

Table Of Contents

Table Of Contents 1

Install netstat-nat 2

 Source code / RPM file 2

How do I use netstat-nat command? 2

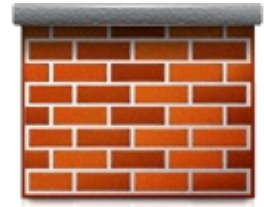
[Home](#) > [Faq](#) > [CentOS](#)

Display the Natted / Routed Connections on a Linux Iptable Firewall

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

Q. I've Linux box acting as software router (natted) for over 100 computer connected via LAN. Regular netstat command is not displaying the list of all natted connections. How do I find out connections managed by netfilter / iptables which comes with the Debian 4.x system?

A. You cannot use regular netstat command to display NAT connections managed by iptables. You need to use netstat-nat command. You can also use /proc/net/ip_conntrack or /proc/net/nf_conntrack, which is the temporary conntrack storage of netfilter.



[1]

Install netstat-nat

Use apt-get command under Debian / Ubuntu Linux, enter:

```
$ sudo apt-get install netstat-nat
```

Source code / RPM file

If you are using Suse / Redhat Linux, grab source code or RPM [file here](#) ^[2]:

How do I use netstat-nat command?

Login as root user and type the following to display list of all natted connections:

```
# netstat-nat -n
```

To display NAT connections with protocol selection, enter:

```
# netstat-nat -np
```

To display all connection by source IP called 192.168.1.100

```
# netstat-nat -s 192.168.1.100
```

To display all connections by destination IP/hostname called laptop, enter:

```
# netstat-nat -s laptop
```

To display SNAT connections, enter:

```
# netstat-nat -S
```

To display DNAT connections, enter:

```
# netstat-nat -D
```

To display only connections to NAT box self i.e. doesn't show SNAT & DNAT, enter:

```
# netstat-nat -L
```

To display help, enter:

```
$ netstat-nat -h  
$ man netstat-nat
```

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/display-iptables-router-nat-connections-using-netstat-nat/>

URLs in this post:

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

[2] file here: <http://www.tweegy.nl/projects/netstat-nat/>

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