

1-Write a job that executes every 5mins that logs the system load every 5 mins and the tuned profile. the results are sent to syslog with local7.notice priority

1-To install tuned

```
$ sudo apt install tuned
```

2- Create rsyslog config file:

```
$ sudo nano /etc/rsyslog.d/iti-load.conf  
local7.notice /var/log/iti-load
```

3- Restart rsyslog service:

```
init: $ sudo service rsyslog restart  
(or) systemd: $ sudo systemctl restart rsyslog  
$ logger -p local7.notice `uptime; sudo tuned-adm active`
```

4- Cronjobs

```
$ sudo service cron start  
$ sudo service cron status  
$ crontab -e  
*/5 * * * * logger -p local7.notice `uptime; sudo tuned-adm active`
```

2-The local7.notice stores the messages into file /var/log/iti-load. The file owned by root:root, and the user iti can read the messages from the file

1- Create iti user

```
$ sudo useradd -c "ITI user" -m -s /bin/bash iti
```

2- Change owner and group of /var/log/iti-load

```
$ sudo chgrp root /var/log/iti-load  
$ sudo chown root /var/log/iti-load
```

3- Install ACL

```
$ sudo apt install acl
```

4- To set an ACL

```
$ setfacl -m u:iti:r /var/log/task1
```

5- To display ACL

```
$ getfacl /var/log/task1
```