Disk Usage Monitoring Script (80% Threshold)

# Script: disk\_usage\_alert.sh

#!/bin/bash  
  
# Threshold (percentage)  
THRESHOLD=80  
  
# Check all mounted filesystems  
df -hP | grep '^/dev/' | while read line; do  
 usage=$(echo $line | awk '{print $5}' | sed 's/%//')  
 mountpoint=$(echo $line | awk '{print $6}')  
   
 if [ "$usage" -ge "$THRESHOLD" ]; then  
 echo "⚠️ WARNING: Disk usage on $mountpoint is at ${usage}%"  
 # Optional: log or send email  
 # echo "Disk usage warning: $mountpoint at ${usage}%" | mail -s "Disk Alert" admin@example.com  
 fi  
done

# How to Apply This Script

1. Save the script:

nano ~/disk\_usage\_alert.sh

Paste the script and save it.

2. Make the script executable:

chmod +x ~/disk\_usage\_alert.sh

3. Run it manually to test:

./disk\_usage\_alert.sh

4. Set up a cron job to run every hour:

crontab -e

Add this line:

0 \* \* \* \* /home/youruser/disk\_usage\_alert.sh >> /var/log/disk\_alert.log 2>&1