Assignment:5

Task:4

Cronjob

Task: Create a shell script which will take backup of any Text file on daily 11:30 AM and paste into the /backup folder.

To accomplish this task, you can create a shell script to perform the backup and then schedule it as a cronjob to run daily at 11:30 AM. Here's an example:

1. Create the Backup Script:

Create a shell script (e.g., backup_script.sh) with the following content. Replace /path/to/your_text_file.txt with the actual path of the text file you want to back up.

```
source_file="/path/to/your_text_file.txt"
backup_folder="/backup"

if [ -e "$source_file" ]; then
    mkdir -p "$backup_folder"

    backup_filename="backup_$(date +\%Y\%m\%d_\%H\%M\%S).txt"

    cp "$source_file" "$backup_folder/$backup_filename"

    echo "Backup completed successfully."
else
    echo "Error: Source file not found."
```

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Make the script executable:

chmod +x backup_script.sh

Schedule as a Cronjob:

Use the crontab -e command to edit the cron table for the user who will execute the script. Add the following line to schedule the backup script to run daily at 11:30 AM:

30 11 * * * C:\Users\91725\Desktop\Promact Internship\Linux Assignment 5\Task4\script.sh

This cron expression breaks down as follows:

30: Minute (run the script at the 30th minute of the hour).

11: Hour (run the script at the 11th hour).

* * *: Day of the month, Month, and Day of the week (every day).

Replace /path/to/backup_script.sh with the actual path to your backup_script.sh file.