

## Mission 1

Determine and document the mail servers for **starwars.com** using NSLOOKUP.

Solution:

```
$ nslookup -type=MX starwars.com
```

```
sysadmin@UbuntuDesktop:~$  
sysadmin@UbuntuDesktop:~$ nslookup -type=MX starwars.com  
Server:      8.8.8.8  
Address:     8.8.8.8#53  
  
Non-authoritative answer:  
starwars.com mail exchanger = 10 aspmx3.googlemail.com.  
starwars.com mail exchanger = 5 alt2.aspmx.l.google.com.  
starwars.com mail exchanger = 1 aspmx.l.google.com.  
starwars.com mail exchanger = 5 alt1.aspx.l.google.com.  
starwars.com mail exchanger = 10 aspmx2.googlemail.com.  
  
Authoritative answers can be found from:  
  
sysadmin@UbuntuDesktop:~$
```

Explain why the Resistance isn't receiving any emails.

Solution:

The **MX record** shows that the new servers built by the Resistance's network team (primary mail server - **asltx.l.google.com**, and the secondary - **asltx.2.google.com**) are not part of the mail servers starwars.com used to handle incoming mails. Resulting into Resistance inability to receive emails.

The MX record needs to be edited. We can achieve this by editing the **MX(Mail Exchanger)** from the **DNS Zone Editor**.

Document what a corrected DNS record should be.

Solution:

The corrected DNS record should be:

MX record showing:

<b>starwars.com</b>	<b>mail exchanger = 1 asltx.1.google.com</b>
<b>starwars.com</b>	<b>mail exchanger = 5 asltx.2.google.com</b>