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Assignment for Module 1.2
6m-cloud-1.2-networking-essentials /assignment.md

Question 1: Get the IP Address of skillsunion.com.

In terminal, type "ping skillsunion.com"
165.22.244.85

Question 2: Determine the network latency of skillsunion.com?

ping skillsunion.com
PING skillsunion.com (165.22.244.85): 56 data bytes
64 bytes from 165.22.244.85: icmp_seq=0 ttl=43 time=15.502 ms
64 bytes from 165.22.244.85: icmp_seq=1 ttl=43 time=5.989 ms
64 bytes from 165.22.244.85: icmp_seq=2 ttl=43 time=5.531 ms
64 bytes from 165.22.244.85: icmp_seq=3 ttl=43 time=11.572 ms
64 bytes from 165.22.244.85: icmp_seq=4 ttl=43 time=12.107 ms
64 bytes from 165.22.244.85: icmp_seq=5 ttl=43 time=17.763 ms

Question 3: Identify all devices on the path between your computer to skillsunion.com.

traceroute skillsunion.com
traceroute to skillsunion.com (165.22.244.85), 64 hops max, 40 byte packets
 1 sin104-00-off-cgw1-irb100.corp.tfbnw.net (172.19.96.2) 7.781 ms 3.436 ms 3.675 ms
 2 sin104-00-off-wgw1-be3.corp.tfbnw.net (172.19.64.130) 4.500 ms 14.535 ms 4.035 ms
 3 sin103-pop-cenet-wgw1-be21.corp.tfbnw.net (172.18.2.88) 4.398 ms 3.575 ms 3.363 ms
 4 sin501-pop-cenet-wgw3-ae5-0.corp.tfbnw.net (172.18.2.150) 29.448 ms 20.028 ms 4.498 ms
 5 sin501-pop-cenet-cgw2-ae6-0.corp.tfbnw.net (172.18.1.31) 5.034 ms 4.417 ms
    sin501-pop-cenet-cgw1-ae6-0.corp.tfbnw.net (172.18.1.29) 4.676 ms
 6 * * *
 7 sin501-pop-cenet-pgw3-irb0.corp.tfbnw.net (172.18.1.116) 11.746 ms 5.874 ms 11.263 ms
 8 172.18.1.15 (172.18.1.15) 12.074 ms 4.738 ms
    172.18.1.11 (172.18.1.11) 5.865 ms
 9 ae-59.a01.sngpsi08.sg.bb.gin.ntt.net (128.241.9.60) 7.658 ms
    ae-30.a00.sngpsi08.sg.bb.gin.ntt.net (128.241.9.84) 5.825 ms 11.303 ms
10 * * *
11 ae-0.a02.sngpsi07.sg.bb.gin.ntt.net (129.250.5.62) 21.033 ms
    ae-1.a03.sngpsi07.sg.bb.gin.ntt.net (129.250.5.242) 24.071 ms
    ae-0.a03.sngpsi07.sg.bb.gin.ntt.net (129.250.5.238) 5.984 ms
12 ae-1.digital-ocean.sngpsi07.sg.bb.gin.ntt.net (116.51.17.194) 5.783 ms
    ae-0.digital-ocean.sngpsi07.sg.bb.gin.ntt.net (116.51.17.166) 13.030 ms

```
     ae-1.digital-ocean.sngpsi07.sg.bb.gin.ntt.net (116.51.17.194)  5.158 ms
13  143.244.224.210 (143.244.224.210)  5.953 ms
    143.244.224.206 (143.244.224.206)  5.796 ms  7.871 ms
14  * * *
15  * * *
```

Question 4: Look up the DNS of skillsunion.com without using nslookup.

```
host -t ns skillsunion.com
skillsunion.com name server dns2.registrar-servers.com.
skillsunion.com name server dns1.registrar-servers.com.
```

Question 5: Find out the whois details of skillsunion.com.

```
whois skillsunion.com
% IANA WHOIS server
% for more information on IANA, visit http://www.iana.org
% This query returned 1 object

refer:        whois.verisign-grs.com

domain:       COM

organisation: VeriSign Global Registry Services
address:      12061 Bluemont Way
address:      Reston VA 20190
address:      United States of America (the)

contact:      administrative
name:         Registry Customer Service
organisation: VeriSign Global Registry Services
address:      12061 Bluemont Way
address:      Reston VA 20190
address:      United States of America (the)
phone:        +1 703 925-6999
fax-no:       +1 703 948 3978
e-mail:       info@verisign-grs.com

contact:      technical
name:         Registry Customer Service
organisation: VeriSign Global Registry Services
address:      12061 Bluemont Way
address:      Reston VA 20190
address:      United States of America (the)
phone:        +1 703 925-6999
fax-no:       +1 703 948 3978
e-mail:       info@verisign-grs.com

nserver:      A.GTLD-SERVERS.NET 192.5.6.30 2001:503:a83e:0:0:0:2:30
nserver:      B.GTLD-SERVERS.NET 192.33.14.30 2001:503:231d:0:0:0:2:30
```

```
nserver:    C.GTLD-SERVERS.NET 192.26.92.30 2001:503:83eb:0:0:0:0:30
nserver:    D.GTLD-SERVERS.NET 192.31.80.30 2001:500:856e:0:0:0:0:30
nserver:    E.GTLD-SERVERS.NET 192.12.94.30 2001:502:1ca1:0:0:0:0:30
nserver:    F.GTLD-SERVERS.NET 192.35.51.30 2001:503:d414:0:0:0:0:30
nserver:    G.GTLD-SERVERS.NET 192.42.93.30 2001:503:eea3:0:0:0:0:30
nserver:    H.GTLD-SERVERS.NET 192.54.112.30 2001:502:8cc:0:0:0:0:30
nserver:    I.GTLD-SERVERS.NET 192.43.172.30 2001:503:39c1:0:0:0:0:30
nserver:    J.GTLD-SERVERS.NET 192.48.79.30 2001:502:7094:0:0:0:0:30
nserver:    K.GTLD-SERVERS.NET 192.52.178.30 2001:503:d2d:0:0:0:0:30
nserver:    L.GTLD-SERVERS.NET 192.41.162.30 2001:500:d937:0:0:0:0:30
nserver:    M.GTLD-SERVERS.NET 192.55.83.30 2001:501:b1f9:0:0:0:0:30
ds-rdata:   19718 13 2
8acbb0cd28f41250a80a491389424d341522d946b0da0c0291f2d3d771d7805a
```

whois: whois.verisign-grs.com

status: ACTIVE
remarks: Registration information: http://www.verisigninc.com

created: 1985-01-01
changed: 2023-12-07
source: IANA

whois.verisign-grs.com

   Domain Name: SKILLSUNION.COM
   Registry Domain ID: 2443102751_DOMAIN_COM-VRSN
   Registrar WHOIS Server: whois.namecheap.com
   Registrar URL: http://www.namecheap.com
   Updated Date: 2023-09-14T03:50:23Z
   Creation Date: 2019-10-13T04:16:35Z
   Registry Expiry Date: 2026-10-13T04:16:35Z
   Registrar: NameCheap, Inc.
   Registrar IANA ID: 1068
   Registrar Abuse Contact Email: abuse@namecheap.com
   Registrar Abuse Contact Phone: +1.6613102107
   Domain Status: clientTransferProhibited
https://icann.org/epp#clientTransferProhibited
   Name Server: DNS1.REGISTRAR-SERVERS.COM
   Name Server: DNS2.REGISTRAR-SERVERS.COM
   DNSSEC: unsigned
   URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/
>>> Last update of whois database: 2024-06-18T03:49:22Z <<<

whois.namecheap.com

Domain name: skillsunion.com
Registry Domain ID: 2443102751_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.namecheap.com
Registrar URL: http://www.namecheap.com

Updated Date: 2023-09-14T03:50:23.19Z
Creation Date: 2019-10-13T04:16:35.00Z
Registrar Registration Expiration Date: 2026-10-13T04:16:35.00Z
Registrar: NAMECHEAP INC
Registrar IANA ID: 1068
Registrar Abuse Contact Email: abuse@namecheap.com
Registrar Abuse Contact Phone: +1.9854014545
Reseller: NAMECHEAP INC
Domain Status: clientTransferProhibited
https://icann.org/epp#clientTransferProhibited
Registry Registrant ID:
Registrant Name: Redacted for Privacy
Registrant Organization: Privacy service provided by Withheld for Privacy ehf
Registrant Street: Kalkofnsvegur 2
Registrant City: Reykjavik
Registrant State/Province: Capital Region
Registrant Postal Code: 101
Registrant Country: IS
Registrant Phone: +354.4212434
Registrant Phone Ext:
Registrant Fax:
Registrant Fax Ext:
Registrant Email:
c1c83be59bc24945809b51de2173424e.protect@withheldforprivacy.com
Registry Admin ID:
Admin Name: Redacted for Privacy
Admin Organization: Privacy service provided by Withheld for Privacy ehf
Admin Street: Kalkofnsvegur 2
Admin City: Reykjavik
Admin State/Province: Capital Region
Admin Postal Code: 101
Admin Country: IS
Admin Phone: +354.4212434
Admin Phone Ext:
Admin Fax:
Admin Fax Ext:
Admin Email:
c1c83be59bc24945809b51de2173424e.protect@withheldforprivacy.com
Registry Tech ID:
Tech Name: Redacted for Privacy
Tech Organization: Privacy service provided by Withheld for Privacy ehf
Tech Street: Kalkofnsvegur 2
Tech City: Reykjavik
Tech State/Province: Capital Region
Tech Postal Code: 101
Tech Country: IS
Tech Phone: +354.4212434
Tech Phone Ext:
Tech Fax:
Tech Fax Ext:

Tech Email: c1c83be59bc24945809b51de2173424e.protect@withheldforprivacy.com
Name Server: dns1.registrar-servers.com
Name Server: dns2.registrar-servers.com
DNSSEC: unsigned
URL of the ICANN WHOIS Data Problem Reporting System: http://wdprs.internic.net/
>>> Last update of WHOIS database: 2024-06-17T16:49:37.38Z <<<