

Question 1

What is the nslookup command you used to see the mail servers for Starwars?

- ☐ nslookup starwar.com -type=mx
- ☐ nslookup -type=mail starwars.com
- ☐ nslookup starwars.com -type=mail
- ☒ nslookup -type=mx starwars.com

Correct, the mx records are mail records.

Question 2

What does MX stand for?

- ☒ Mail Exchange

Correct. MX servers are a type of mail server used specifically for email traffic.

- ☐ More Examples
- ☐ Must Enforce
- ☐ Mail Crossing

Question 3

What is the nslookup command you used to look at the SPF record for theforce.net?

☒ nslookup -type=txt theforce.net

Correct. This will view the SPF record.

☐ nslookup -type=sfp theforce.net

☐ nslookup starwars.com -type=spf

☐ nslookup theforce.net -type=spf

Question 4

5 / 5 pts

Why were the Force's emails going to spam?

☐ The email server is set to the wrong time zone, confusing the receiving server's timestamp verification.

☒ The new mail server IP is not in the SPF record.

Correct. The an SPF (Sender Policy Framework) record is a type of DNS record that identifies which mail servers are permitted to send email on behalf of your domain.

☐ The email content is encrypted, making it unreadable by spam filters.

☐ The email server is using an outdated version of SMTP that is incompatible with modern spam filters.

Question 5

What command would you use to view the CNAME of `www.theforce.net`?

- ☐ `nslookup -type=cname www.theforce.net`
- ☐ `nslookup -type=mx www.theforce.net`
- ☒ `nslookup -type=all www.theforce.net`

Correct, the correct command to view all records, including CNAME, for a domain is `nslookup -type=all`

- ☐ `nslookup -type=a www.theforce.net`

Question 6

10 / 10 pts

What is the likely reason the subpage `resistance.theforce.net` isn't automatically redirecting to `www.theforce.net`?

- ☐ Because `www.theforce.net` is down.
- ☐ Because `resistance.theforce.net` has an incorrect MX record.
- ☐ Because `resistance.theforce.net` has an outdated A record.
- ☒ Because `resistance.theforce.net` is missing a CNAME record.

Correct, because `resistance.theforce.net` is missing a CNAME record. **Explanation:** The solution indicates that the lack of a CNAME record for `resistance.theforce.net` is the reason for the failure in redirecting, thus making B the correct answer.

Question 7

To improve the resilience of the DNS for `princessleia.site`, what type of record should be added?

☐ A record

☒ NS record

Correct, adding an additional nameserver (NS) record will improve the resilience.

☐ CNAME record

☐ MX record

Question 8

10 / 10 pts

In optimizing the network path from `Batuu` to `Jedha` while avoiding `Planet N`, what routing protocol is used to determine the shortest path?

☐ EIGRP

☐ BGP

☒ OSPF

Correct, Open Shortest Path First (OSPF) will choose the shortest path.

☐ RIP

Question 9

What tool is used to crack the Dark Side's secret wireless key?

☐ Netstumbler

☐ Wireshark

☐ Kismet

☒ Aircrack-ng

Correct, Aircrack-ng was used.

Question 10

What is the shortest path from Batuu to Jedha that doesn't include Planet N?

☐ Batuu > D > C > E > F > J > I > L > T > V > Q > Jedha

☒ Batuu > D > C > E > F > J > I > L > Q > T > V > Jedha

Correct, this path doesn't include Planet N.

☐ Batuu > D > C > F > E > F > J > Q > T > V > Jedha

☐ Batuu > D > C > F > E > J > I > Q > T > V > Jedha

Question 11

What is the wireless key?

dictionary

Correct, this was the wireless key from aircrack-ng.

Question 12

10 / 10

What is the website the TXT record tells you to go to via command?

www.asciimation.co.nz

Correct, the full message was 'run the following in a command line: telnet towel.blinkenlights.nl or as a backup access in a browser: www.asciimation.co.nz'.