

How to execute shell script via crontab?

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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?
linux crontab
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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. Share
 answered Dec 10, 2009 at 9:04
  2,001 ● 11 1/18s8\/mmonze
 +1 This answer is awesome - particularly noting the point about the script needs to being executable! Thanks!
 Jan 9, 2015 at 6:10
 Very subtle explanation. My upvote
 Oct 24, 2016 at 12:58
25
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 loa
*/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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  answered Mar 25, 2010 at 6:05
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▼

isnt that "*/1 * * * * * sh /home/hacks/notify.sh" will also work ? - user1179459 Sep 25, 2015 at 1:14

4 hypothesis: the cron daemon is not running (do a ps axfww | grep cron and check)
 the notify-send is trying to send output to a terminal, or an X session — but it is ran from within the ron environment and it does not know "who to talk to", so to speak.
 your script is not executable the home? path in the crontab script is relative to the user the scripts gets executed as. Try using the full path

Share anare Improve this answer Follow edited Dec 10, 2009 at 10:16 answered Dec 10, 2009 at 8:42 badgebadgebadges 2,210 • 1 1 00 dol 729 il 20 rbronze 1 **▼** Д •9 Add export DISPLAY=:0 above the notify-send line in your script. This addresses lornezog's second point. Improve this answer Follow badgebadgebadges 0 **▼** Д •9 First of All, we need to edit the crontab with Command crontab -e and than Inside this Crontab add the Path of Executable script and in your Case like this *14*** home/hacks/notify.sh >/dev/null 2>&1 . Start /Stop / restart cron service /etc/init.d/crond start /stop / restart
 service crond start /stop /restart
 systemctl stop crond.service systemctl stop crond.service Share Share Improve this answer Follow answered Oct 24, 2015 at 12:00 **101** • 3 3 bronze badges you shouldn't need to restart according to answers atstackoverflow.com/questions/10193788/... - George Birbilis Aug 21, 2020 at 9:17 -1 **▼** □ •9 You have to open crontab by the following command: crontab -u username -e (to edit) -l(to list) -r(to remove) 10(minutes) 8-15(hours) *(Day of month) *(month) 1,3,5(days of week) /path/to/script/script name.sh This will run your script once an hour from 8AM-3PM at 10 minutes past the hour every Monday, Wednesday and Friday. Share Improve this answer Follow edited Jul 9, 2011 at 1:47 3 **18.6k** • 15 155gosto66816€rbronze badgebadgebadges answered Dec 10, 2009 at 10:00 ravindrakhokharia -3 ▼ **□** •9 nple, add following line at bottom of the crontab file via: sudo nano /etc/crontab @reboot_root _cd /home/pi/hode-sonos-http-api && npm start & Share Improve this answer Follow edited Dec 28, 2018 at 16:32 3,974 - 11 b280MB2H30rbronze badgeadgeadges answered Dec 28, 2018 at 16:01

This does not seem to be an answer to the question.

Dec 28, 2018 at 19:00

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