Table Of Contents

nixCraft: Linux Tips, Hacks, Tutorials, And Ideas In Blog Format
http://www.cyberciti.biz/

Home > Faq > FAQ

Debian / Ubuntu Linux Install tracepath / traceroute6 / tracepath6 commands

Posted by Vivek Gite <vivek@nixcraft.com>

Q. I'm not able to run tracepath or tracepath6 under Debian Linux. tracepath is default under CentOS Linux. How do I install tracepath command under Debian Linux 4.x server? How do I find out what package owns the command under Debian / Ubuntu Linux? [1]

A. iptrace and other utilities are part of the iputils package, which contains basic utilities for monitoring a network, including ping. The ping command sends a series of ICMP protocol ECHO_REQUEST packets to a specified network host to discover whether the target machine is alive and receiving network traffic. You need to install iputils-tracepath package under Debian / Ubuntu Linux to use tracepath / tracepath6 command.

```
# apt-get install iputils-tracepath
```

Now you can use, tracepath or traceroute command:

```
$ tracepath google.com
$ tracepath6 ipv6.google.com
```

How do I find out what package owns the command under Debian / Ubuntu Linux?

Use apt-cache command as follows:

```
$ apt-cache search 'command name'
$ apt-cache search 'regex'
$ apt-cache search 'tracepath'
```

Sample output:

```
gnome-nettool - network information tool for GNOME
iputils-tracepath - Tools to trace the network path to a remote host
traceroute-nanog - Determine route of packets in TCP/IP networks (NANOG variant)
```

Further readings:

* Debian Linux apt-get package management cheat sheet [2]
* man pages apt-cache and apt-get

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/debian-ubuntu-linux-install-tracepath-traceroute6/**

URLs in this post:

[1] Image: **http://www.cyberciti.biz/faq/faq/category/debian-ubuntu/**
[2] Debian Linux apt-get package management cheat sheet: **http://www.cyberciti.biz/tips/linux-debian-package-management-cheat-sheet.html**