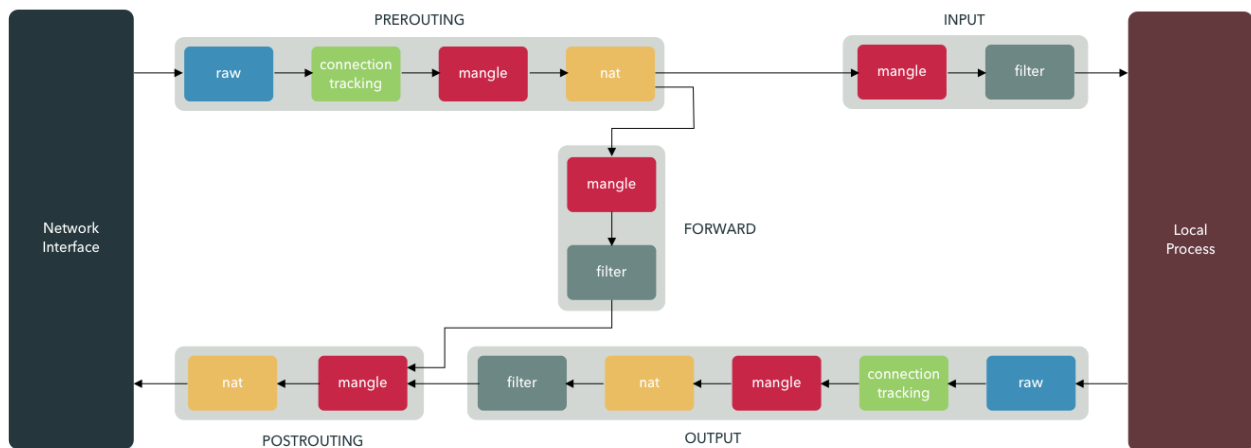


# Install iptables

**iptables** is the built-in firewall on Ubuntu and CentOS.

Here's a handy diagram to understand how it works:



Each color of box is a **table**, each gray box is a **chain**.

## Ubuntu

**iptables** is installed by default. **iptables** do not persist on Ubuntu by default! You **must** add a persistence mechanism as an extra step:

```
apt install iptables-persistent netfilter-persistent
```

You can force saving of iptables at any time with:

```
netfilter-persistent save
```

But they should be flushed when the system shuts down.

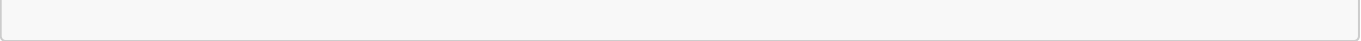
## CentOS

**iptables** are persistent by default.

## Checking

You can use:

```
sudo netstat -peanut
```



To see what ports are listening and the network activity that is occurring.