#!/bin/bash

# =============================================

# Daily User Log Archiver - Full Version (Downloads folder, Older than 7 Days)

# =============================================

# --- Step 1: Identify user ---

USER\_NAME=$(whoami)

echo "Script run by: $USER\_NAME"

# --- Step 2: Create log directory and save daily log ---

LOG\_DIR=/home/bunty/Downloads/dailylogs

mkdir -p "$LOG\_DIR"

LOGFILE="$LOG\_DIR/log\_$(date +%Y-%m-%d).txt"

{

echo "User: $USER\_NAME"

echo "Date: $(date)"

echo "----------------------------------------"

echo "System Uptime:"

uptime

echo "----------------------------------------"

echo "Top 5 CPU Consuming Processes:"

ps -eo pid,comm,%mem,%cpu --sort=-%cpu | head -n 6

echo "----------------------------------------"

echo "Disk Usage:"

df -h

} > "$LOGFILE"

echo " Daily log saved: $LOGFILE"

# --- Step 3: Weekly archive (Monday only) ---

ARCHIVE\_DIR=/home/bunty/Downloads/dailylogs/archive

mkdir -p "$ARCHIVE\_DIR"

DAY\_OF\_WEEK=$(date +%u) # 1 = Monday

if [ "$DAY\_OF\_WEEK" -eq 1 ]; then

tar -czf "$ARCHIVE\_DIR/weeklylogs\_$(date +%Y-%m-%d).tar.gz" -C "$LOG\_DIR" .

echo " Weekly archive created."

fi

# --- Step 4: Move logs older than 7 days ---

for file in "$LOG\_DIR"/log\_\*.txt; do

if [ -f "$file" ] && [ $(find "$file" -mtime +7) ]; then

mv "$file" "$ARCHIVE\_DIR/"

echo "Moved $file to archive"

fi

done

# --- Step 5: Menu for manual operations ---

echo ""

echo "========= MENU ========="

echo "1) Archive all logs manually"

echo "2) Move logs older than 7 days manually"

echo "3) View latest log"

echo "4) Exit"

echo "========================"

read -p "Enter your choice (1-4): " choice

case $choice in

1)

echo "Archiving all logs..."

tar -czf "$ARCHIVE\_DIR/manual\_archive\_$(date +%Y-%m-%d).tar.gz" -C "$LOG\_DIR" .

echo " Manual archive created."

;;

2)

echo "Moving logs older than 7 days to archive..."

for file in "$LOG\_DIR"/log\_\*.txt; do

if [ -f "$file" ] && [ $(find "$file" -mtime +7) ]; then

mv "$file" "$ARCHIVE\_DIR/"

echo "Moved $file to archive"

fi

done

;;

3)

echo "===== Latest Log Content ====="

cat "$LOGFILE"

echo "=============================="

;;

4)

echo "Exiting..."

exit 0

;;

\*)

echo "Invalid choice!"

;;

esac