

Question 1:

Find out the mail servers of the following domain:

lbm.com

Server: 172.20.80.1

Address: 172.20.80.1#53

Non-authoritative answer:

lbm.com mail exchanger = 5 mx0b-001b2d01.pphosted.com.

lbm.com mail exchanger = 5 mx0a-001b2d01.pphosted.com.

Wipro.com

Server: 172.20.80.1

Address: 172.20.80.1#53

Non-authoritative answer:

Wipro.com mail exchanger = 0 wipro-com.mail.protection.outlook.com.

Question 2:

Find the locations, where these email servers are hosted.

Mx0b-001b2d01.pphosted.com

Geolocation data from ipinfo.io (Product: API, real-time)

Domain Name	Country	Region	City
mx0b-001b2d01.pphosted.com	United States 	California	San Jose
ISP	Organization	Latitude	Longitude
Proofpoint, Inc.	Proofpoint, Inc. (proofpoint.com)	37.3394	-121.8950

Mx0a-001b2d01.pphosted.com

Geolocation data from ipinfo.io (Product: API, real-time)

Domain Name	Country	Region	City
mx0a-001b2d01.pphosted.com	United States 	California	Sunnyvale
ISP	Organization	Latitude	Longitude
Proofpoint, Inc.	Proofpoint, Inc. (proofpoint.com)	37.3688	-122.0363

Wipro-com.mail.protection.outlook.com

Geolocation data from ipinfo.io (Product: API, real-time)

Domain Name	Country	Region	City
wipro-com.mail.protection.outlook.com	Hong Kong SAR China 	Tsuen Wan	Tsuen Wan
ISP	Organization	Latitude	Longitude
Microsoft Corporation	Microsoft Corporation (microsoft.com)	22.3714	114.1133

Question 3:

Scan and find out port numbers open 203.163.246.23

Starting Nmap 7.80 (<https://nmap.org>) at 2020-08-28 14:15 India Standard Time

Note: Host seems down. If it is really up, but blocking our ping probes, try -Pn
Nmap done: 1 IP address (0 hosts up) scanned in 9.70 seconds

NOTE: Host was down

Question 4:

Install nessus in a VM and scan your laptop/desktop for CVE

Scanned the System No CVE Found.