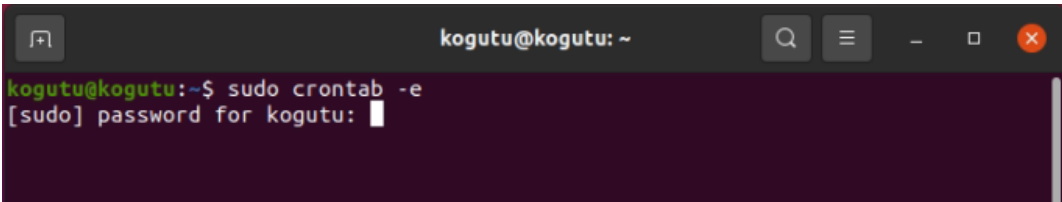
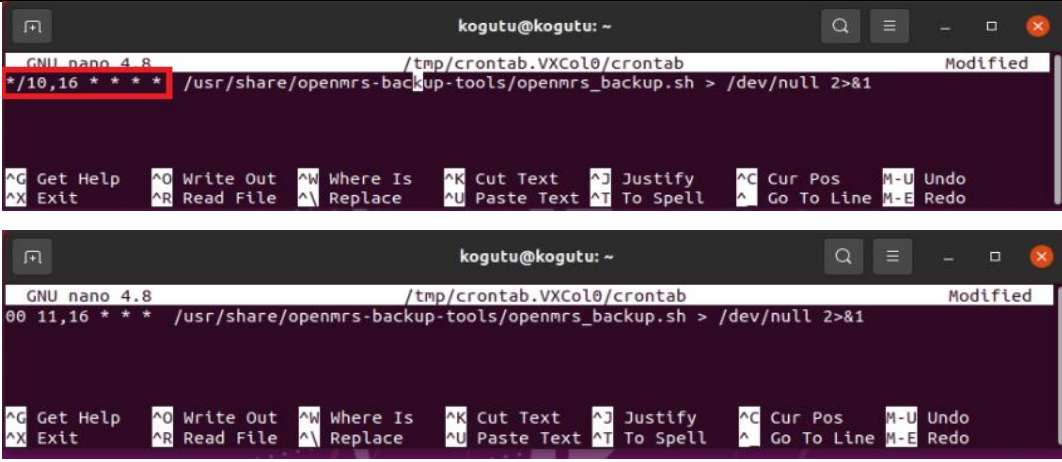


SOP: Database Autobackup Setup

[Last update: Aug 2025]

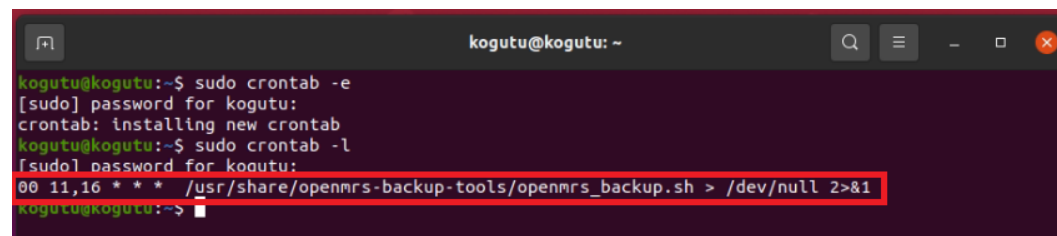
TASK:	Change the default frequency of openmrs database autobackup in TaifaCare
OBJECTIVE:	Change the default frequency of autobackup to twice a day (at 11.00am and 4.00pm)
WHO:	Facility Admins, HRIOs, HIS, Clinicians, Data Staff
REQUIRED MATERIALS:	Functional TaifaCare
SUMMARY:	To reduce the frequency of dumping backups from an interval of 10 minutes to twice a day. This will help in saving server space which is quickly filled with the many backups generated due to short dumping intervals.

Activity	Screenshot
CONFIGURING AUTOBACKUP TO REDUCE FREQUENCY OF DUMPS Step 1: Open terminal and type the following; <pre>sudo crontab -e (Enter)</pre> Enter password when prompted Note: when prompted to select an option for editing, Type 1 (nano) and Enter	
Step 2: Update the highlighted default section of the cron job as indicated a) Default settings b) Updated settings Save by pressing Ctrl+O (Enter) Exit by pressing Ctrl+X	

Step 3: Confirm setting by opening terminal and typing the following.

```
sudo crontab -l (Enter)
Enter password when prompted
```

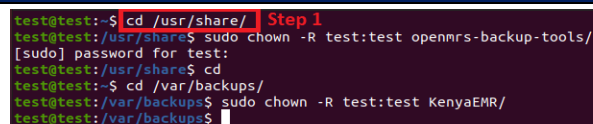
This will show you the cron job script installed
Note: If not correct, repeat Step 1 and 2 above



```
kogutu@kogutu: ~
kogutu@kogutu:~$ sudo crontab -e
[sudo] password for kogutu:
crontab: installing new crontab
kogutu@kogutu:~$ sudo crontab -l
[sudo] password for kogutu:
00 11,16 * * * /usr/share/openmrs-backup-tools/openmrs_backup.sh > /dev/null 2>&1
kogutu@kogutu:~$
```

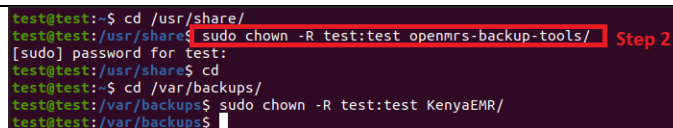
CONFIGURING THE BACKUP DIRECTORY

Step 1: Change directory to into the share directory
 (*cd /usr/share*)



```
test@test:~$ cd /usr/share/ Step 1
test@test:/usr/share$ sudo chown -R test:test openmrs-backup-tools/
[sudo] password for test:
test@test:/usr/share$ cd
test@test:~$ cd /var/backups/
test@test:/var/backups$ sudo chown -R test:test KenyaEMR/
test@test:/var/backups$
```

Step 2: Change the ownership of the openmrs-backup-tools from root to the current user
 (*sudo chown -R facilityxx:facilityxx /usr/share/openmrs-backup-tools*)



```
test@test:~$ cd /usr/share/
test@test:/usr/share$ sudo chown -R test:test openmrs-backup-tools/ Step 2
[sudo] password for test:
test@test:/usr/share$ cd
test@test:~$ cd /var/backups/
test@test:/var/backups$ sudo chown -R test:test KenyaEMR/
test@test:/var/backups$
```

Step 3: Change directory to into the backup directory (<i>cd /var/backup</i>)	<pre>test@test:~\$ cd /usr/share/ test@test:/usr/share\$ sudo chown -R test:test openmrs-backup-tools/ [sudo] password for test: test@test:/usr/share\$ cd test@test:~\$ cd /var/backups/ Step 3 test@test:/var/backups\$ sudo chown -R test:test KenyaEMR/ test@test:/var/backups\$</pre>
Step 4: Change the ownership of the KenyaEMR directory from root to the current user (<i>sudo chown -R facilityxx: facilityxx /var/backups/KenyaEMR</i>)	<pre>test@test:~\$ cd /usr/share/ test@test:/usr/share\$ sudo chown -R test:test openmrs-backup-tools/ [sudo] password for test: test@test:/usr/share\$ cd test@test:~\$ cd /var/backups/ test@test:/var/backups\$ sudo chown -R test:test KenyaEMR/ Step 4 test@test:/var/backups\$</pre>