

Table Of Contents

Table Of Contents 1

Fedora Core - /etc/ppp/ip-up.local file 2

Debian / Ubuntu Linux 2

[Home](#) > [Faq](#) > [Debian / Ubuntu](#)

How to run a script after ppp interface is comes up under Linux

Posted by [Vivek Gite](#) <vivek@nixcraft.com>

Q. I am using Fedora Core Linux. How do I run a script called /etc/rapp/logtime.sh immediately after my ppp interface is up?

A. [Point-to-Point Protocol](#) ^[2] (PPP), is data link protocol commonly used for dial-up internet access. It is used to establish a direct connection between two nodes. It can connect computers using serial cable, phone line, trunk line, cellular telephone, specialized radio links, or fiber optic links. Most Internet service providers use PPP for customers' dial-up access to the Internet.



Fedora Core - /etc/ppp/ip-up.local file

Under Fedora Core / RHEL / CentOS Linux you need to create or edit file - /etc/ppp/ip-up.local (Debian / Ubuntu Linux user see below for more information).

There is also a file called /etc/ppp/ip-up and it should not be modified -- make local all changes to /etc/ppp/ip-up.local file only.

Step # 1: Open /etc/ppp/ip-up.local file

```
# vi /etc/ppp/ip-up.local
```

Step # 2: You can call your shell script - /etc/rapp/logtime.sh or any other program from this file by adding following line:

```
/etc/rapp/logtime.sh
```

Save and close the file.

Step # 3: Set executable permission

Next set the file executable for the owner:

```
# chmod 700 /etc/ppp/ip-up.local
```

Then set the file executable for script - /etc/rapp/logtime.sh

```
# chmod +x /etc/rapp/logtime.sh
```

From now on, the file /etc/ppp/ip-up.local will be executed immediately after the **ppp0** interface has been brought up by your dialer.

Debian / Ubuntu Linux

Under Debian / Ubuntu Linux put your script in /etc/ppp/ip-up.d/ directory itself. /etc/ppp/ip-up script is run by the pppd after the link is established. It uses run-parts to run scripts in /etc/ppp/ip-up.d you should create script(s) there.

```
# cp /etc/rapp/logtime.sh /etc/ppp/ip-up.d/  
# chmod +x /etc/ppp/ip-up.d/logtime.sh
```

4000+ howtos and counting! Want to read more Linux / UNIX howtos, tips and tricks? Subscribe to our [daily email](#) newsletter or [weekly newsletter](#) to make sure you don't miss a single tip/tricks. Alternatively, subscribe via [RSS/XML](#) feed.

Article printed from Frequently Asked Questions About Linux / UNIX: <http://www.cyberciti.biz/faq/>

URL to article: <http://www.cyberciti.biz/faq/run-script-program-immediately-after-ppp-interface-up/>

URLs in this post:

[1] Image: <http://www.cyberciti.biz/faq/faq/category/networking/>

[2] Point-to-Point Protocol: http://en.wikipedia.org/wiki/Point-to-Point_Protocol

Copyright © 2006-2010 [nixCraft](http://www.cyberciti.biz/). All rights reserved. This print / pdf version is for personal non-commercial use only. More details <http://www.cyberciti.biz/tips/copyright>.