Linux Hints, Top Tips, and FAQs

Here are some of the Linux hints and documentation that seems to be woefully lacking or just mis-leading 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

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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