Rsync Assignment

Pair Members:

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Assignment:

On a Linux server setup a cron job for copying example data with Rsync periodically.

Ensure the copying is handled in the background and independently of the user session

Firstly, we create two folders on desktop, in which first folder named 'abcd' possess two files Doc.txt and files.sh and other is empty named 'wxyz'

So, the objective is to copy those files from folder 'abcd' to empty folder 'wxyz' with Rsync their Data periodically and also automate it by using cronjob

At very beginning we ensure that cron tab is installed in our pc. Fortunately, it was installed in our pc, if it was not then it would be installed by using that command

sudo apt-get install cron

After that, on terminal we have to set cronjob and for setting that cron job

We type following command

Crontab -e

For the first time, it will give an option that which editor we want use

So, we select nano

After that, we entered the cronjob and write a following command

1 * * * rsync -a /home/osamaabdulrazzak/Desktop/abcd//home/osamaabdulrazzak/Desktop/wxyz/

Basically, first path represents the source folder and other path represent the destination folder

And five asterisk represent the cronjob in that manner

* min *hour *day of month (1-31) *month (1-12) * day of week(1-7)

So, it means it copy data from source to destination folder in a minute and Rsync it periodically means, if we make any change in source folder then it will also change the destination folder as well after one minute



For checking and confirming that our crontab is successfully created

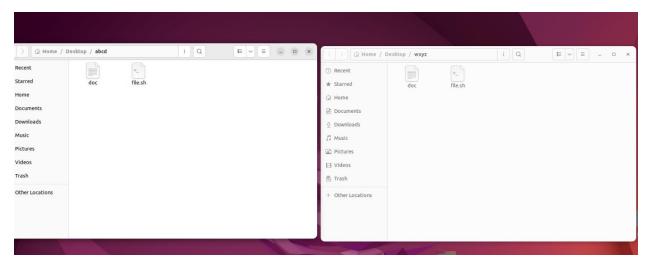
We type following command

Crontab -l

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examabdulrezzakgallM1-7035/5 cronteb 1

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And at last, we observe that our data is successfully copied form source to destination and Rsync periodically



We did both approaches together and we decide to share both method with you