2. Ejecutar tarea CRONTAB por minuto para realizar un PING a una página y guardar el resultado en un archivo.

192.168.2.11 - PuTTY

```
  GNU nano 2.2.6                                File: /tmp/crontab.D93kxI/crontab

# Edit this file to introduce tasks to be run by cron.
#
# Each task to run has to be defined through a single line
# indicating with different fields when the task will be run
# and what command to run for the task
#
# To define the time you can provide concrete values for
# minute (m), hour (h), day of month (dom), month (mon),
# and day of week (dow) or use '*' in these fields (for 'any').#
# Notice that tasks will be started based on the cron's system
# daemon's notion of time and timezones.
#
# Output of the crontab jobs (including errors) is sent through
# email to the user the crontab file belongs to (unless redirected).
#
# For example, you can run a backup of all your user accounts
# at 5 a.m every week with:
# 0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
#
# For more information see the manual pages of crontab(5) and cron(8)
#
# m h  dom mon dow   command
* * * * * date >> /home/adan/scripts/fechas.txt
* * * * * ping  -c1 google.com >> /home/adan/scripts/ping.txt
```

192.168.2.11 - PuTTY

```
root@gulf:/home/adan/scripts# crontab -e
No modification made
root@gulf:/home/adan/scripts# ls
actializar.sh  fechas.txt  ping.txt
root@gulf:/home/adan/scripts#
```

192.168.2.11 - PuTTY

```
root@gulf:/home/adan/scripts# crontab -e
No modification made
root@gulf:/home/adan/scripts# ls
actializar.sh  fechas.txt  ping.txt
root@gulf:/home/adan/scripts# cat ping.txt
PING google.com (172.217.14.110) 56(84) bytes of data.
64 bytes from lax31s01-in-f14.1e100.net (172.217.14.110): icmp_seq=1 ttl=43 time=80.9 ms

--- google.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 80.965/80.965/80.965/0.000 ms
root@gulf:/home/adan/scripts#
```

192.168.2.11 - PuTTY

```
rtt min/avg/max/mdev = 65.597/65.597/65.597/0.000 ms
PING google.com (172.217.14.110) 56(84) bytes of data.
64 bytes from lax31s01-in-f14.1e100.net (172.217.14.110): icmp_seq=1 ttl=43 time=78.1 ms

--- google.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 78.141/78.141/78.141/0.000 ms
PING google.com (172.217.14.110) 56(84) bytes of data.
64 bytes from lax31s01-in-f14.1e100.net (172.217.14.110): icmp_seq=1 ttl=43 time=66.6 ms

--- google.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 66.647/66.647/66.647/0.000 ms
PING google.com (172.217.11.78) 56(84) bytes of data.
64 bytes from lax17s34-in-f14.1e100.net (172.217.11.78): icmp_seq=1 ttl=43 time=81.6 ms

--- google.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 81.627/81.627/81.627/0.000 ms
PING google.com (172.217.11.78) 56(84) bytes of data.
64 bytes from lax17s34-in-f14.1e100.net (172.217.11.78): icmp_seq=1 ttl=43 time=72.4 ms

--- google.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 72.412/72.412/72.412/0.000 ms
PING google.com (172.217.11.78) 56(84) bytes of data.
64 bytes from lax17s34-in-f14.1e100.net (172.217.11.78): icmp_seq=1 ttl=43 time=66.9 ms

--- google.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 66.969/66.969/66.969/0.000 ms
PING google.com (172.217.11.78) 56(84) bytes of data.
64 bytes from lax17s34-in-f14.1e100.net (172.217.11.78): icmp_seq=1 ttl=43 time=67.1 ms

--- google.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 67.161/67.161/67.161/0.000 ms
PING google.com (172.217.11.78) 56(84) bytes of data.
64 bytes from lax17s34-in-f14.1e100.net (172.217.11.78): icmp_seq=1 ttl=43 time=176 ms

--- google.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 176.921/176.921/176.921/0.000 ms
root@gulf:/home/adan/scripts#
```

3.Ejecutar tarea CRONTAB por minuto para verificar si el servidor de Mysql esta iniciado

192.168.2.11 - PuTTY

```
  GNU nano 2.2.6                                File: /tmp/crontab.Q6jBUs/crontab

# Edit this file to introduce tasks to be run by cron.
#
# Each task to run has to be defined through a single line
# indicating with different fields when the task will be run
# and what command to run for the task
#
# To define the time you can provide concrete values for
# minute (m), hour (h), day of month (dom), month (mon),
# and day of week (dow) or use '*' in these fields (for 'any').#
# Notice that tasks will be started based on the cron's system
# daemon's notion of time and timezones.
#
# Output of the crontab jobs (including errors) is sent through
# email to the user the crontab file belongs to (unless redirected).
#
# For example, you can run a backup of all your user accounts
# at 5 a.m every week with:
# 0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
#
# For more information see the manual pages of crontab(5) and cron(8)
#
# m h  dom mon dow   command
* * * * * date >> /home/adan/scripts/fechas.txt
* * * * * ping  -c1 google.com >> /home/adan/scripts/ping.txt
* * * * * /etc/init.d/mysql status >> /home/adan/scripts/estado.txt
```

192.168.2.11 - PuTTY

```
root@gulf:/home/adan/scripts# crontab -e
No modification made
root@gulf:/home/adan/scripts# ls
actializar.sh  fechas.txt  ping.txt
root@gulf:/home/adan/scripts# cat ping.txt
PING google.com (172.217.14.110) 56(84) bytes of data.
64 bytes from lax31s01-in-f14.1e100.net (172.217.14.110): icmp_seq=1 ttl=43 time

--- google.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 80.965/80.965/80.965/0.000 ms
root@gulf:/home/adan/scripts# crontab -e
crontab: installing new crontab
root@gulf:/home/adan/scripts# ls
actializar.sh  estado.txt  fechas.txt  ping.txt
root@gulf:/home/adan/scripts#
```

192.168.2.11 - PuTTY

```
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 176.921/176.921/176.921/0.000 ms
root@gulf:/home/adan/scripts# cat estado.txt
● mysql.service - MySQL Community Server
   Loaded: loaded (/lib/systemd/system/mysql.service; enabled)
   Active: active (running) since Mon 2019-04-08 15:52:19 CDT; 17h ago
  Process: 371 ExecStart=/usr/sbin/mysqld --daemonize --pid-file=/var/run/mysqld/mysqld.pid (code=exited, status=0/SUCCESS)
  Process: 263 ExecStartPre=/usr/share/mysql/mysql-systemd-start pre (code=exited, status=0/SUCCESS)
 Main PID: 410 (mysqld)
   CGroup: /system.slice/mysql.service
           └─410 /usr/sbin/mysqld --daemonize --pid-file=/var/run/mysqld/mysqld.pid

Apr 08 15:52:19 gulf systemd[1]: Started MySQL Community Server.
● mysql.service - MySQL Community Server
   Loaded: loaded (/lib/systemd/system/mysql.service; enabled)
   Active: active (running) since Mon 2019-04-08 15:52:19 CDT; 17h ago
  Process: 371 ExecStart=/usr/sbin/mysqld --daemonize --pid-file=/var/run/mysqld/mysqld.pid (code=exited, status=0/SUCCESS)
  Process: 263 ExecStartPre=/usr/share/mysql/mysql-systemd-start pre (code=exited, status=0/SUCCESS)
 Main PID: 410 (mysqld)
   CGroup: /system.slice/mysql.service
           └─410 /usr/sbin/mysqld --daemonize --pid-file=/var/run/mysqld/mysqld.pid

Apr 08 15:52:19 gulf systemd[1]: Started MySQL Community Server.
● mysql.service - MySQL Community Server
   Loaded: loaded (/lib/systemd/system/mysql.service; enabled)
   Active: active (running) since Mon 2019-04-08 15:52:19 CDT; 17h ago
  Process: 371 ExecStart=/usr/sbin/mysqld --daemonize --pid-file=/var/run/mysqld/mysqld.pid (code=exited, status=0/SUCCESS)
  Process: 263 ExecStartPre=/usr/share/mysql/mysql-systemd-start pre (code=exited, status=0/SUCCESS)
 Main PID: 410 (mysqld)
   CGroup: /system.slice/mysql.service
           └─410 /usr/sbin/mysqld --daemonize --pid-file=/var/run/mysqld/mysqld.pid

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  Process: 263 ExecStartPre=/usr/share/mysql/mysql-systemd-start pre (code=exited, status=0/SUCCESS)
 Main PID: 410 (mysqld)
   CGroup: /system.slice/mysql.service
           └─410 /usr/sbin/mysqld --daemonize --pid-file=/var/run/mysqld/mysqld.pid

Apr 08 15:52:19 gulf systemd[1]: Started MySQL Community Server.
root@gulf:/home/adan/scripts#
```

Comentando las tareas CRONTAB para que ya no se estén ejecutando.

192.168.2.11 - PuTTY

```
root@gulf:/home/adan/scripts# crontab -l
# Edit this file to introduce tasks to be run by cron.
#
# Each task to run has to be defined through a single line
# indicating with different fields when the task will be run
# and what command to run for the task
#
# To define the time you can provide concrete values for
# minute (m), hour (h), day of month (dom), month (mon),
# and day of week (dow) or use '*' in these fields (for 'any').#
# Notice that tasks will be started based on the cron's system
# daemon's notion of time and timezones.
#
# Output of the crontab jobs (including errors) is sent through
# email to the user the crontab file belongs to (unless redirected).
#
# For example, you can run a backup of all your user accounts
# at 5 a.m every week with:
# 0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
#
# For more information see the manual pages of crontab(5) and cron(8)
#
# m h  dom mon dow   command
#* * * * * date >> /home/adan/scripts/fechas.txt
#* * * * * ping  -c1 google.com >> /home/adan/scripts/ping.txt
#* * * * * /etc/init.d/mysql status >> /home/adan/scripts/estado.txt
root@gulf:/home/adan/scripts#
```