In a Network Far, Far Away!

Make a copy of this document to work in, and then for each mission, add the solution below the prompt. Save and submit this completed file as your Challenge deliverable.

Mission 1

1. Mail servers for starwars.com:

```
Alt2.aspmx.l.google.com
Aspmx.l.google.com
Alt1.aspx.l.google.com
Aspmx3.googlemail.com
aspmx2.googlemail.com
```

2. Explain why the Resistance isn't receiving any emails:

```
The primary mail server is aspmx.l.google.com it is supposed to be
alt1.aspx.l.google.com
```

3. Suggested DNS corrections:

```
Change preference numbers
```

Mission 2

1. Sender Policy Framework (SPF) of `theforce.net`:

```
v=spf1 104.156.250.80
```

2. Explain why the Force's emails are going to spam:

```
This is not the correct Ip address
```

3. Suggested DNS corrections:

```
Change the ip address to what it was before it went down or update mail
server
```

Mission 3

1. Document the CNAME records:

```
Theforce.net. Is the cname
```

2. Explain why the subpage `resistance.theforce.net` isn't redirecting to `theforce.net`:

```
The cname should be resistance.theforce.net , not theforce.net (shouldnt be
the same)
```

3. Suggested DNS corrections:

```
Change the cname
```

Mission 4

1. Confirm the DNS records for `princessleia.site`:

```
The 34.102.136.180 and 20.40.202.19 are the back up addresses for this site
```

2. Suggested DNS record corrections to prevent the issue from occurring again:

```
The backup server provided (ns2…) has the same server and address as
original site
```

Mission 5

1. Document the shortest `OSPF` path from Batuu to Jedha:

    a. `OSPF` path:

```
D,C,E,F,J,I,L,Q,T,V
```

    b. `OSPF` path cost:

```
23
```

Mission 6

1. Wireless key:

```
dictionary
```

2. Host IP addresses and MAC addresses:

    a. Sender MAC address:

```
00:13:ce:55:98:ef
```

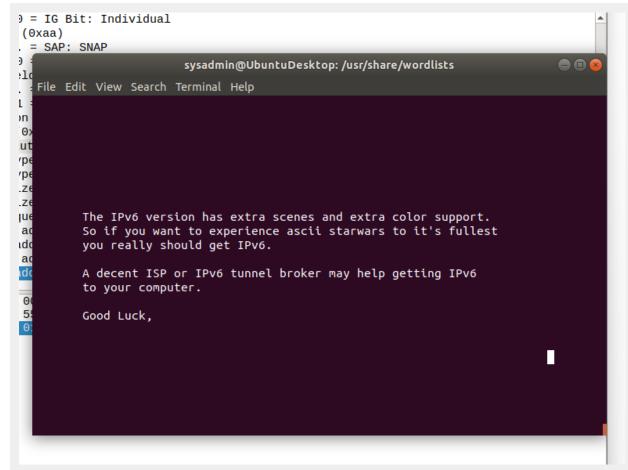   b. Sender IP address:
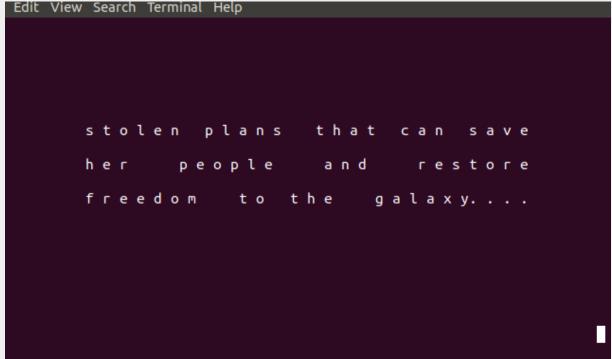
```
172.16.0.101
```

c. Target MAC address:

```
00:00:00:00:00:00
```

d. Target IP address:

```
172.16.0.1
```

Mission 7

1. Screenshot of results:

```
) = IG Bit: Individual
 (0xaa)
. = SAP: SNAP
```

File   Edit   View   Search   Terminal   Help

```
The IPv6 version has extra scenes and extra color support.
So if you want to experience ascii starwars to it's fullest
you really should get IPv6.

A decent ISP or IPv6 tunnel broker may help getting IPv6
to your computer.

Good Luck,
```

Edit   View   Search   Terminal   Help

```
        stolen   plans   that   can   save

        her     people     and     restore

        freedom    to   the    galaxy....
```