Cyber Security

Assignment

1. Find out the mail servers of the following domain:

Ibm.com

Wipro.com

Sol.

```
Command Prompt - nslookup

Microsoft Windows [Version 10.0.19041.450]

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C:\Users\HP>nslookup

Default Server: csp3.zte.com.cn

Address: 192.168.1.1

> ibm.com

Server: csp3.zte.com.cn

Address: 192.168.1.1

Non-authoritative answer:
Name: ibm.com

Addresses: 64:ff9b::812a:260a

129.42.38.10

>
```

Type nslookup in your command line.

Then, type ibm.com to find its mail server.

Type nslookup in your command line.

Then, type wipro.com to find its mail server.

2. Find the locations where these email servers are hosted? Sol.

```
Signature Prompt - nslookup

Microsoft Windows [Version 10.0.19041.450]

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C:\Users\HP\nslookup

Default Server: csp3.zte.com.cn

Address: 192.168.1.1

> set type=mx

> ibm.com

Server: csp3.zte.com.cn

Address: 192.168.1.1

Non-authoritative answer:

ibm.com MX preference = 5, mail exchanger = mx00-001b2d01.pphosted.com

ibm.com MX preference = 5, mail exchanger = mx0a-001b2d01.pphosted.com

ibm.com nameserver = nsl-90.akam.net

ibm.com nameserver = nsl-20b.akam.net

ibm.com nameserver = usu2.akam.net

ibm.com nameserver = usu2.akam.net

ibm.com nameserver = usu2.akam.net

ibm.com nameserver = usu3.akam.net

ibm.com n
```

Type nslookup in your command line.

Then, insert set type=mx and press Enter.

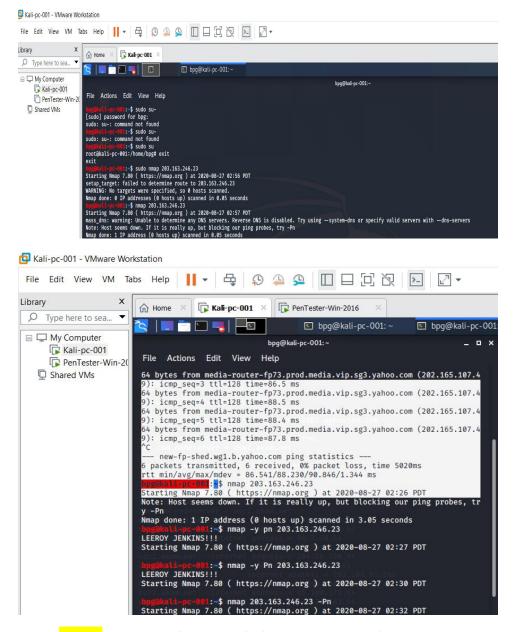
Then, type ibm.com to find its mail server hosted location.

Type nslookup in your command line.

Then, insert set type=mx and press Enter.

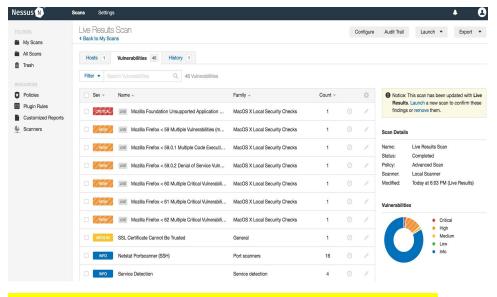
Then, type wipro.com to find its mail server hosted location.

3. Scan and find out port numbers open 203.163.246.23. Sol.



Type nmap command in your kali Linux terminal

- → Nmap 208.163.246.23
- 4. Install nessus in a VM and scan your laptop/desktop for CVE. Sol.



CVE scan of my laptop