

Funlab-networking-more-tools

By default, the deprecated tools like ifconfig, netstat, nslookup and others are not installed. We will install the tools and investigate them.

1. Install **net-tools**
2. Install **bind-tools**
(bind stands for berkeley internet name domain)
3. List all commands that **net-tools** and **bind-tools** have.
4. The **host** command is part of the **bind-tools** package.
Use the **host** command to find out the ip address of **mindef.nl**

5. What happens if you run the following command:

```
nslookup mindef.nl
```

6. And what happens when you run the following command:

```
dig mindef.nl
```

7. What happens when you run the following command:

```
ifconfig
```

How many interfaces do you see?

8. What happens when you run the following command?

```
netstat -r
```

and what if you run: `netstat -rn`

9. Try to explain the following command:

```
netstat -tulpn
```

(use the manual pages to find out what each option means)

10. Run the following command:

```
netstat -an |grep -i established
```

(Can up explain what it says?)

11. Ask a colleague to login to your system.

Run the same netstat command again....

(do you see the session of your colleague?)