

## How do I block attackers IP with null routes ?

Written by tag

Tuesday, 13 August 2013 19:58 -

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### Nullroute IP using route command

Suppose that bad IP is 123.123.123.123, type following command at shell:

```
# route add 123.123.123.123 gw 127.0.0.1 lo
```

You can verify it with following command:

```
# netstat -nr
```

OR

```
# route -n
```

You can also use reject target:

```
# route add -host IP-ADDRESS reject # route add -host 123.123.123.123 reject
```

To confirm the null routing status, use ip command as follows:

```
# ip route get 123.123.123.123
```

Output:

```
RTNETLINK answers: Network is unreachable
```

Drop entire subnet 192.67.16.0/24:

```
# route add -net 192.67.16.0/24 gw 127.0.0.1 lo
```

You can also use the ip command to null route network or ip, enter:

```
# ip route add blackhole 123.123.123.123/29 # route -n
```

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How do I remove null routing? How do I remove a blocked IP address?

Simple use the router delete command,

```
# route delete 123.123.123.123
```