**COMP 3124 Assignment 1**

1. Using a command, determine if following ports open (2 marks)

root@ubuntu-s-1vcpu-1gb-tor1-01:~# nmap -p 80 homerevive.ca

Starting Nmap 7.80 ( https://nmap.org ) at 2022-01-25 00:19 UTC

Nmap scan report for homerevive.ca (199.34.228.164)

Host is up (0.061s latency).

rDNS record for 199.34.228.164: cms5.weebly.com

PORT STATE SERVICE

80/tcp open http

Nmap done: 1 IP address (1 host up) scanned in 0.21 seconds

root@ubuntu-s-1vcpu-1gb-tor1-01:~# nmap -p 443 homerevive.ca

Starting Nmap 7.80 ( https://nmap.org ) at 2022-01-25 00:20 UTC

Nmap scan report for homerevive.ca (199.34.228.164)

Host is up (0.061s latency).

rDNS record for 199.34.228.164: cms5.weebly.com

PORT STATE SERVICE

443/tcp open https

Nmap done: 1 IP address (1 host up) scanned in 0.18 seconds

1. Determine the following information (3 marks)

Number of employees: 2

President: Keith P.

Location: 905 Avenue Road, Toronto, ON M5P 2K7

CEO: Keith P.

CFO: Keith P.

Current Job Postings: None at the current moment

1. Output the domain registration and hosting information (2 marks)

Domain Name: homerevive.ca  
Registry Domain ID: 86029562-CIRA  
Registrar WHOIS Server: whois.ca.fury.ca  
Registrar URL: www.enom.com  
Updated Date: 2022-01-07T19:21:27Z  
Creation Date: 2020-11-11T05:47:31Z  
Registry Expiry Date: 2022-11-11T05:47:31Z  
Registrar: eNom Canada Corp.  
Registrar IANA ID: not applicable  
Registrar Abuse Contact Email:  
Registrar Abuse Contact Phone:  
Domain Status: ok https://icann.org/epp#ok  
Registry Registrant ID: REDACTED FOR PRIVACY  
Registrant Name: REDACTED FOR PRIVACY  
Registrant Organization: REDACTED FOR PRIVACY  
Registrant Street: REDACTED FOR PRIVACY  
Registrant City: REDACTED FOR PRIVACY  
Registrant State/Province: REDACTED FOR PRIVACY  
Registrant Postal Code: REDACTED FOR PRIVACY  
Registrant Country: REDACTED FOR PRIVACY  
Registrant Phone: REDACTED FOR PRIVACY  
Registrant Phone Ext: REDACTED FOR PRIVACY  
Registrant Fax: REDACTED FOR PRIVACY  
Registrant Fax Ext: REDACTED FOR PRIVACY  
Registrant Email: Please ask the Registrar of Record identified in this output for information   
on how to contact the Registrant, Admin, or Other contacts of the queried domain name  
Registry Admin ID: REDACTED FOR PRIVACY  
Admin Name: REDACTED FOR PRIVACY  
Admin Organization: REDACTED FOR PRIVACY  
Admin Street: REDACTED FOR PRIVACY  
Admin City: REDACTED FOR PRIVACY  
Admin State/Province: REDACTED FOR PRIVACY  
Admin Postal Code: REDACTED FOR PRIVACY  
Admin Country: REDACTED FOR PRIVACY  
Admin Phone: REDACTED FOR PRIVACY  
Admin Phone Ext: REDACTED FOR PRIVACY  
Admin Fax: REDACTED FOR PRIVACY  
Admin Fax Ext: REDACTED FOR PRIVACY  
Admin Email: Please ask the Registrar of Record identified in this output for information on   
how to contact the Registrant, Admin, or Other contacts of the queried domain name  
Registry Tech ID: REDACTED FOR PRIVACY  
Tech Name: REDACTED FOR PRIVACY  
Tech Organization: REDACTED FOR PRIVACY  
Tech Street: REDACTED FOR PRIVACY  
Tech City: REDACTED FOR PRIVACY  
Tech State/Province: REDACTED FOR PRIVACY  
Tech Postal Code: REDACTED FOR PRIVACY  
Tech Country: REDACTED FOR PRIVACY  
Tech Phone: REDACTED FOR PRIVACY  
Tech Phone Ext: REDACTED FOR PRIVACY  
Tech Fax: REDACTED FOR PRIVACY  
Tech Fax Ext: REDACTED FOR PRIVACY  
Tech Email: Please ask the Registrar of Record identified in this output for information on   
how to contact the Registrant, Admin, or Other contacts of the queried domain name  
Registry Billing ID: REDACTED FOR PRIVACY  
Billing Name: REDACTED FOR PRIVACY  
Billing Organization: REDACTED FOR PRIVACY  
Billing Street: REDACTED FOR PRIVACY  
Billing City: REDACTED FOR PRIVACY  
Billing State/Province: REDACTED FOR PRIVACY  
Billing Postal Code: REDACTED FOR PRIVACY  
Billing Country: REDACTED FOR PRIVACY  
Billing Phone: REDACTED FOR PRIVACY  
Billing Phone Ext: REDACTED FOR PRIVACY  
Billing Fax: REDACTED FOR PRIVACY  
Billing Fax Ext: REDACTED FOR PRIVACY  
Billing Email: Please ask the Registrar of Record identified in this output for information on   
how to contact the Registrant, Admin, or Other contacts of the queried domain name  
Name Server: ns1.bluehost.com  
Name Server: ns2.bluehost.com  
DNSSEC: unsigned  
URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/  
  
For more information on Whois status codes, please visit https://icann.org/epp

1. Verify that the server can communicate with another computer or network (1 mark)
2. Output the result

root@ubuntu-s-1vcpu-1gb-tor1-01:~# ping homerevive.ca

PING homerevive.ca (199.34.228.164) 56(84) bytes of data.

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=1 ttl=52 time=65.0 ms

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=2 ttl=52 time=60.6 ms

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=3 ttl=52 time=60.5 ms

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=4 ttl=52 time=60.4 ms

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=5 ttl=52 time=60.5 ms

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=6 ttl=52 time=60.5 ms

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=7 ttl=52 time=60.4 ms

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=8 ttl=52 time=60.5 ms

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=9 ttl=52 time=60.4 ms

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=10 ttl=52 time=60.4 ms

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=11 ttl=52 time=60.8 ms

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=12 ttl=52 time=60.4 ms

64 bytes from cms5.weebly.com (199.34.228.164): icmp\_seq=13 ttl=52 time=60.5 ms

^C

--- homerevive.ca ping statistics ---

13 packets transmitted, 13 received, 0% packet loss, time 12019ms

rtt min/avg/max/mdev = 60.370/60.845/65.031/1.213 ms

1. Determine route from your local machine to the company’s network machine (2 marks)
2. Output the result

$ ping homerevive.ca -w 5

Pinging homerevive.ca [199.34.228.164] with 32 bytes of data:

Reply from 199.34.228.164: bytes=32 time=88ms TTL=50

Reply from 199.34.228.164: bytes=32 time=61ms TTL=50

Reply from 199.34.228.164: bytes=32 time=61ms TTL=50

Reply from 199.34.228.164: bytes=32 time=61ms TTL=50

Ping statistics for 199.34.228.164:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 61ms, Maximum = 88ms, Average = 67ms