

Comdasy FAQ: Controlled
ADSL Reconnect

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1. Controlled ADSL Reconnect

1.1. Introduction

This short document explains how to implement a controlled ADSL reconnect at certain times.

1.2. Cron

The tool to do this is the cron daemon. We'll create a cron job that will do an ADSL reconnect at night and do a second one an hour later. The reason for the second reconnect is to avoid the 24 hour timelimit some ISPs are setting.

You need to create a file `/etc/cron.d/adsl` with the following content:

```
0 3 * * * root /sbin/rc/rcpppoe restart ; \  
/sbin/rc/rcpptp restart  
0 4 * * * root /sbin/rc/rcpppoe restart ; \  
/sbin/rc/rcpptp restart
```

This will reconnect at 03:00 and at 04:00. You can omit either `rcpppoe` or `rcpptp` if you know which type of ADSL you are using.

If you are using VPN tunnels with ADSL, you should also make sure these are shut down correctly before the ADSL link is separated. In this case you need to create a file `/etc/cron.d/adsl` with the following content:

```
0 3 * * * root /sbin/rc/rcipsec stop; \  
/sbin/rc/rcpppoe restart; /sbin/rc/rcipsec start  
0 4 * * * root /sbin/rc/rcipsec stop; \  
/sbin/rc/rcpppoe restart; /sbin/rc/rcipsec start
```

If you are using OpenVPN Tunnels you need to replace `rcipsec` with `rcopenvpn`. If you are using PPTP ADSL you need to replace `rcpppoe` with `rcpptp` or use both as documented above.