1、你的 IP 地址


```
无线局域网适配器 WLAN:

   连接特定的 DNS 后缀 . . . . . . . . :
   本地链接 IPv6 地址. . . . . . . . : fe80::7c51:2ac4:bc41:b063%16
   IPv4 地址 . . . . . . . . . . . . : 192.168.1.79
   子网掩码 . . . . . . . . . . . . : 255.255.255.0
   默认网关. . . . . . . . . . . . . : 192.168.1.1
```

2、分析一个网页的组成部分

3、域名服务器


```
PS C:\Users\22435> nslookup baidu.com
服务器:  ZY-366
Address:  192.168.1.6

非权威应答:
名称:    baidu.com
Addresses:  39.156.69.79
          220.181.38.148
```



```
PS C:\Users\22435> nslookup -qt=ns baidu.com
服务器:  ZY-366
Address:  192.168.1.6

非权威应答:
baidu.com        nameserver = ns4.baidu.com
baidu.com        nameserver = ns2.baidu.com
baidu.com        nameserver = dns.baidu.com
baidu.com        nameserver = ns3.baidu.com
baidu.com        nameserver = ns7.baidu.com
```



```
PS C:\Users\22435> nslookup baidu.com ns2.baidu.com
服务器:  UnKnown
Address:  220.181.33.31

名称:    baidu.com
Addresses:  220.181.38.148
          39.156.69.79
```

```
PS C:\Users\22435> nslookup 114.114.114.114
服务器:  ZY-366
Address:  192.168.1.6

名称:    public1.114dns.com
Address:  114.114.114.114
```

4、观察 HTTP 标头

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) A

ppleWebKit/537.36 (KHTML, like Gecko) Chrome/76.

0.3809.132 Safari/537.36

5、追踪数据包

```
PS C:\Users\22435> tracert microsoft.com

通过最多 30 个跃点跟踪
到 microsoft.com [40.113.200.201] 的路由:

  1     1 ms     1 ms     1 ms  192.168.1.1
  2     2 ms     2 ms     2 ms  112.4.121.36
  3     4 ms     4 ms     4 ms  234.130.195.120.static.js.chinamobile.com [120.195.130.234]
  4     6 ms     6 ms     5 ms  253.17.207.183.static.js.chinamobile.com [183.207.17.253]
  5     5 ms     5 ms     5 ms  221.183.14.37
  6    38 ms    45 ms    36 ms  221.176.20.86
  7    79 ms   132 ms   110 ms  221.176.22.234
  8    65 ms    64 ms    65 ms  221.176.24.58
  9    73 ms    71 ms    74 ms  221.183.30.146
 10    67 ms    72 ms    71 ms  223.118.3.142
 11    66 ms    64 ms    71 ms  223.119.0.174
 12    70 ms      *      73 ms  ae26-0.icr01.hkg31.ntwk.msn.net [104.44.237.197]
 13   235 ms      *     239 ms  be-100-0.ibr01.hkg31.ntwk.msn.net [104.44.11.125]
 14   246 ms      *     246 ms  be-11-0.ibr01.tyo79.ntwk.msn.net [104.44.17.134]
 15   238 ms   247 ms   244 ms  be-7-0.ibr01.pdx30.ntwk.msn.net [104.44.18.167]
 16   239 ms   241 ms      *    be-4-0.ibr03.mwh01.ntwk.msn.net [104.44.16.66]
 17   287 ms   326 ms   269 ms  be-2-0.ibr02.mwh01.ntwk.msn.net [104.44.16.81]
 18   277 ms      *     240 ms  be-7-0.ibr02.cys04.ntwk.msn.net [104.44.18.224]
 19   254 ms   249 ms   252 ms  be-8-0.ibr02.dsm05.ntwk.msn.net [104.44.18.151]
 20   251 ms   243 ms   243 ms  ae162-0.icr02.dsm05.ntwk.msn.net [104.44.22.188]
 21     *        *        *     请求超时。
 22     *        *        *     请求超时。
 23     *        *        *     请求超时。
 24     *        *        *     请求超时。
 25     *        *        *     请求超时。
 26     *        *        *     请求超时。
 27     *        *        *     请求超时。
 28     *        *        *     请求超时。
 29     *        *        *     请求超时。
 30     *        *        *     请求超时。

跟踪完成。
PS C:\Users\22435>
```

tencent.com

Domain Information

Domain:	tencent.com
Registrar:	MarkMonitor Inc.
Registered On:	1998-09-14
Expires On:	2021-09-12
Updated On:	2019-08-12
Status:	clientDeleteProhibited clientTransferProhibited clientUpdateProhibited serverDeleteProhibited serverTransferProhibited serverUpdateProhibited
Name Servers:	ns1.qq.com ns2.qq.com ns3.qq.com ns4.qq.com

Registrant Contact

Organization:	Tencent Technology (shenzhen) Co.Ltd.
State:	Guang Dong
Country:	CN
Email:	Select Request Email Form at https://domains.markmonitor.com/whois/tencent.com

Administrative Contact

Organization:	Tencent Technology (shenzhen) Co.Ltd.
State:	Guang Dong
Country:	CN
Email:	Select Request Email Form at https://domains.markmonitor.com/whois/tencent.com

Technical Contact

Organization:	Tencent Technology (shenzhen) Co.Ltd.
State:	Guang Dong
Country:	CN
Email:	Select Request Email Form at https://domains.markmonitor.com/whois/tencent.com

Raw Whois Data

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#clientTransferProhibit
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#serverTransferProhibi1
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/tenc
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.c
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.cc
Name Server: ns4.qq.com
Name Server: ns1.qq.com
Name Server: ns3.qq.com
Name Server: ns2.qq.com
DNSSEC: unsigned
URL of the ICANN WHOIS Data Problem Reporting System: http://wdprs.internic.net/
>>> Last update of WHOIS database: 2020-02-19T02:25:08-0800 <<<

For more information on WHOIS status codes, please visit:
  https://www.icann.org/resources/pages/epp-status-codes

If you wish to contact this domain's Registrant, Administrative, or Technical
contact, and such email address is not visible above, you may do so via our web
form, pursuant to ICANN's Temporary Specification. To verify that you are not a
robot, please enter your email address to receive a link to a page that
facilitates email communication with the relevant contact(s).

form, pursuant to ICANN's Temporary Specification. To verify that you are not a robot, please enter your email address to receive a link to a page that facilitates email communication with the relevant contact(s).

Web-based WHOIS:
  https://domains.markmonitor.com/whois

If you have a legitimate interest in viewing the non-public WHOIS details, send your request and the reasons for your request to whoisrequest@markmonitor.com and specify the domain name in the subject line. We will review that request and may ask for supporting documentation and explanation.

The data in MarkMonitor's WHOIS database is provided for information purposes, and to assist persons in obtaining information about or related to a domain name's registration record. While MarkMonitor believes the data to be accurate, the data is provided "as is" with no guarantee or warranties regarding its accuracy.

By submitting a WHOIS query, you agree that you will use this data only for lawful purposes and that, under no circumstances will you use this data to:
  (1) allow, enable, or otherwise support the transmission by email, telephone, or facsimile of mass, unsolicited, commercial advertising, or spam; or
  (2) enable high volume, automated, or electronic processes that send queries, data, or email to MarkMonitor (or its systems) or the domain name contacts (or its systems).

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