Mission 2

Determine and document the SPF for **theforce.net** using NSLOOKUP.

Solution:

\$ nslookup -type=TXT theforce.net

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

Solution:

Since **theforce.net** changed the IP address of their mail server to **45.23.176.21**, and the **SPF record** was not updated with the new IP address as a mail server allowed to send emails on behalf of the domain, the receiving mail server will check the incoming mail IP address (45.23.176.21) and validate it with the SPF record to check for it authorization. In this scenario, the **Received-SPF** will fail because theforce.com does not designate 45.23.176.21 as **permitted sender**.

Document what a corrected DNS record should be.

Solution:

theforce.com needs to edit their SPF record to set the new IP address as permitted sender.

The correct DNS record should be like:

v=spf1 ip4:45.23.176.21