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APF Linux Firewall Open Port 22 From Specific / Selected IP Address Only

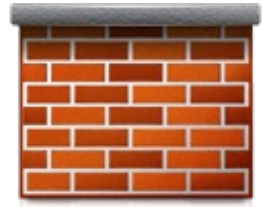
Posted by [Vivek Gite](#) <vivek@nixcraft.com>

Q. I've CentOS Linux server configured with APF firewall. How do I open port 22 from specific IP address only? I've fix static ADSL IP address assigned and I'd like to open port 22 from my IP 202.5.1.3 only using APF firewall script. How do I configure firewall?

A. You need to edit two files:

a) /etc/apf/conf.apf - Main configuration file

b) /etc/apf/allow_hosts.rules - File to allow host wise configuration. You can set trust based rule to grant access all or specific IP and port via the firewall.



[1]

APF Configuration

Open file /etc/apf/conf.apf, enter:

```
# vi /etc/apf/conf.apf
```

Find line that read as follows:

```
IG_TCP_CPORTS="20,21,22,25,53,80,110,143,443,3306"
```

Make sure you remove 22 from the list, so that it read as follows:

```
IG_TCP_CPORTS="20,21,25,53,80,110,143,443,3306"
```

Save and close the file. Now, open /etc/apf/allow_hosts.rules

```
# vi /etc/apf/allow_hosts.rules
```

Allow incoming SSH (TCP port # 22) traffic from your own ADSL connection only 202.5.1.3, append following text.

```
tcp:in:d=22:s=202.5.1.3
```

Save and close the file. Restart APF firewall:

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

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