
Subject: *SOLVED* Root Server - IPtables
Posted by [Ashley](#) on Sun, 25 Feb 2007 18:56:45 GMT
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I have had my server running fine with 6 VPS, however i have had to disable IP-tables, straight away i start ip-tables on the root server all connections are lost to the VPS.

This is both way incoming and outgoing, i have not modified the ip tables in any way on the root server, and have all the correct settings described in the manual for the different config files.

Has anyone had a problem like this and knows how to fix it.

Thanks very much.

Ashley

Subject: Re: Root Server - IPtables
Posted by [Vasily Tarasov](#) on Mon, 26 Feb 2007 11:38:20 GMT
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Hello,

Quote:

straight away i start ip-tables on the root server all connections are lost to the VPS.

How do you start iptables? Please, specify the real command you're using. Also I'd like to know what shows:

```
# iptables -L -nv  
# iptables -t nat -L -nv
```

After iptables start.

Thanks,
Vasily

Subject: Re: Root Server - IPtables
Posted by [Ashley](#) on Mon, 26 Feb 2007 16:57:19 GMT
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I start iptables using service iptables start:

```

Which sends
service iptables start
Flushing firewall rules:           [ OK ]
Setting chains to policy ACCEPT: mangle filter [ OK ]
Unloading iptables modules:        [FAILED]
Applying iptables firewall rules:  [ OK ]
-----
-----

```

Then I did the following functions for you:

```
iptables -L -nv
```

Chain INPUT (policy ACCEPT 0 packets, 0 bytes)

| pkts | bytes | target | prot | opt | in | out | source | destination |
|------|-------|---------------------|------|-----|----|-----|-----------|-------------|
| 62 | 4986 | RH-Firewall-1-INPUT | all | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |

Chain FORWARD (policy ACCEPT 0 packets, 0 bytes)

| pkts | bytes | target | prot | opt | in | out | source | destination |
|------|-------|---------------------|------|-----|----|-----|-----------|-------------|
| 324 | 59500 | RH-Firewall-1-INPUT | all | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |

Chain OUTPUT (policy ACCEPT 354 packets, 46842 bytes)

| pkts | bytes | target | prot | opt | in | out | source | destination |
|------|-------|--------|-------|---------------------|----|-----|-----------|-------------|
| 0 | 0 | ACCEPT | all | -- | lo | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | icmp | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | icmp | type 255 | | | | |
| 0 | 0 | ACCEPT | esp | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | ah | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | udp | -- | * | * | 0.0.0.0/0 | 224.0.0.251 |
| 0 | 0 | ACCEPT | udp | dpt:5353 | | | | |
| 0 | 0 | ACCEPT | udp | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | udp | dpt:631 | | | | |
| 47 | 3544 | ACCEPT | all | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | state | RELATED,ESTABLISHED | | | | |
| 0 | 0 | ACCEPT | tcp | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | state | NEW tcp dpt:22 | | | | |

Chain RH-Firewall-1-INPUT (2 references)

| pkts | bytes | target | prot | opt | in | out | source | destination |
|------|-------|--------|-------|---------------------|----|-----|-----------|-------------|
| 0 | 0 | ACCEPT | all | -- | lo | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | icmp | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | icmp | type 255 | | | | |
| 0 | 0 | ACCEPT | esp | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | ah | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | udp | -- | * | * | 0.0.0.0/0 | 224.0.0.251 |
| 0 | 0 | ACCEPT | udp | dpt:5353 | | | | |
| 0 | 0 | ACCEPT | udp | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | udp | dpt:631 | | | | |
| 47 | 3544 | ACCEPT | all | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | state | RELATED,ESTABLISHED | | | | |
| 0 | 0 | ACCEPT | tcp | -- | * | * | 0.0.0.0/0 | 0.0.0.0/0 |
| 0 | 0 | ACCEPT | state | NEW tcp dpt:22 | | | | |

```
339 60942 REJECT  all -- *      *      0.0.0.0/0      0.0.0.0/0
                    reject-with icmp-host-prohibited
```

```
iptables -t nat -L -nv
Chain PREROUTING (policy ACCEPT 0 packets, 0 bytes)
pkts bytes target  prot opt in   out  source      destination

Chain POSTROUTING (policy ACCEPT 0 packets, 0 bytes)
pkts bytes target  prot opt in   out  source      destination

Chain OUTPUT (policy ACCEPT 0 packets, 0 bytes)
pkts bytes target  prot opt in   out  source      destination
```

```
service iptables stop
Flushing firewall rules:                [ OK ]
Setting chains to policy ACCEPT: mangle filter [ OK ]
Unloading iptables modules:              [FAILED]
```

Yet again all VPS could not be connected to.

Thanks

Subject: Re: Root Server - IPtables
Posted by [Vasily Tarasov](#) on Mon, 26 Feb 2007 17:14:37 GMT
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Well, everything is .explainable now.
According to your rules:

```
Chain INPUT (policy ACCEPT 0 packets, 0 bytes)
pkts bytes target  prot opt in   out  source      destination
62 4986 RH-Firewall-1-INPUT all -- * * 0.0.0.0/0 0. 0.0.0/0
```

```
Chain FORWARD (policy ACCEPT 0 packets, 0 bytes)
pkts bytes target  prot opt in   out  source      destination
324 59500 RH-Firewall-1-INPUT all -- * * 0.0.0.0/0 0. 0.0.0/0
```

```
Chain OUTPUT (policy ACCEPT 354 packets, 46842 bytes)
pkts bytes target  prot opt in   out  source      destination
```

```
Chain RH-Firewall-1-INPUT (2 references)
pkts bytes target prot opt in out source destination
0 0 ACCEPT all -- lo * 0.0.0.0/0 0.0.0.0/0
0 0 ACCEPT icmp -- * * 0.0.0.0/0 0.0.0.0/0 icmp type 255
0 0 ACCEPT esp -- * * 0.0.0.0/0 0.0.0.0/0
0 0 ACCEPT ah -- * * 0.0.0.0/0 0.0.0.0/0
0 0 ACCEPT udp -- * * 0.0.0.0/0 224.0.0.251 udp dpt:5353
0 0 ACCEPT udp -- * * 0.0.0.0/0 0.0.0.0/0 udp dpt:631
47 3544 ACCEPT all -- * * 0.0.0.0/0 0.0.0.0/0 state RELATED,ESTABLISHED
0 0 ACCEPT tcp -- * * 0.0.0.0/0 0.0.0.0/0 state NEW tcp dpt:22
339 60942 REJECT all -- * * 0.0.0.0/0 0.0.0.0/0 reject-with icmp-host-prohibited
```

VE traffic is prohibited. Just read more carefully iptables manual.

Vasily

Subject: Re: Root Server - IPtables
Posted by [Ashley](#) on Mon, 26 Feb 2007 17:55:57 GMT
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Thanks so much.

Im kidna newish to IPtables.

Thanks
