***Task 5: Ping***

*What command would you use to ping he bbc.co.uk website?*

Texto

Descripción generada automáticamente con confianza bajaTo make a ping to any website, use command “ping” and add the url of the web

*What is the IPv4 address?*

Imagen que contiene exterior, tabla, gente, grupo

Descripción generada automáticamenteAfter executing “ping muirlandoracle.co.uk” you will see the content of the next picture.

As you can see, the IPv4 is 217.160.0.152.

*What switch lets you change the interval of sent ping request?*

First, lets see the manual of ping, so use “man ping”.

After executing the command, you can see the next information.

Texto

Descripción generada automáticamente

As you can see, option -i is the one that let us change the interval.

*What switch would allow you to restrict requests to IPv4?*

Let’s continue using the manual of ping, scroll some and then you can find the switches.

As you can see in the picture bellow, -4 is the one that must be use to request only IPv4.

Texto

Descripción generada automáticamente

*What switch would give you a more verbose output?*

Continue scrolling into manual until you find option -v, read it and you will recognize that v switch is the one for a more verbose output.

Texto

Descripción generada automáticamente

***Task 6: Traceroute***

*Can you see the path your request has taken?*

*What switch would you use to sprecify an interface when using Traceroute?*

Use “man traceroute” to access to the manual of traceroute, scroll down until get into options, then look for the one that allow you to use an interface.

Texto

Descripción generada automáticamente

In this case, -i is the switch that let us use an interface.

*What switch would you use I you wanted to use TCP SYN request when tracing the route?*

*Texto

Descripción generada automáticamente*

Scroll down some in the manual of traceroute until find the option you want, as you can see in the picture, -T is the switch used for a TCP SYN request.

*Which layer of the TCP/IP model will traceroute run on by default?*

Think a little about layers, then you will know that the layer is Internet.