

HP / February 15, 2010 03:07AM

[\[HOW TO\] Auto Reconnect in ADSL/DSL with Script \(Debian/SuSE\)](#)

1. The Script: (Just copy it and vi /usr/bin/repppoe)

Script for Debian:

```
#!/bin/bash
if !ping -c 3 www.google.com > /dev/null 2>&1
then
#/usr/bin/poff
#/usr/bin/pon dsl-provider
/usr/bin/pon ppp0
fi
```

The command for starting network in Debian is /usr/bin/pon and /sbin/ifup for SUSE. The device name for DSL may be dsl0 in SUSE.

So, the script for SUSE is like:

```
#!/bin/bash
if !ping -c 3 www.google.com > /dev/null 2>&1
then
#/usr/bin/poff
#/usr/bin/pon dsl-provider
/sbin/ifup dsl0
fi
```

2. chmod +x /usr/bin/repppoe

3. crontab (as root)

```
Shell> crontab -e
*/5 * * * * /usr/bin/repppoe
```

It means to check the script every 5 minutes. You may set other numbers of minutes for it.

Reference (in Chinese):

1. [Debian Linux: Auto Reconnecting Script in ADSL PPPoE](#) (2007)
2. [Script to Auto Detect the down link of ADSL](#) (2007)

Edited 6 time(s). Last edit at 04/04/2010 04:05AM by HP.

---