

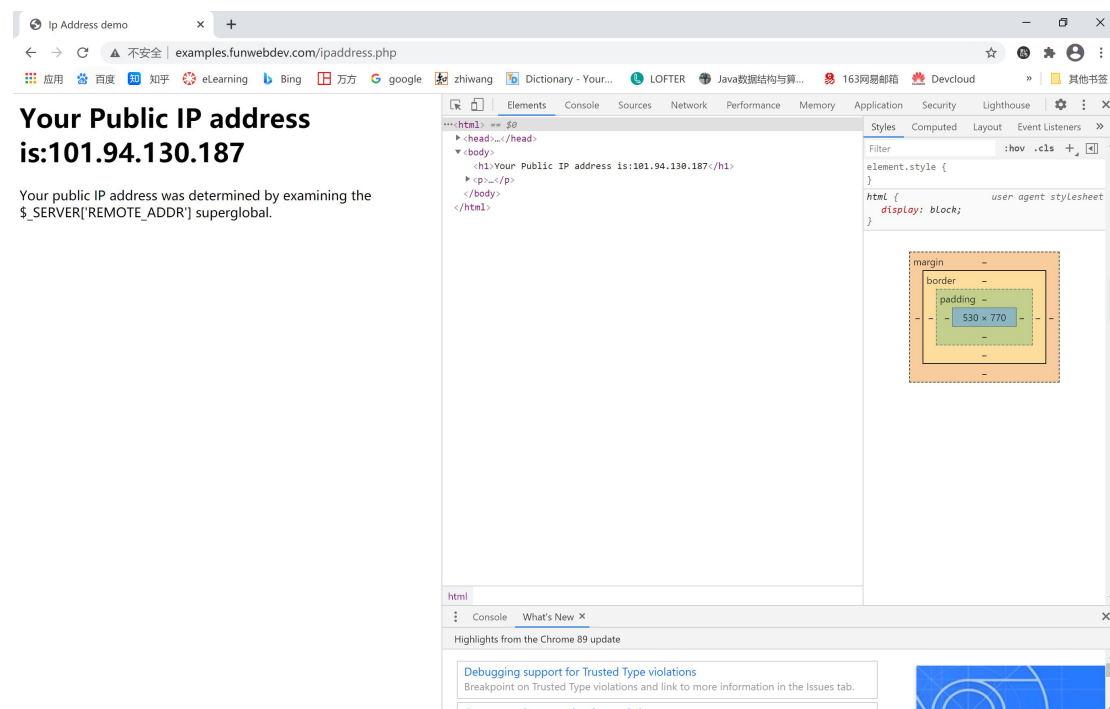
Lab0

1.IP 地址

无线局域网适配器 WLAN:

```
连接特定的 DNS 后缀 . . . . . : DHCP HOST
本地链接 IPv6 地址. . . . . : fe80::e405:1578:8758:c8c4%2
IPv4 地址 . . . . . : 192.168.1.103
子网掩码 . . . . . : 255.255.255.0
默认网关. . . . . : 192.168.1.1
```

2.浏览器（chrome）



3. 域名服务器

（1）A 地址

```
服务器: ns-cx1.online.sh.cn
Address: 116.228.111.18
```

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

（2）域名服务器

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

（3）使用授权服务器查询 baidu.com 的 IP 地址的截图

名称: baidu.com
Addresses: 39.156.69.79
220.181.38.148

(4) 查询 114.114.114.114 匹配的主机名

名称: public1.114dns.com
Address: 114.114.114.114

4. 标头

The screenshot shows the Chrome DevTools Network tab. A list of requests is on the left, with 'www.baidu.com' selected. The 'Headers' panel is open, showing the following details:

- Request Method:** GET
- Status Code:** 200 (from memory cache)
- Remote Address:** 180.163.198.33:443
- Referrer Policy:** unsafe-url
- Response Headers:**
 - accept-ranges: bytes
 - age: 961269
 - cache-control: max-age=2592000
 - content-length: 4735
 - content-type: image/png
 - date: Fri, 05 Mar 2021 02:54:19 GMT
 - etag: "5e7c3f77-127f"
 - expires: Tue, 23 Mar 2021 23:53:10 GMT
 - last-modified: Thu, 26 Mar 2020 05:36:55 GMT
 - ohc-cache-hit: shct50 [4], nb2ctcache50 [4]
 - ohc-response-time: 1 0 0 0 0
 - server: JSP3/2.0.14
- Request Headers:**
 - Referer: https://www.baidu.com/
 - sec-ch-ua: "Google Chrome";v="89", "Chromium";v="89", ";Not A Brand";v="99"
 - sec-ch-ua-mobile: ?0
 - User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/89.0.4389.72 Safari/537.36

User-agent 信息截图:

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/89.0.4389.72 Safari/537.36

5. 追踪数据包 (Tracing a packet)

(1) microsoft.com

1	11 ms	1 ms	4 ms	192.168.1.1
2	14 ms	16 ms	14 ms	101.95.39.10
3	5 ms	3 ms	7 ms	101.95.123.5
4	13 ms	10 ms	5 ms	124.74.209.129
5	16 ms	5 ms	7 ms	101.95.88.14
6	*	6 ms	4 ms	202.97.57.145
7	*	*	*	请求超时。
8	41 ms	39 ms	36 ms	202.97.6.6
9	38 ms	31 ms	33 ms	203.215.232.210
10	35 ms	34 ms	43 ms	ae24-0.icr02.hkg31.ntwk.msn.net [104.44.237.198]
11	189 ms	189 ms	194 ms	be-122-0.ibr02.hkg31.ntwk.msn.net [104.44.11.137]
12	199 ms	205 ms	199 ms	104.44.29.60
13	196 ms	197 ms	216 ms	be-5-0.ibr02.pdx30.ntwk.msn.net [104.44.19.85]
14	202 ms	198 ms	187 ms	be-4-0.ibr04.mwh01.ntwk.msn.net [104.44.16.68]
15	212 ms	197 ms	198 ms	be-5-0.ibr04.cys04.ntwk.msn.net [104.44.29.19]
16	227 ms	*	225 ms	be-8-0.ibr04.dsm05.ntwk.msn.net [104.44.28.254]
17	199 ms	199 ms	196 ms	ae162-0.icr04.dsm05.ntwk.msn.net [104.44.22.208]

(2) tencent.com

Domain:	tencent.com
Registrar:	MarkMonitor Inc.
Registered On:	1998-09-14
Expires On:	2030-09-12
Updated On:	2021-03-03
Status:	clientDeleteProhibited clientTransferProhibited clientUpdateProhibited serverDeleteProhibited serverTransferProhibited serverUpdateProhibited
Name Servers:	ns1.qq.com ns2.qq.com ns3.qq.com ns4.qq.com