

How to execute shell script via crontab?

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Asked 13 years, 9 months ago
Modified 3 years, 1 month ago
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I have a `notify.sh` script that looks like:

```
notify-send "hi welcome"
```

My crontab notification for 2 PM:

```
0 14 * * * home/hacks/notify.sh
```

However, this doesn't work. What is the problem?

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edited Jan 24, 2013 at 20:24



[slhck](#)

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asked Dec 10, 2009 at 8:38



[Aravind](#)

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Your script is missing a `#!` line at the start, which is the magic interpreted by the kernel to say which command interpreter is to be used for the script.

Make it look like this:

```
#!/bin/sh
notify-send "hi welcome"
```

and make sure the script is executable:

```
ls -l home/hacks/notify.sh
chmod +x home/hacks/notify.sh
ls -l home/hacks/notify.sh
```

Also, since you're asking for this to happen just once a day, is the timezone of the crontab the same as your own timezone? You might find this happening at 2pm GMT.

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answered Dec 10, 2009 at 9:04



[Phil P](#)

2,001 • 11 11818180000 bronze

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+1 This answer is awesome - particularly noting the point about the script needs to be executable! Thanks!

- [FXQuantTrader](#)

Jan 9, 2015 at 6:10

Very subtle explanation. My upvote

- [Fokwa Best](#)

Oct 24, 2016 at 12:58

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Making crontab running is easy only . Here I am going to say how to run crontab jobs. It is useful for anyone who is stuck on crontab.

```
*1 *** cd /home/hacks && sh notify.sh
```

To make the script executable, we have to do:

```
chmod +x home/hacks/notify.sh
```

Here i run this script for every one minute ... By doing below script, you can write it in a log file to find whether its working

write log

```
*1 *** cd /home/hacks && sh notify.sh>>test.log
```

send mail

```
*1 *** cd /home/hacks && sh notify.sh>>test.log | mail -s "Hi this is example" user@domain.com
```

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edited Dec 28, 2012 at 16:35



[CommunityBot](#)

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answered Mar 25, 2010 at 6:05



[Aravind](#)

601 • 1 1071010000 bronze

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2

isnt that `*/1 *** sh /home/hacks/notify.sh` will also work ?

- [user1179459](#)

Sep 25, 2015 at 1:14

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