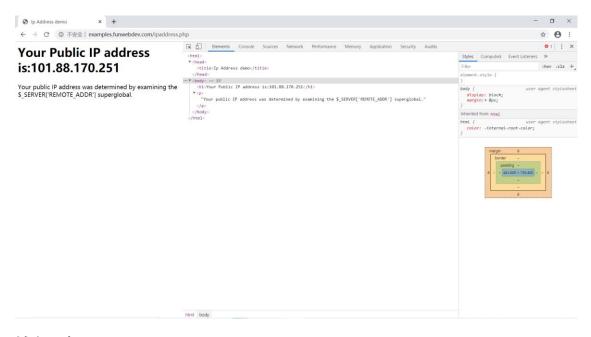
IP 地址 (IP address)

分析一个网页的组成部分



域名服务器 (Name server)

```
PS C:\Users\simon> nslookup -qt=A baidu.com
服务器: router.asus.com
Addresse: 192.168.50.1

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

PS C:\Users\simon> nslookup -qt=ns baidu.com
服务器: router.asus.com
Address: 192.168.50.1

非权威应答:
baidu.com nameserver = ns2. baidu.com
baidu.com nameserver = ns3. baidu.com
baidu.com nameserver = ns3. baidu.com
baidu.com nameserver = ns4. baidu.com
baidu.com nameserver = ns4. baidu.com
baidu.com nameserver = dns. baidu.com
baidu.com nameserver = 20.181.33.31

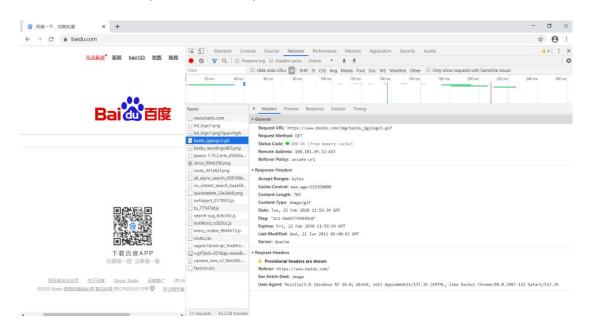
名称: baidu.com
Address: 220.181.33.31

名称: baidu.com
Addresse: 39.156.69.79
220.181.38.148

PS C:\Users\simon> nslookup 114.114.114.114
服务器: router.asus.com
Address: 192.168.50.1

名称: public1.114dns.com
Address: 192.168.50.1
```

观察 HTTP 标头 (HTTP headers)



追踪数据包 (Tracing a packet)

∠ Windows PowerShell

```
PS C:\Users\simon> tracert microsoft.com
 通过最多 30 个跃点跟踪
到 microsoft.com [104.215.148.63] 的路由:
                                                                                                                                                 (1 毫秒 router. asus. com [192.168.50.1]

1 ms 192.168.1.1

3 ms 100.65.0.1

3 ms 61.152.48.137

15 ms 61.152.24.10

3 ms 202.97.57.153

12 ms 202.97.6.50

* 183.91.34.126

41 ms ae24-0.icr01.hkg20.ntwk.msn.net [104.44.11.151]

66 ms be-120-0.ibr02.hkg20.ntwk.msn.net [104.44.11.151]

74 ms be-6-0.ibr02.sg3.ntwk.msn.net [104.44.12.38]

79 ms ae122-0.icr02.sg3.ntwk.msn.net [104.44.20.18]

* 请求超时。

* 请求超时。
                                                                                                 <1 毫秒
                                                1 ms
                                                                                                    1 ms
5 ms
3 ms
                                               8 ms
     2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 22 1 22 23 24 25 26 27 28 30
                                               6 ms
                                         12 ms
29 ms
                                                                                                15 ms
                                                                                               4 ms
11 ms
43 ms
34 ms
32 ms
                                               7 ms
                                         13 ms
45 ms
36 ms
                                        34 ms
72 ms
78 ms
77 ms
                                                                                                 62 ms
                                                                                                63 ms
89 ms
 跟踪完成。
```

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	

Rechnical 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:\ client Transfer Prohibited\ (https://www.icann.org/epp\#client Transfer Prohibited). The probability of the p
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#serverTransferProhibit
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: nsl.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).
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 who is request @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).
MarkMonitor.com reserves the right to modify these terms at any time.
By submitting this query, you agree to abide by this policy.
MarkMonitor is the Global Leader in Online Brand Protection.
MarkMonitor Domain Management (TM)
MarkMonitor Brand Protection(TM)
MarkMonitor AntiCounterfeiting(TM)
MarkMonitor AntiPiracy(TM)
MarkMonitor AntiFraud(TM)
Professional and Managed Services
Visit MarkMonitor at https://www.markmonitor.com
Contact us at +1.8007459229
In Europe, at +44.02032062220
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```