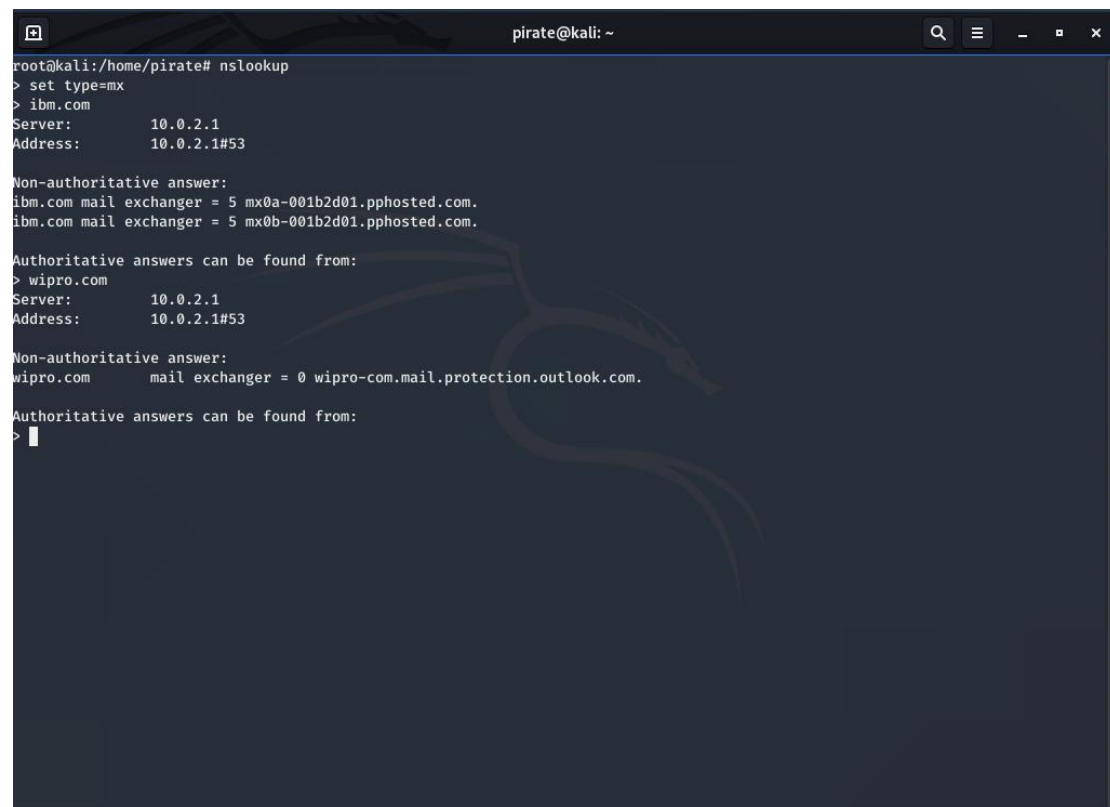


## Question 1:

Find out the mail servers of the following domain :

ibm.com

wipro.com

A terminal window titled 'pirate@kali: ~' showing the output of the 'nslookup' command. The user sets the type to 'mx' and queries 'ibm.com'. The output shows a non-authoritative answer with two mail exchangers: 'mx0a-001b2d01.pphosted.com' and 'mx0b-001b2d01.pphosted.com'. Then, the user queries 'wipro.com', and the output shows a non-authoritative answer with one mail exchanger: 'wipro-com.mail.protection.outlook.com'.

```
root@kali:/home/pirate# nslookup
> set type=mx
> ibm.com
Server:      10.0.2.1
Address:     10.0.2.1#53

Non-authoritative answer:
ibm.com mail exchanger = 5 mx0a-001b2d01.pphosted.com.
ibm.com mail exchanger = 5 mx0b-001b2d01.pphosted.com.

Authoritative answers can be found from:
> wipro.com
Server:      10.0.2.1
Address:     10.0.2.1#53

Non-authoritative answer:
wipro.com mail exchanger = 0 wipro-com.mail.protection.outlook.com.

Authoritative answers can be found from:
>
```

## Question 2:

Find the locations, where these email servers are hosted.

ibm.com mail server hosted on

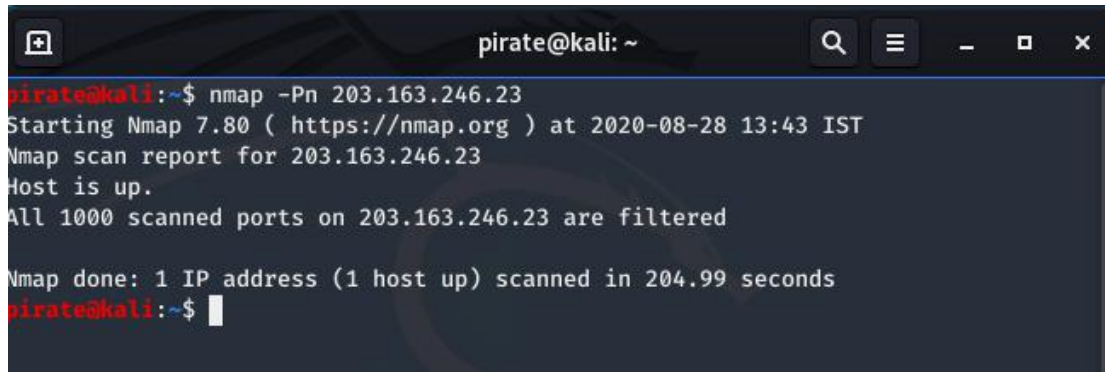
**pphosted.com**

wipro.com mail server hosted on

**outlook.com**

### Question 3:

Scan and find out port numbers open  
203.163.246.23



```
pirate@kali: ~  
pirate@kali:~$ nmap -Pn 203.163.246.23  
Starting Nmap 7.80 ( https://nmap.org ) at 2020-08-28 13:43 IST  
Nmap scan report for 203.163.246.23  
Host is up.  
All 1000 scanned ports on 203.163.246.23 are filtered  
  
Nmap done: 1 IP address (1 host up) scanned in 204.99 seconds  
pirate@kali:~$
```

### Question 4:

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

