

Caution! Please do not move away from the window or refresh. You may be marked as suspicious

Section - 1



Question No. | 1 of 23 | 1 Marks

Next Question

What is the purpose of the awk command?

☐ Sorting lines in a file

☐ Pattern matching in a text file

☐ Counting the number of lines in a file

☒ Extracting columns from a text file

Next Question

Clear Answer

Section - 1

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Question No. | 2 of 23 | 1 Marks

Next Question

Scenario: John is a system administrator and needs to create a new user named "Alice" with a specific home directory and shell. Which command should he use?

- ☐ adduser -h /home/Alice -s /bin/bash Alice
- ☐ usermod -m -d /home/Alice -s /bin/bash Alice
- ☒ useradd -m -d /home/Alice -s /bin/bash Alice
- ☐ usergadd -m -d /home/Alice -s /bin/bash Alice

Next Question

Clear Answer

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Question No. 3 of 23 1 Marks

Next Question

What is the significance of the shebang (!) in a shell script?

- ☐ Represents a loop statement
- ☐ Marks the beginning of a comment
- ☒ Specifies the shell to be used for execution
- ☐ Indicates a variable assignment

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⏪ 1 2 3 4 5 6 7 ⏩

Question No. | 4 of | 23 | 1 Marks

Next Question

Scenario:
While setting up a MySQL database, you need to grant specific privileges to a user for a particular database. Which SQL command achieves this?

☐ ALLOW PRIVILEGES 'user' ON database_name;

☐ GRANT USER 'user' DATABASE 'database_name';

☒ GRANT ALL PRIVILEGES ON database_name TO 'user'@'localhost';

☐ PRIVILEGES GRANT database_name TO 'user'@'localhost';

Next Question

Clear Answer

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⏪ 1 2 3 4 5 6 7 8 ⏩

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Question No. | 5 of | 23 | 1 Marks

Next Question

Scenario: Mary wants to add a new group called "developers" to the system. What command should she use?

- ☐ addgroup developers
- ☐ groupcreate developers
- ☐ newgroup developers
- ☒ groupadd developers

Next Question

Clear Answer

Section - 1

⏪ 2 3 4 5 6 7 8 9 ⏩

Question No. 6 of 23 1 Marks

Next Question

In the context of web servers, what is the Document Root?

- ☐ The configuration file for the web server
- ☐ A security feature of the web server
- ☒ The top-level directory where web server files are stored
- ☐ The primary domain of the web server

Next Question

Clear Answer

Section - 1

⏪ 3 4 5 6 7 8 9 10 ⏩

Question No. 7 of 23 1 Marks

Next Question

Which command is used to display the first few lines of a file?

- ☐ top
- ☐ init
- ☒ head
- ☐ begin

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⏪ 4 5 6 7 8 9 10 11 ⏩

Question No. | 8 of | 23 | 1 Marks

Next Question

In the context of web servers, what is a virtual host?

- ☒ A configuration that allows multiple websites on a single server
- ☐ A simulated server for testing purposes
- ☐ A backup server for failover
- ☐ A server running in a virtual environment

Next Question

Clear Answer

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⏪ 5 6 7 8 9 10 11 12 ⏩

Question No. | 9 of | 23 | 1 Marks

Next Question

Scenario:
You are writing a Bash script to automate the backup of a directory. Which command is used to create a compressed tarball of the directory?

- ☐ zip -r
- ☐ gzip -d
- ☐ compress -t
- ☒ tar -czvf

Next Question

Clear Answer

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Question No. 10 of 23 | 1 Marks

Next Question

Scenario: Sarah is removing a user account named "Eve" from the system and wants to delete the user's home directory. What command should she use?

- ☐ deluser --remove-home Eve
- ☒ userdel -r Eve
- ☐ userdel --home Eve
- ☐ deluser -r Eve

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Question No. 11 of 23 | 1 Marks

Next Question

Scenario:
You want to schedule a script to run at a specific time every day using cron. What cron expression would you use to run the script at 3:30 AM?

☒ 30 3 * * *

☐ 3 30 * * *

☐ 30 * 3 * *

☐ 0 3 * * 30

Scenario:

In PostgreSQL, you want to create a new database. Which SQL command is correct for this task?

- ☐ ADD DATABASE new_database;
- ☒ CREATE DATABASE new_database;
- ☐ INIT DATABASE new_database;
- ☐ MAKE DATABASE new_database;

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Question No. 13 of 23 | 1 Marks

Next Question

Scenario: You are tasked with optimizing the performance of a high-traffic website hosted on an Apache server. Which directive in the Apache configuration file should you adjust to increase the maximum number of simultaneous connections?

- ☐ ConnectionLimit
- ☐ ServerLimit
- ☐ ConcurrentRequests
- ☒ MaxClients

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Question No. 14 of 23 | 1 Marks

Next Question

In the context of file permissions, what does the 'x' permission signify?

- ☐ Write
- ☒ Execute
- ☐ Redirect
- ☐ Read

Next Question

Clear Answer

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Question No. 15 of 23 | 1 Marks

Next Question

Which command is used to display the last 10 lines of a file in Linux?

- ☐ end -10
- ☒ tail -n 10
- ☐ tail --last 10
- ☐ last

In Shell scripting, what does the \$? symbol represent?

- ☒ Exit status of the last command
- ☐ Process ID
- ☐ Current user
- ☐ Home directory

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⏪ 13 14 15 16 17 18 19 20 ⏩

Question No. 17 of 23 1 Marks

Next Question

What does the wc command do?

- ☒ Word count in a text file
- ☐ Line count in a text file
- ☐ Character count in a text file
- ☐ All of the above

Next Question

Clear Answer

Section - 1

⏪ 14 15 16 17 18 19 20 21 ⏩

Question No. 18 of 23 | 1 Marks

Next Question

What is the purpose of the tail command?

- ☐ Counts the number of lines in a file
- ☐ Searches for patterns in a file
- ☐ Extracts columns from a text file
- ☒ Displays the last lines of a file

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⏪ 15 16 17 18 19 20 21 22 ⏩

Question No. 19 of 23 | 1 Marks

Next Question

How do you exit nano without saving changes?

- ☐ Ctrl + C
- ☐ Ctrl + Q
- ☒ Ctrl + X
- ☐ Ctrl + Z

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Question No. | 20 of 23 | 1 Marks

Next Question

What does the > operator do in Linux command-line redirection?

☐ Appends to a file

☐ Creates a symbolic link

☐ Redirects input from a file

☒ Redirects output to a file

Next Question

Clear Answer

 Next Question

04

Clear Answer

Section - 1

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Question No. 22 of 23 | 1 Marks

Next Question

In a bash script, how do you comment a single line?

- ☒ // This is a comment
- ☐ # This is a comment
- ☐ /* This is a comment */
- ☐ --- This is a comment

Next Question

Clear Answer

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Question No. 23 of 23 | 1 Marks

Scenario: You want to set the default permissions for all newly created files in a directory to be readable and writable for the owner and readable for the group. What command would you use?

☒ chmod u+rw,g+r directory

☐ chmod +rw,g+r directory

☐ chmod g+rw,o+r directory

Clear Answer

Click the "Finish test" on the top right corner to finish the section.