

IPTables

Overview

List iptable chains

```
> sudo iptables -L |grep ^Chain
```

List Chain

```
> sudo iptables -L <chain>
```

List Chain verbose

```
> sudo iptables -L <chain> -v
```

List Drops

```
> sudo iptables -L |grep DROP or sudo iptables -L |grep REJECT
```

```

DROP      all  --  anywhere          anywhere
DROP      all  --  anywhere          anywhere      /* kubernetes firewall for dropping marked
packets */ mark match 0x8000/0x8000
DROP      ipencap -- anywhere          anywhere      /* cali:_wjq-Yrma8Ly1Svo */ /* Drop IPIP
packets from non-Calico hosts */
DROP      all  --  anywhere          anywhere      /* cali:IP80SQL0VCkv3ZMk */ /* Unknown interface
*/
DROP      all  --  anywhere          anywhere      /* cali:Keps4Q7WlFrK90sC */ /* Unknown interface
*/
DROP      all  --  anywhere          anywhere      /* cali:USBWs6LRLyjceqok */ ctstate INVALID
DROP      all  --  anywhere          anywhere      /* cali:b5-lDh3P2YiCwdLE */ /* Drop if no
profiles matched */
DROP      all  --  anywhere          anywhere      /* cali:GLyML315f8bji4AQ */ /* Unknown endpoint */
DROP      all  --  anywhere          anywhere      /* cali:Lz2VNTVi40jv-dp9 */ /* Unknown interface
*/
DROP      all  --  anywhere          anywhere      /* cali:7b0UnS82qXoUi64w */ ctstate INVALID
DROP      all  --  anywhere          anywhere      /* cali:4Z4bC8wUf4-oIegz */ /* Drop if no
profiles matched */
```

Save iptables to file

```
> sudo iptables-save > iptables.txt
```

Restore iptables

```
> sudo iptables-restore iptables.txt
```

Add a rule

```
> sudo iptables -A INPUT -j ACCEPT -p tcp --destination-port 30500
```

Sample Set of Rules