

Lab0

1. 我的 ip 地址

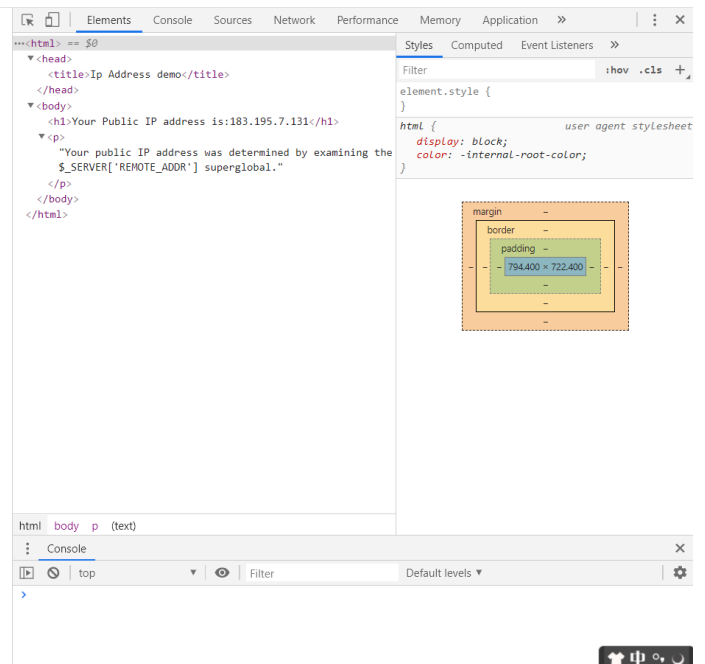
```
无线局域网适配器 WLAN:

    连接特定的 DNS 后缀 . . . . . : 
    本地链接 IPv6 地址. . . . . : fe80::116f:1aa:3e23:bad3%19
    IPv4 地址 . . . . . : 192.168.31.226
    子网掩码 . . . . . : 255.255.255.0
    默认网关. . . . . : 192.168.31.1
```

2. 分析一个网页的组成部分

Your Public IP address is:183.195.7.131

Your public IP address was determined by examining the \$_SERVER['REMOTE_ADDR'] superglobal.



3. 域名服务器

```
PS C:\Users\孟彤> nslookup -qt=A baidu.com
服务器:  XiaoQiang
Address:  192.168.31.1

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

baidu.com A 地址

```

PS C:\Users\孟彤> nslookup -qt=ns baidu.com
服务器: XiaoQiang
Address: 192.168.31.1

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

```

baidu.com 域名服务器

```

PS C:\Users\孟彤> nslookup baidu.com ns7.baidu.com
服务器: UnKnown
Address: 180.76.76.92

名称:    baidu.com
Addresses: 220.181.38.148
          39.156.69.79

```

使用授权服务器查询 baidu.com 的 IP 地址

```

PS C:\Users\孟彤> nslookup 114.114.114.114
服务器: XiaoQiang
Address: 192.168.31.1

名称:    public1.114dns.com
Address: 114.114.114.114

```

114.114.114.114 匹配的主机名

4. 观察 HTTP 标头

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3987.122 Safari/537.36

5. 追踪数据包

```

PS C:\Users\孟彤> tracert microsoft.com

通过最多 30 个跃点跟踪
到 microsoft.com [104.215.148.63] 的路由:

 1      3 ms      4 ms      <1 毫秒 XiaoQiang [192.168.31.1]
 2      1 ms      1 ms      4 ms    SMBSHARE [192.168.1.1]
 3      5 ms      6 ms      5 ms    100.110.0.1
 4      8 ms      6 ms      4 ms    . [117.135.50.221]
 5      6 ms     13 ms      6 ms    221.183.62.221
 6     33 ms     32 ms     32 ms    221.183.10.14
 7     36 ms     34 ms     38 ms    221.176.22.234
 8     65 ms      *      65 ms    221.176.24.58
 9     53 ms     97 ms      *      221.183.21.2
10     58 ms     55 ms     57 ms    223.118.2.214
11     94 ms     91 ms     98 ms    223.119.0.174
12    104 ms    105 ms    100 ms    ae24-0.icr01.hkg20.ntwk.msn.net [104.44.237.201]
13      *     137 ms      *      be-120-0.ibr02.hkg20.ntwk.msn.net [104.44.11.151]
14      *      *      *      请求超时。
15    144 ms    134 ms      *      ae120-0.icr01.sg3.ntwk.msn.net [104.44.20.22]

```



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#clientUpdat>)
Domain Status: clientTransferProhibited (<https://www.icann.org/epp#clientTra>)
Domain Status: clientDeleteProhibited (<https://www.icann.org/epp#clientDelet>)
Domain Status: serverUpdateProhibited (<https://www.icann.org/epp#serverUpdat>)
Domain Status: serverTransferProhibited (<https://www.icann.org/epp#serverTra>)
Domain Status: serverDeleteProhibited (<https://www.icann.org/epp#serverDelet>)
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.c>
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/wh>
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/who>
Name Server: ns2.qq.com
Name Server: ns1.qq.com
Name Server: ns3.qq.com
Name Server: ns4.qq.com
DNSSEC: unsigned
URL of the ICANN WHOIS Data Problem Reporting System: <http://wdprs.internic>.
>>> Last update of WHOIS database: 2020-02-29T17:55:25-0800 <<<

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 Technica contact, and such email address is not visible above, you may do so via our form, pursuant to ICANN's Temporary Specification. To verify that you are no 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, s 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 may ask for supporting documentation and explanation.

The data in MarkMonitor's WHOIS database is provided for information purpose 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).

MarkMonitor.com reserves the right to modify these terms at any time.

By submitting this query, you agree to abide by this policy.

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MarkMonitor Brand Protection(TM)
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MarkMonitor AntiPiracy(TM)
MarkMonitor AntiFraud(TM)
Professional and Managed Services

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Contact us at +1.8007459229
In Europe, at +44.02032062220
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related domain names

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