic Access Shell
- c) Basic to Advanced Shell
- d) Big & Advanced Shell

Answer:-

- a) Bourne-again Shell

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Question # 33



The user bhojas logged in and performed the following sequence of command. What will be the output of the last command?

```
$ cd project/module1
$ pwd
a) /home/bhojas/project/module1
b) /home/project/module1
c) /usr/bhojas/project/module1
d) project/module1
```

Answer:-

a) /home/bhojas/project/module1

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Question # 34

Which of the following represents an absolute path?

a) ../home/file.txt
b) bin/cat
c) cs2204/
d) /usr/bin/cat

Answer:-

d) /usr/bin/cat

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Question # 35

What is a shell in UNIX?

a) a program through which users can issue commands to UNIX
b) a window management system
c) the login screen
d) the thing that rides on the back of a turtle in UNIX

Answer:-

a) a program through which users can issue commands to UNIX

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Question # 36

Which is true with regards to the shell prompt:

a) It can be accidentally erased with backspace
b) The prompt cannot be modified
c) The prompt can be customized (modified)
d) None of the mentioned

Answer:-

c) The prompt can be customized (modified)

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Question # 37

Which of the following is true?

a) Shell is a process and can be started by superuser only
b) Shell is a built-in Kernel functionality
c) Shell is a wrapper for all the commands and utilities
d) None of the mentioned

Answer:-

c) Shell is a wrapper for all the commands and utilities

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Question # 38

If a file with execute permissions set, but with unknown file format is executed:

a) The file is passed to /bin/sh
b) The system returns an error
c) The current shell will try to execute it
d) None of the mentioned

Answer:-

c) The current shell will try to execute it

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Question # 39

Which of these is not a Unix Flavor?

a) BSD
b) MAC
c) AIX
d) IRIX

Answer:-



b) MAC

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Question # 40

What are the sizes of (Integer/Long/Pointer) in LP64 programming model?

- a) 8/8/8
- b) 4/4/8
- c) 4/8/8
- d) 4/8/4

Answer:-

- c) 4/8/8

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Question # 41

Which among the following is used to write small programs to control Unix functionalities?

- a) Shell Commands
- b) Shell Script
- c) Filters
- d) C Language

Answer:-

- b) Shell Script

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Question # 42

How do you get help about the command "cp"?

- a) help cp
- b) man cp
- c) cd ?
- d) help cd

Answer:-

- b) man cp

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