

# How to add cron job on Asuswrt Merlin Wifi Router

**cru** enables you to check/add/delete cron job on your Asuswrt Merline Wifi Router. Because Asuswrt does not save all the cron job by the limited storage, you should add cron job at **/jffs/scripts/init-start**, so the cronjob will be done as designed.

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## Basic functions of cron job in Asuswrt Merlin Wifi Router

### Add a new cron job

```
cru a {id} min hour day moth week command
```

Where:

- id – Unique ID for each cron job
- min – Minute (0-59)
- hour – Hours (0-23)
- day – Day (0-31)
- month – Month (0-12 [12 is December])
- week – Day of the week(0-7 [7 or 0 is Sunday])
- command – Script or command name to schedule.

### List cron jobs

```
cru l
```

### Delete cron job

```
cru d {id}
```

## Example of Cron Job

Let us add cron job on Asuswrt Merlin Wifi router to ping gateway every 1 hour, run:

```
cru a pinggw "0 * * * * /bin/ping -c 10 -q 192.168.2.254"
```

Above cron job will run /bin/ping command that sends only 10 pings and only display output at start.  
To list current jobs run:

```
cru l
```

To delete current jobs run:

```
cru d pinggw
```

Verify it:

```
cru l
```

## Create/Edit a script called services-start

Type the following command

```
vi /jffs/scripts/init-start
```

And add your command like below. Below is the case to update DNS every 10mins

```
cru a ddns "*/10 * * * * /usr/sbin/wget -O /dev/null 'http://ddns.dnszi.com/set.html?
user=<your_id>&auth=<your_auth>&domain=<your_domain>&record=<your_record>' "
```

Reboot Asuswrt every 12 hours

```
cru a reboot12 "0 */12 * * * * /sbin/reboot"
```

Reboot Asuswrt at 5:30 AM

```
cru a reboot0530 "30 5 * * * * /sbin/reboot"
```

To enable boot time support for /jffs/scripts/, you should check following options:

