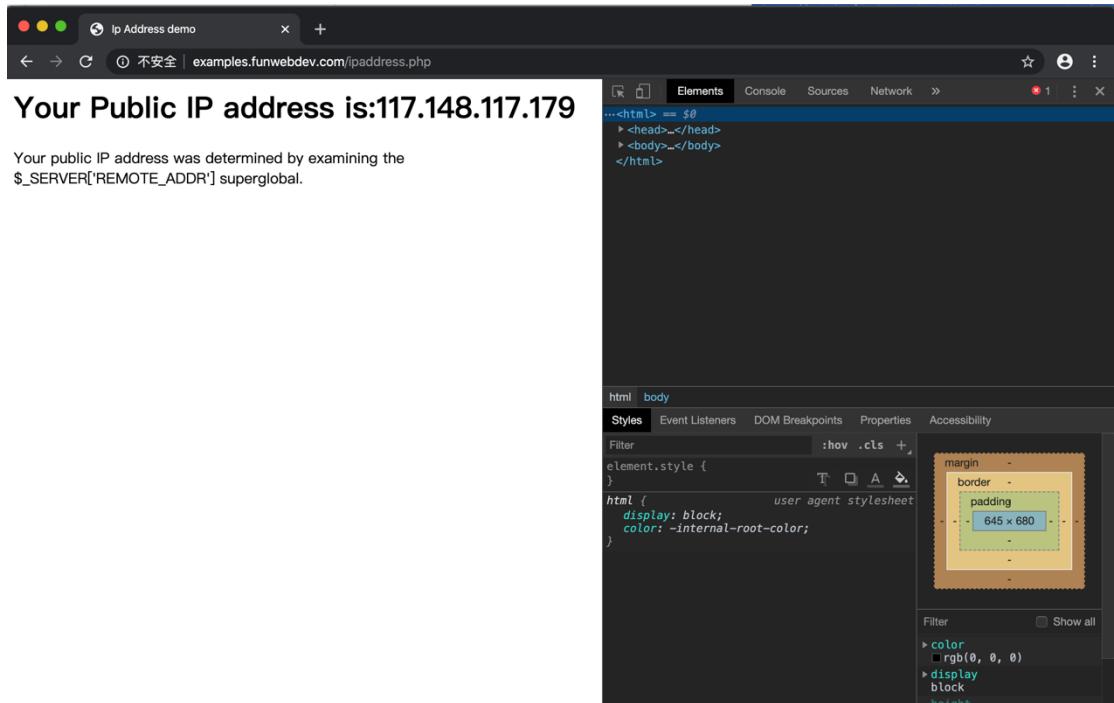


1

```
en5: flags=8863<UP,BROADCAST,SMART,RUNNING,SIMPLEX,MULTICAST> mtu 1500
      ether ac:de:48:00:11:22
      inet6 fe80::aede:48ff:fe00:1122%en5 prefixlen 64 scopeid 0x4
        nd6 options=201<PERFORMNUD,DAD>
        media: autoselect (100baseTX <full-duplex>)
        status: active
```

2



3

```
[hanshudeMacBook-Pro:~ hanshu$ nslookup -type=A baidu.com
Server:      192.168.110.1
Address:     192.168.110.1#53

Non-authoritative answer:
Name:   baidu.com
Address: 39.156.69.79
Name:   baidu.com
Address: 220.181.38.148
```

```
[hanshudeMacBook-Pro:~ hanshu$ nslookup -type=ns baidu.com
Server:      192.168.110.1
Address:     192.168.110.1#53

Non-authoritative answer:
Name:  baidu.com
Address: 39.156.69.79
Name:  baidu.com
Address: 220.181.38.148

Authoritative answers can be found from:
```

```
[hanshudeMacBook-Pro:~ hanshu$ nslookup 114.114.114.114
Server:      192.168.110.1
Address:     192.168.110.1#53

Non-authoritative answer:
Name:  114.114.114.114.in-addr.arpa
Address: 114.114.114.114

Authoritative answers can be found from:
```

```
[hanshudeMacBook-Pro:~ hanshu$ nslookup -type=mx baidu.com
Server:      192.168.110.1
Address:     192.168.110.1#53

Non-authoritative answer:
Name:  baidu.com
Address: 39.156.69.79
Name:  baidu.com
Address: 220.181.38.148

Authoritative answers can be found from:
```

```
[hanshudeMacBook-Pro:~ hanshu$ nslookup -type=ptr 114.114.114.114
Server:      192.168.110.1
Address:     192.168.110.1#53

Non-authoritative answer:
Name:  114.114.114.114.in-addr.arpa
Address: 114.114.114.114

Authoritative answers can be found from:
```

4

```
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_3) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3987.116 Safari/537.36
```

5

```
Domain Name: TENCENT.COM
Registry Domain ID: 3216596_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.markmonitor.com
Registrar URL: http://www.markmonitor.com
Updated Date: 2019-08-12T09:11:43Z
Creation Date: 1998-09-14T04:00:00Z
Registry Expiry Date: 2021-09-13T04:00:00Z
Registrar: MarkMonitor Inc.
Registrar IANA ID: 292
Registrar Abuse Contact Email: abusecomplaints@markmonitor.com
Registrar Abuse Contact Phone: +1.2083895740
Domain Status: clientDeleteProhibited https://icann.org/epp#clientDeleteProhibited
Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
Domain Status: clientUpdateProhibited https://icann.org/epp#clientUpdateProhibited
Domain Status: serverDeleteProhibited https://icann.org/epp#serverDeleteProhibited
Domain Status: serverTransferProhibited https://icann.org/epp#serverTransferProhibited
Domain Status: serverUpdateProhibited https://icann.org/epp#serverUpdateProhibited
Name Server: NS1.QQ.COM
Name Server: NS2.QQ.COM
Name Server: NS3.QQ.COM
Name Server: NS4.QQ.COM
DNSSEC: unsigned
URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/
>>> Last update of whois database: 2020-02-24T03:11:13Z <<<

# whois.markmonitor.com

Domain Name: tencent.com
Registry Domain ID: 3216596_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.markmonitor.com
Registrar URL: http://www.markmonitor.com
Updated Date: 2019-08-12T02:11:43-0700
Creation Date: 1998-09-13T21:00:00-0700
Registrar Registration Expiration Date: 2021-09-12T00:00:00-0700
Registrar: MarkMonitor, Inc.
Registrar IANA ID: 292
Registrar Abuse Contact Email: abusecomplaints@markmonitor.com
Registrar Abuse Contact Phone: +1.2083895770
Domain Status: clientUpdateProhibited (https://www.icann.org/epp#clientUpdateProhibited)
Domain Status: clientTransferProhibited (https://www.icann.org/epp#clientTransferProhibited)
Domain Status: clientDeleteProhibited (https://www.icann.org/epp#clientDeleteProhibited)
Domain Status: serverUpdateProhibited (https://www.icann.org/epp#serverUpdateProhibited)
Domain Status: serverTransferProhibited (https://www.icann.org/epp#serverTransferProhibited)
Domain Status: serverDeleteProhibited (https://www.icann.org/epp#serverDeleteProhibited)
Registrant Organization: Tencent Technology (shenzhen) Co.Ltd.
Registrant State/Province: Guang Dong
Registrant Country: CN
Registrant Email: Select Request Email Form at https://domains.markmonitor.com/whois/tencent.com
Admin Organization: Tencent Technology (shenzhen) Co.Ltd.
Admin State/Province: Guang Dong
Admin Country: CN
Admin Email: Select Request Email Form at https://domains.markmonitor.com/whois/tencent.com
Tech Organization: Tencent Technology (shenzhen) Co.Ltd.
Tech State/Province: Guang Dong
Tech Country: CN
Tech Email: Select Request Email Form at https://domains.markmonitor.com/whois/tencent.com
Name Server: ns4.qq.com
Name Server: ns2.qq.com
Name Server: ns3.qq.com
Name Server: ns1.qq.com
DNSSEC: unsigned
URL of the ICANN WHOIS Data Problem Reporting System: http://wdprs.internic.net/
>>> Last update of WHOIS database: 2020-02-23T19:12:14-0800 <<<
```

```
|hanshudeMacBook-Pro:~ hanshu$ whois.tencent.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 Virginia 20190
address:    United States

contact:    administrative
name:       Registry Customer Service
organisation: VeriSign Global Registry Services
address:    12061 Bluemont Way
address:    Reston Virginia 20190
address:    United States
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 Virginia 20190
address:    United States
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:eed3:0:0:0:0:30
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:   30909 8 2 E2D3C916F6DEEAC73294E8268FB5885044A833FC5459588F4A9184CFC41A5766

whois:      whois.verisign-grs.com

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

created:   1985-01-01
changed:   2017-10-05
source:    IANA
```

```
[hanshudeMacBook-Pro:~ hanshu$ traceroute microsoft.com
traceroute: Warning: microsoft.com has multiple addresses; using 40.113.200.201
traceroute to microsoft.com (40.113.200.201), 64 hops max, 52 byte packets
 1  192.168.110.1 (192.168.110.1)  2.689 ms  1.249 ms  1.226 ms
 2  221.131.193.83 (221.131.193.83)  2.894 ms  2.743 ms  2.712 ms
 3  112.17.192.65 (112.17.192.65)  3.634 ms
    221.131.196.153 (221.131.196.153)  3.602 ms
    117.149.136.173 (117.149.136.173)  3.604 ms
 4  112.15.225.201 (112.15.225.201)  5.019 ms
    117.148.181.85 (117.148.181.85)  5.184 ms
    112.15.225.193 (112.15.225.193)  9.039 ms
 5  * * *
 6  221.183.22.197 (221.183.22.197)  37.937 ms  57.956 ms
    221.176.18.21 (221.176.18.21)  32.471 ms
 7  221.176.24.102 (221.176.24.102)  36.273 ms
    221.176.22.114 (221.176.22.114)  58.843 ms  75.784 ms
 8  221.176.24.58 (221.176.24.58)  88.989 ms  113.586 ms  77.683 ms
 9  221.183.30.134 (221.183.30.134)  98.287 ms
    221.183.21.2 (221.183.21.2)  98.422 ms
    221.183.30.138 (221.183.30.138)  66.146 ms
10  223.118.2.214 (223.118.2.214)  61.758 ms  62.004 ms  68.207 ms
11  223.119.0.174 (223.119.0.174)  70.310 ms  59.597 ms  67.177 ms
12  104.44.237.197 (104.44.237.197)  62.922 ms  67.280 ms  66.729 ms
13  104.44.11.141 (104.44.11.141)  259.829 ms *  320.105 ms
```