

# How to Create A Crontab

What is a Crontab?

The *cron* daemon is a long-running process that executes commands at specific dates and times.

To see all crontabs :

```
[root@rcmxap13]# crontab -l
```

To view and edit crontab :

```
[root@rcmxap13]# crontab -e
```

To create a Crontab :

1. [root@rcmxap13]# cd /usr/local/
2. [root@rcmxap13]# vi practice.sh

```
#!/bin/bash
```

```
mkdir -p /tmp/honey/paul/example/
```

```
touch /var/test.pdf
```

```
cp /var/test.pdf /tmp/honey/paul/example/
```

```
#save file ESC :x
```

3. Make the file executable

```
[root@rcmxap13]# chmod +x /usr/local/practice.sh
```

4. Check the time to specify what date you want to run the command.

\*every system may not be on the same time zone as you

```
[root@rcmxap13]# date
```

5. Set up crontab to run at 5:45 pm

```

* * * * * command to execute
| | | | |
| | | | |
| | | | | _____ day of week (0 - 6) (0 to 6 are Sunday to Saturday, or use names; 7 is
day, the same as 0)
| | | | | _____ month (1 - 12)
| | | | | _____ day of month (1 - 31)
| | | | | _____ hour (0 - 23)
| | | | | _____ min (0 - 59)

```

[root@rcmxap13]# crontab -e

45 17 \* \* \* /usr/local/practice.sh

#save file

You have successfully set up a crontab

1. To check if your crontab ran :
  - a. Directories paul , example where created
  - b. test.pdf file was created in /var directory
  - c. file test.pdf was copied to /tmp/honey/paul/example/ directory
2. To run crontab instantly

[root@rcmxap13]# ./practice.sh

3. To stop a crontab from running a specified time
 

crontab -e

# \* \* \* \* \* /usr/local/practice.sh

For additional information :

<http://kvz.io/blog/2007/07/29/schedule-tasks-on-linux-using-crontab/>