

Table Of Contents

Table Of Contents ..... 1

Open port 80 ..... 2

Open port 110 ..... 2

Open port 143 ..... 2

Restart iptables service ..... 2

Verify that port is open ..... 2

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

## Redhat / CentOS / Fedora Linux Open Port

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

**Q.** I've Redhat Enterprise Linux 5 server with Iptables firewall enabled. By default it is only allowing port 22. How do I open port 80 / 143 / 110 on Linux? I've started all services but don't know how to open port using iptables.



[1]

**A.** By default iptables firewall stores its configuration at /etc/sysconfig/iptables file. You need to edit this file and add rules to open port number. This file only available under Red Hat Enterprise Linux 3 / 4 / 5 and above  
=> Old Red hat Linux version  
=> CentOS 4 and above  
=> Fedora Linux

### Open port 80

Open file /etc/sysconfig/iptables:

```
# vi /etc/sysconfig/iptables
```

Append rule as follows:

```
-A RH-Firewall-1-INPUT -m state --state NEW -m tcp -p tcp --dport 80 -j ACCEPT
```

Save and close the file. Restart iptables:

```
# /etc/init.d/iptables restart
```

### Open port 110

Append rule as follows:

```
-A RH-Firewall-1-INPUT -m state --state NEW -m tcp -p tcp --dport 110 -j ACCEPT
```

### Open port 143

Append rule as follows:

```
-A RH-Firewall-1-INPUT -m state --state NEW -m tcp -p tcp --dport 143 -j ACCEPT
```

### Restart iptables service

Type the following command:

```
# service iptables restart
```

### Verify that port is open

Run following command:

```
netstat -tulpn | less
```

Make sure iptables is allowing port 80 / 110 / 143 connections:

```
iptables -L -n
```

Refer to iptables man page for more information about iptables usage and syntax:

```
man iptables
```

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/howto-rhel-linux-open-port-using-iptables/>

URLs in this post:

[1] Image: <http://www.cyberciti.biz/faq/faq/category/redhat-and-friends/>

---

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>.