

问题一——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::f10d:7780:4402:79f%5
    IPv4 地址 . . . . . : 192.168.1.6
    子网掩码 . . . . . : 255.255.255.0
    默认网关. . . . . : 192.168.1.1
```

问题二——分析一个网页的组成部分

The screenshot shows a web browser window with the address bar displaying `examples.funwebdev.com/ipaddress.php`. The page content displays **Your Public IP address is:114.84.245.71** and a message stating: "Your public IP address was determined by examining the `$_SERVER['REMOTE_ADDR']` superglobal."

The browser's developer tools are open, showing the HTML structure. The `<body>` contains a `<h1>` element with the text "Your Public IP address is:114.84.245.71" and a `<p>` element with the explanatory message. The CSS styles panel shows the default user-agent styles for the `h1` element, including `display: block;` and `color: -internal-root-color;`. The box model diagram on the right shows the element's dimensions as 861.600 x 754.400.

问题三——域名服务器

```
PS C:\Users\Qiu> nslookup baidu.com
服务器:  UnKnown
Address:  192.168.1.1

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

PS C:\Users\Qiu> nslookup -qt=A baidu.com
服务器:  UnKnown
Address:  192.168.1.1

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

```
PS C:\Users\Qiu> nslookup -qt=ns baidu.com
服务器:  UnKnown
Address:  192.168.1.1
```

非权威应答:

```
baidu.com      nameserver = ns4.baidu.com
baidu.com      nameserver = ns7.baidu.com
baidu.com      nameserver = ns3.baidu.com
baidu.com      nameserver = dns.baidu.com
baidu.com      nameserver = ns2.baidu.com
```

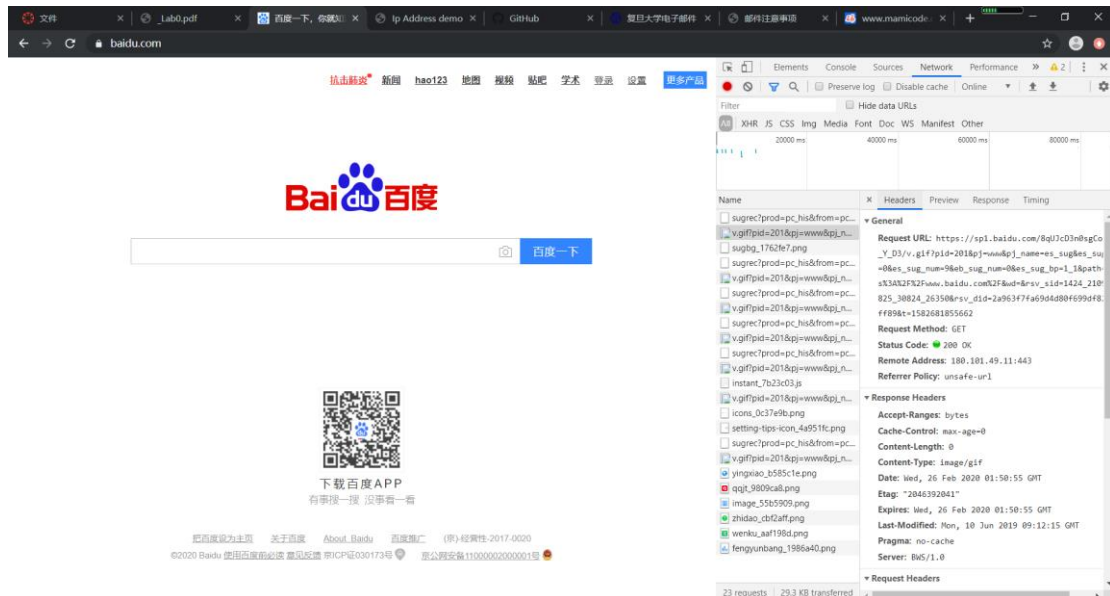
```
PS C:\Users\Qiu> nslookup baidu.com ns2.baidu.com
服务器:  UnKnown
Address:  220.181.33.31
```

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

```
PS C:\Users\Qiu> nslookup 114.114.114.114
服务器:  UnKnown
Address:  192.168.1.1
```

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

问题 4——观察 HTTP 标头



The screenshot shows a web browser window with the Baidu homepage. The developer tools network tab is open, displaying a list of requests. The selected request is a GET request to a Baidu API endpoint. The details panel shows the request URL, method, status code, and various headers.

Name	Headers	Preview	Response	Timing
sugrec?prod=pc&his&from=pc...				
v.gif?pid=2018&ipj=www&ipj_n...				
sugbg_176267.png				
sugrec?prod=pc&his&from=pc...				
v.gif?pid=2018&ipj=www&ipj_n...				
sugrec?prod=pc&his&from=pc...				
v.gif?pid=2018&ipj=www&ipj_n...				
sugrec?prod=pc&his&from=pc...				
v.gif?pid=2018&ipj=www&ipj_n...				
sugrec?prod=pc&his&from=pc...				
v.gif?pid=2018&ipj=www&ipj_n...				
instant_7b23c03.js				
v.gif?pid=2018&ipj=www&ipj_n...				
icon_0c37e9b.png				
setting-tes-vcon-4951fe.png				
sugrec?prod=pc&his&from=pc...				
v.gif?pid=2018&ipj=www&ipj_n...				
yingxiao_b585c1e.png				
qqqt_9809ca8.png				
image_55b5909.png				
zhidao_cbt2aff.png				
wenku_aaf198d.png				
fengyunbang_1986a40.png				

General

Request URL: https://sp1.baidu.com/8qj1c03m8gCo_Y_03/v.gif?pid=2018&ipj=www&ipj_name=es_sugfes_sug...&his_sug_num=980b_sug_num=980b_sug_no=1_1&path=5354237275aw.baidu.com&f&id=8-sv_s16=1424_210825_30824_363508&rv_d1d=2a963f7f6904a006999af8f7898&=1582681855662

Request Method: GET

Status Code: 200 OK

Remote Address: 180.181.49.11:443

Referrer Policy: unsafe-url

Response Headers

Accept-Ranges: bytes

Cache-Control: max-age=0

Content-Length: 0

Content-Type: image/gif

Date: Wed, 26 Feb 2020 01:58:55 GMT

Etag: "2846392841"

Expires: Wed, 26 Feb 2020 01:58:55 GMT

Last-Modified: Mon, 10 Jun 2019 09:12:15 GMT

Pragma: no-cache

Server: BWS/1.0

Request Headers

问题 5——追踪数据包

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

通过最多 30 个跃点跟踪
到 microsoft.com [13.77.161.179] 的路由:

1	2 ms	1 ms	2 ms	192.168.1.1
2	45 ms	8 ms	9 ms	114.84.244.1
3	16 ms	7 ms	10 ms	61.152.5.41
4	7 ms	6 ms	5 ms	61.152.86.42
5	5 ms	6 ms	6 ms	202.97.57.229
6	6 ms	7 ms	5 ms	202.97.33.154
7	53 ms	53 ms	47 ms	202.97.6.6
8	52 ms	47 ms	48 ms	203.215.232.174
9	39 ms	37 ms	*	ae24-0. icr02. hkg31. ntwk. msn. net [104.44.237.198]
10	237 ms	201 ms	*	be-122-0. ibr02. hkg31. ntwk. msn. net [104.44.11.137]
11	205 ms	201 ms	198 ms	be-10-0. ibr02. tyo79. ntwk. msn. net [104.44.17.192]
12	179 ms	234 ms	175 ms	be-5-0. ibr02. pdx30. ntwk. msn. net [104.44.19.85]
13	387 ms	187 ms	175 ms	be-4-0. ibr04. mwh01. ntwk. msn. net [104.44.16.68]
14	176 ms	176 ms	*	ae161-0. icr01. mwh01. ntwk. msn. net [104.44.21.164]
15	*	*	*	请求超时。
16	*	*	*	请求超时。
17	*	*	*	请求超时。
18	*	*	*	请求超时。
19	*	*	*	请求超时。
20	*	*	*	请求超时。
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。

域名 **tencent.com** 的注册信息 ?

以下信息获取时间: 2020-02-26 08:40:02

[获取最新信息](#)

"tencent"还有**商标**可以注册, 为防止被他人占用, 建议立即注册进行保护! [>>注册商标](#)

所有者联系邮箱

Registrant E-mail

请联系当前域名注册商获取

[委托阿里云购买](#)

注册商

Sponsoring Registrar

MarkMonitor, Inc.

注册日期

Registration Date(UTC)

1998年09月14日

到期日期

Expiration Date(UTC)

2021年09月12日

2021年09月12日前, 域名可正常使用。请在2021年09月12日前及时续费延期。

域名状态
Domain Status

注册商设置禁止更新 (clientUpdateProhibited) ?
(<https://www.icann.org/epp#clientUpdateProhibited>)

注册商设置禁止转移 (clientTransferProhibited) ?
(<https://www.icann.org/epp#clientTransferProhibited>)

注册商设置禁止删除 (clientDeleteProhibited) ?
(<https://www.icann.org/epp#clientDeleteProhibited>)

注册局设置禁止更新 (serverUpdateProhibited) ?
(<https://www.icann.org/epp#serverUpdateProhibited>)

注册局设置禁止转移 (serverTransferProhibited) ?
(<https://www.icann.org/epp#serverTransferProhibited>)

注册局设置禁止删除 (serverDeleteProhibited) ?
(<https://www.icann.org/epp#serverDeleteProhibited>)

DNS服务器
Name Server

DNS1: ns2.qq.com

DNS2: ns1.qq.com

DNS3: ns3.qq.com

DNS4: ns4.qq.com

详细英文注册信息如下

专用词汇英/中文对照

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
Reseller:
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 State/Province: Guang Dong
Registrant Country: CN
Name Server: ns2.qq.com
Name Server: ns1.qq.com
Name Server: ns3.qq.com
Name Server: ns4.qq.com
DNSSEC: unsigned
Registrar Abuse Contact Email: abusecomplaints@markmonitor.com
Registrar Abuse Contact Phone: +1.2083895770
URL of the ICANN WHOIS Data Problem Reporting System: <http://wdprs.internic.net/>
>>>Last update of WHOIS database: 2020-02-26T02:03:22Z <<<

For more information on Whois status codes, please visit <https://icann.org/epp>