Question 1: Get the IP Address of skillsunion.com.
> nslookup skillsunion.com
```
    Server:           2406:3003:2077:26ba:3223:3ff:fe47:96ca
    Address:    2406:3003:2077:26ba:3223:3ff:fe47:96ca#53

    Non-authoritative answer:
    Name: skillsunion.com
    Address: 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=49 time=7.469 ms
    64 bytes from 165.22.244.85: icmp_seq=1 ttl=49 time=3.485 ms
    64 bytes from 165.22.244.85: icmp_seq=2 ttl=49 time=3.799 ms
    64 bytes from 165.22.244.85: icmp_seq=3 ttl=49 time=3.719 ms
    64 bytes from 165.22.244.85: icmp_seq=4 ttl=49 time=3.783 ms
    64 bytes from 165.22.244.85: icmp_seq=5 ttl=49 time=3.559 ms
    64 bytes from 165.22.244.85: icmp_seq=6 ttl=49 time=3.672 ms
    64 bytes from 165.22.244.85: icmp_seq=7 ttl=49 time=3.672 ms
    ^C
    --- skillsunion.com ping statistics ---
    8 packets transmitted, 8 packets received, 0.0% packet loss
    round-trip min/avg/max/stddev = 3.485/4.145/7.469/1.260 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  ecdc (192.168.10.1)  4.481 ms  0.552 ms  0.405 ms
     2  183.90.61.1 (183.90.61.1)  4.804 ms  2.584 ms  2.400 ms
     3  183.90.44.61 (183.90.44.61)  5.376 ms
        183.90.44.117 (183.90.44.117)  4.251 ms
        183.90.44.61 (183.90.44.61)  3.137 ms
     4  183.90.44.45 (183.90.44.45)  4.980 ms
        183.90.44.41 (183.90.44.41)  10.958 ms
        183.90.44.45 (183.90.44.45)  7.781 ms
     5  203.118.6.197 (203.118.6.197)  5.093 ms  3.122 ms  3.850 ms
     6  203.118.4.136 (203.118.4.136)  4.293 ms  2.932 ms
        203.118.5.98 (203.118.5.98)  4.994 ms
     7  14061.sgw.equinix.com (27.111.229.164)  4.852 ms  3.609 ms
    3.275
    ms
     8  * * *
     9  * * *
    10  * * *
    11  *^C
```

Question 4: Look up the DNS of skillsunion.com without using nslookup.
> dig skillsunion.com +nocomments
```
    ; <<>> DiG 9.10.6 <<>> skillsunion.com +nocomments
```

```
;; global options: +cmd
;skillsunion.com.        IN    A
skillsunion.com. 720   IN    A     165.22.244.85
;; Query time: 39 msec
;; SERVER:
2406:3003:2077:26ba:3223:3ff:fe47:96ca#53(2406:3003:2077:26ba:3223
:3ff:fe47:96ca)
;; WHEN: Fri Jun 14 21:34:10 +08 2024
;; MSG SIZE  rcvd: 60
```
> **dig skillsunion.com ANY +nocomments**
```
;; global options: +cmd
;skillsunion.com.        IN    ANY
skillsunion.com. 688   IN    MX    10 alt3.aspmx.l.google.com.
skillsunion.com. 688   IN    MX    10 alt4.aspmx.l.google.com.
skillsunion.com. 688   IN    MX    5 alt1.aspmx.l.google.com.
skillsunion.com. 688   IN    MX    5 alt2.aspmx.l.google.com.
skillsunion.com. 688   IN    MX    1 aspmx.l.google.com.
;; Query time: 43 msec
;; SERVER:
2406:3003:2077:26ba:3223:3ff:fe47:96ca#53(2406:3003:2077:26ba:3223
:3ff:fe47:96ca)
;; WHEN: Fri Jun 14 21:32:13 +08 2024
;; MSG SIZE  rcvd: 159
```

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
8acbb0cd28f41250a80a491389424d341522d946b0da0c0291f2d3d771d
7805a

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: 2024-06-14T13:35:52Z <<<

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: 2024-06-14T12:27:25.76Z <<<