# Linux Hints, Top Tips, and FAQs

Here are some of the Linux hints and documentation that seems to be woefully lacking or just misleading on the greater wider Internet.

## **Setting iDRAC8 Server info**

This applies to Dell servers of course. First off, install ipmitools:

apt-get update; apt-get install ipmitools

To find out the options available in ipmitools, run:

ipmitools help

and there is a manpage available too.

To set the iDRAC8 System Host Name, you want:

ipmitools mc setsysinfo system\_name HOSTNAME

To set the iDRAC8 Operating System, you want:

ipmitools mc setsysinfo os\_name OSNAME

To set the iDRAC8 Operating System Version, you want:

ipmitools mc setsysinfo delloem os version OSVERSION

And that's it - after that, if you refresh the iDRAC8 Server Overview screen you will see the changes you made.

### **Ubuntu LACP with Cisco Catalyst Switches**

This will of course depend on the switch model you are using and the IOS version, but I've documented here what works in the installations I've been assisting with.

#### **Ubuntu LACP Configuration**

This example shows the /etc/network/interfaces configuration using two ethernet interfaces on a server to be combined to form a LAG, and using LACP.

#### **Cisco Catalyst 2950-48 Configuration**

Configuration snipped for a Catalyst 2950-48 running '12.1(22)EA13'. Note that the 2950-48 needs the flowcontrol send off command - other switches don't seem to need this.

For security reasons, I've made the native VLAN on the trunk to be 999, rather than the default VLAN of 1. I strongly recommend never to use VLAN1 for anything.

```
interface Port-channel2
description V2 Trunk
switchport trunk native vlan 999
switchport mode trunk
load-interval 30
flowcontrol send off
interface FastEthernet0/1
description LAG-PORT1
switchport trunk native vlan 999
switchport mode trunk
load-interval 30
channel-group 2 mode active
interface FastEthernet0/2
description LAG-PORT2
switchport trunk native vlan 999
switchport mode trunk
load-interval 30
channel-group 2 mode active
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```

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