

# Route Command

2016

The **route** command allows dynamic setting of a route from the command line, however using **route** without any parameters will show the currently configured routes.

## Raspbian

Raspbian Jessie on a Raspberry Pi 3 (LAN connected only, no wifi or bluetooth)

```
route
```

```
Kernel IP routing table
```

| Destination | Gateway       | Genmask       | Flags | Metric | Ref | Use | Iface |
|-------------|---------------|---------------|-------|--------|-----|-----|-------|
| default     | 137.58.71.254 | 0.0.0.0       | UG    | 202    | 0   | 0   | eth0  |
| 137.58.68.0 | *             | 255.255.252.0 | U     | 202    | 0   | 0   | eth0  |

Here we can see the default gateway is **137.58.71.254** on **eth0**

## CentOS

CentOS 6.6 on a server with 6 network interfaces (only eth0 is physically connected).

```
route
```

```
Kernel IP routing table
```

| Destination  | Gateway        | Genmask       | Flags | Metric | Ref | Use | Iface |
|--------------|----------------|---------------|-------|--------|-----|-----|-------|
| 192.168.5.0  | *              | 255.255.255.0 | U     | 0      | 0   | 0   | eth4  |
| 192.168.4.0  | *              | 255.255.255.0 | U     | 0      | 0   | 0   | eth2  |
| 192.168.4.0  | *              | 255.255.255.0 | U     | 0      | 0   | 0   | eth3  |
| 192.168.3.0  | *              | 255.255.255.0 | U     | 0      | 0   | 0   | eth1  |
| 192.168.27.0 | *              | 255.255.255.0 | U     | 0      | 0   | 0   | eth0  |
| link-local   | *              | 255.255.0.0   | U     | 1002   | 0   | 0   | eth2  |
| link-local   | *              | 255.255.0.0   | U     | 1003   | 0   | 0   | eth3  |
| link-local   | *              | 255.255.0.0   | U     | 1004   | 0   | 0   | eth4  |
| link-local   | *              | 255.255.0.0   | U     | 1005   | 0   | 0   | eth5  |
| link-local   | *              | 255.255.0.0   | U     | 1006   | 0   | 0   | eth0  |
| link-local   | *              | 255.255.0.0   | U     | 1007   | 0   | 0   | eth1  |
| default      | 192.168.27.254 | 0.0.0.0       | UG    | 0      | 0   | 0   | eth0  |

Here we can see the default gateway is **192.168.27.254** on **eth0**

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