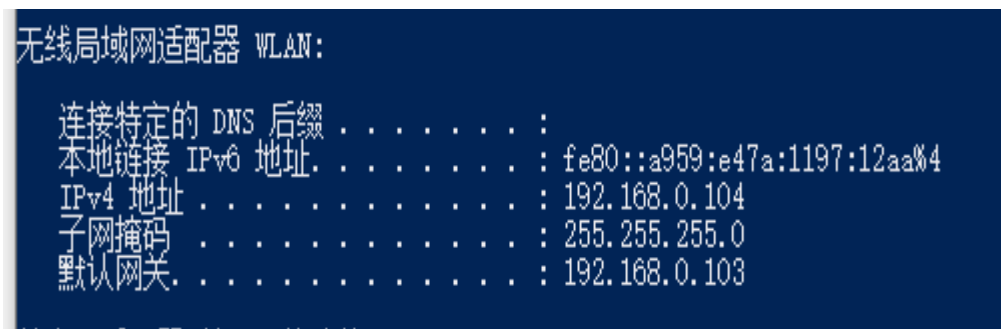
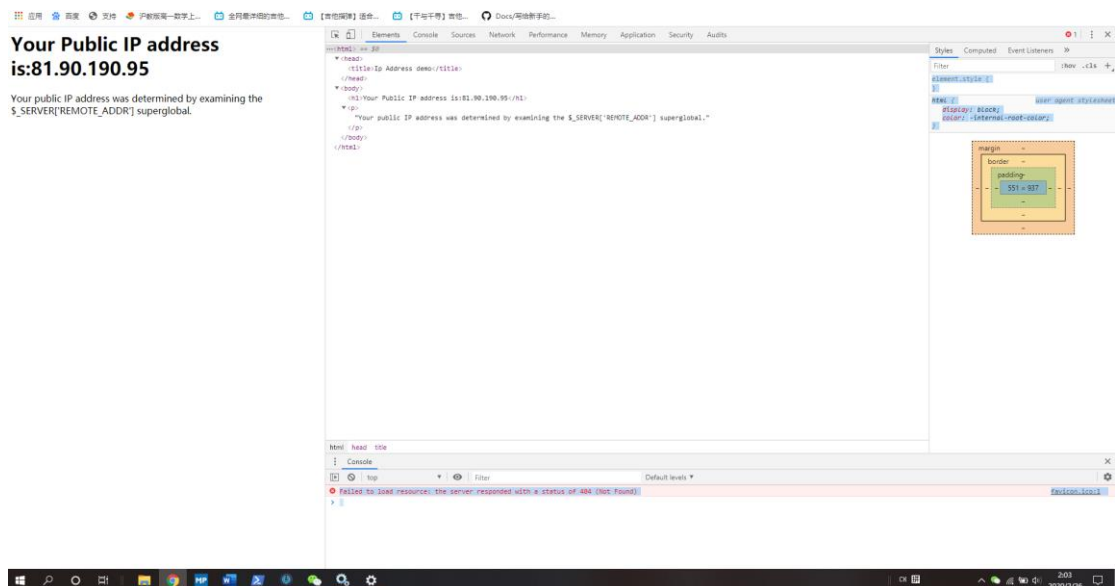


## 1. IP 地址



## 2. 分析网页成分



### 3. 域名服务器

#### 3.1 -3.3

```
PS D:\学习\git> nslookup baidu.com
DNS request timed out.
    timeout was 2 seconds.
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 D:\学习\git\fdp-19ss-web-lab> nslookup bilibili.com
DNS request timed out.
    timeout was 2 seconds.
服务器: UnKnown
Address: 192.168.1.1

非权威应答:
名称:     bilibili.com
Addresses: 120.92.174.135
           119.3.238.64
           110.43.34.66
           139.159.241.37
           119.3.70.188
           120.92.78.97

PS D:\学习\git\fdp-19ss-web-lab>
```



备注: 我试了好久好久, 试过各种网站, 显示出来的服务器都是 UnKnown, 像图示这样, 以至于我接下来的三个问题都没法做, 显示不出 lab0 上要求的效果。询问过龙学长和林学长, 在此备注一下。

#### 3.4 查询 114.114.114.114 匹配的主机名

```
PS D:\学习\git> nslookup 114.114.114.114
服务器: public1.114dns.com
Address: 114.114.114.114

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

## 4. 观察 HTTP 标头

  
  
下载百度APP  
手机一搜 没事看一看

新闻 hao123 地图 视频

Elements Console Sources Network Performance Memory Application Security Audits

Filter Hide data URLs XHR JS CSS Img Media Font Doc WS Manifest Other

50 ms 100 ms 150 ms 200 ms 250 ms 300 ms 350 ms 400 ms 450 ms 500 ms

Name	Method	Status	Protocol	Scheme	Domain	Remote Address	Type	Initiator	Cookies	Set Co...	Size	Time	Priority	Connec...	Cache...	Waterfall
www.baidu.com	GET	200	http/1.1	https	www.ba...	180.101.49.114...	docum...	all_async_sear...	16	4	414 KB	148 ms	Highest	19365	private	
bd_logo1.png	GET	200	http/1.1	https	www.ba...	180.101.49.124...	png	(index)			(memo...	0 ms	Low	0	max-ag...	
bd_logo1.png?que=high	GET	200	http/1.1	https	www.ba...	180.101.49.124...	png	(index)			(memo...	0 ms	Low	0	max-ag...	
baidu/logo3.gif	GET	200	http/1.1	https	www.ba...	180.101.49.124...	gif	(index)			(memo...	0 ms	Low	0	max-ag...	
baidu_resultlogo@2.png	GET	200	http/1.1	https	www.ba...	180.101.49.124...	png	(index)			(memo...	0 ms	Low	0	max-ag...	
jquery-1.10.2.min_65682a2.js	GET	200	h2	https	dssl1.bd...	180.163.198.33...	script	(index)			(memo...	0 ms	Medium	0	max-ag...	
icons_441e82f.png	GET	200	h2	https	dssl1.bd...	180.163.198.33...	png	(index)			(memo...	0 ms	Low	0	max-ag...	
zbios_09b6296.png	GET	200	h2	https	dssl1.bd...	180.163.198.33...	png	(index)			(disk ca...	2 ms	High	0	max-ag...	
all_async_search_658106b.js	GET	200	h2	https	dssl1.bd...	180.163.198.33...	script	(index)/774			(memo...	0 ms	High	0	max-ag...	
nu_instant_search_baaa58d.js	GET	200	h2	https	ss1.bd...	180.163.198.32...	script	jquery-1.10.2-m...			(disk ca...	2 ms	Low	0	max-ag...	
quickdelete_33e3eb8.png	GET	200	h2	https	ss1.bd...	180.163.198.32...	png	jquery-1.10.2-m...			(memo...	0 ms	Low	0	max-ag...	
swfobject_0178953.js	GET	200	h2	https	ss1.bd...	180.163.198.32...	script	all_async_sear...			(disk ca...	2 ms	Low	0	max-ag...	
ku_77547ef.js	GET	200	h2	https	ss1.bd...	180.163.198.32...	script	all_async_sear...			(disk ca...	1 ms	Low	0	max-ag...	
search-sug_8cd643c.js	GET	200	h2	https	ss1.bd...	180.163.198.32...	script	all_async_sear...			(disk ca...	1 ms	Low	0	max-ag...	
hotWord_cd828cc.js	GET	200	h2	https	ss1.bd...	180.163.198.32...	script	all_async_sear...			(disk ca...	1 ms	Low	0	max-ag...	
every_cookie_4644b13.js	GET	200	h2	https	dssl1.bd...	180.163.198.33...	script	jquery-1.10.2-m...			(disk ca...	1 ms	Low	0	max-ag...	
souluce	GET	200	h2	https	ss1.bd...	180.163.198.32...	stylesh...	jquery-1.10.2-m...			(disk ca...	2 ms	Highest	0	max-ag...	
sugrec?prod=pc_his&from=pc...	GET	200	http/1.1	https	www.ba...	180.101.48.114...	xhr	jquery-1.10.2-m...	15		141 B	18 ms	High	19365		
vgf?gid=2018&gj=www&fm=...	GET	200	http/1.1	https	sp1.bai...	180.101.48.124...	gif	all_async_sear...	9		289 B	141 ms	Low	19430	max-ag...	
camera_new_5606ef.png	GET	200	h2	https	ss1.bd...	180.163.198.32...	png	jquery-1.10.2-m...			(memo...	0 ms	Low	0	max-ag...	

20 requests | 41.8 KB transferred | 694 KB resources | Finish: 442 ms | DOMContentLoaded: 255 ms | Load: 447 ms

Console

top Filter Default levels

期待谷歌浏览器

About Baidu 百度推广 (京) 招

5.

## 5.1 跟踪发往 microsoft.com 的数据包

```

Windows PowerShell
版权所有 (C) Microsoft Corporation。保留所有权利。

尝试新的跨平台 PowerShell https://aka.ms/powershell

PS D:\学习\git> tracert microsoft.com








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

  0  1 ms     1 ms     1 ms     192.168.0.103
  1  2 ms     4 ms     5 ms     192.168.1.1
  2  20 ms    51 ms    28 ms    100.45.0.1
  3  12 ms     5 ms     8 ms     61.152.9.21
  4  10 ms     9 ms    11 ms    61.152.24.2
  5  23 ms    22 ms    26 ms    202.97.50.142
  6  7 ms     9 ms    11 ms    202.97.90.29
  7  94 ms    90 ms    94 ms    202.97.25.228
  8  45 ms    46 ms    46 ms    185.91.34.156
  9  50 ms    52 ms    49 ms    ae24-0.1cr01.hkg20.ntwk.asn.net [104.44.237.201]
 10  74 ms    72 ms    76 ms    be-100-0.1br01.hkg20.ntwk.asn.net [104.44.11.158]
 11  70 ms    *        *        be-0-0.1br01.rdg01.ntwk.asn.net [104.44.16.226]
 12  77 ms    74 ms    75 ms    ae102-0.1cr02.sgs3.ntwk.asn.net [104.44.20.2]
 13  *        *        *
 14  *        *        *
 15  *        *        *
 16  *        *        *
 17  *        *        *
 18  *        *        *
 19  *        *        *
 20  *        *        *
 21  *        *        *
 22  *        *        *
 23  *        *        *
 24  *        *        *
 25  *        *        *
 26  *        *        *
 27  *        *        *
 28  *        *        *
 29  *        *        *
 30  *        *        *  请求超时。

跟踪完成。
PS D:\学习\git>

```

## 5.2 利用 whois 查询 tencent.com 的相关信息

域名 <b>tencent.com</b> 的注册信息 	
<div> <div>以下信息获取时间：2020-02-25 16:28:58</div> <div>获取最新信息</div> </div>	
<div> <div>“tencent”还有<b>商标</b>可以注册，为防止被他人占用，建议立即注册进行保护！&gt;&gt;注册商标</div> </div>	
所有者联系邮箱 Registrant E-mail	<div> <div>请联系当前域名注册商获取</div> <div>委托阿里云购买</div> </div>
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
	<div> <div>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。</div> </div>
域名状态 Domain Status	<div> <div>注册商设置禁止更新 (clientUpdateProhibited) </div> <div>(https://www.icann.org/epp#clientUpdateProhibited)</div> <div>注册商设置禁止转移 (clientTransferProhibited) </div> <div>(https://www.icann.org/epp#clientTransferProhibited)</div> <div>注册商设置禁止删除 (clientDeleteProhibited) </div> <div>(https://www.icann.org/epp#clientDeleteProhibited)</div> <div>注册局设置禁止更新 (serverUpdateProhibited) </div> <div>(https://www.icann.org/epp#serverUpdateProhibited)</div> <div>注册局设置禁止转移 (serverTransferProhibited) </div> <div>(https://www.icann.org/epp#serverTransferProhibited)</div> <div>注册局设置禁止删除 (serverDeleteProhibited) </div> <div>(https://www.icann.org/epp#serverDeleteProhibited)</div> </div>
DNS服务器 Name Server	<div> <div>DNS1: ns1.qq.com</div> <div>DNS2: ns4.qq.com</div> <div>DNS3: ns2.qq.com</div> <div>DNS4: ns3.qq.com</div> </div>

