

Shell scripts in Linux

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indipa@indipa:~$ sudo nano /usr/local/bin/backup_home.sh
[sudo] password for indipa:
indipa@indipa:~$ sudo chmod +x /usr/local/bin/backup_home.sh
indipa@indipa:~$ crontab -e
crontab: installing new crontab
indipa@indipa:~$ sudo mkdir -p /backup
sudo chown $USER:$USER /backup
indipa@indipa:~$
```

```
GNU nano 7.2 /usr/local/bin/backup_home.sh
mkdir -p $BACKUP_DIR

# Variables
BACKUP_DIR="/backup"
DATE=$(date +%Y-%m-%d)
FILENAME="my_backup_${DATE}.tar.gz"

# Create backup directory if it doesn't exist
mkdir -p $BACKUP_DIR

# Create the backup
tar -czf "$BACKUP_DIR/$FILENAME" /home

# Optional: Log backup completion
echo "Backup created at $BACKUP_DIR/$FILENAME on $(date)" >> /var/log/backup.log
```

```
#
# m h dom mon dow   command
# * * * * * /home/indipa/logscript.sh
55 23 * * 0 /usr/local/bin/backup_home.sh
```