# 计算机网络

# 实验报告

### (2022学年秋季学期)

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## 一、实验题目

- (1) 要求掌握网络抓包软件wireshark的内容包括
- 1、捕获网络流量进行详细分析
- 2、利用专家分析系统诊断问题。
- 3、实时监控网络活动
- 4、收集网络利用率和错误等信息
- (2)协议分析1:IP协议,内容包括IP头的结构、IP数据包的数据结构分析

# 二、实验步骤

### 分析IP协议

(1) 打开wireshark并开始控制台内进入ping baidu.com

将过滤器设置为icmp|| dns后得到结果如图

no.	iine	bource	pestination	LLOTOCOT	Length inio
	6 5.894833	172.19.62.105	10.8.8.8	DNS	69 Standard query 0xad64 A baidu.com
4	7 5.914136	10.8.8.8	172.19.62.105	DNS	101 Standard query response 0xad64 A baidu.com A 110.242.68.66 A 39.156.66.10
	8 5.914530	172.19.62.105	10.8.8.8	DNS	69 Standard query 0xcbaa AAAA baidu.com
	9 5.925094	10.8.8.8	172.19.62.105	DNS	112 Standard query response Øxcbaa AAAA baidu.com SOA dns.baidu.com
	10 5.930383	172.19.62.105	110.242.68.66	ICMP	74 Echo (ping) request id=0x0001, seq=636/31746, ttl=64 (reply in 11)
	11 5.985552	110.242.68.66	172.19.62.105	ICMP	74 Echo (ping) reply id=0x0001, seq=636/31746, ttl=47 (request in 10)
	13 6.939377	172.19.62.105	110.242.68.66	ICMP	74 Echo (ping) request id=0x0001, seq=637/32002, ttl=64 (reply in 14)
	14 6.994760	110.242.68.66	172.19.62.105	ICMP	74 Echo (ping) reply id=0x0001, seq=637/32002, ttl=47 (request in 13)
	15 7.953471	172.19.62.105	110.242.68.66	ICMP	74 Echo (ping) request id=0x0001, seq=638/32258, ttl=64 (reply in 16)
	16 8.011190	110.242.68.66	172.19.62.105	ICMP	74 Echo (ping) reply id=0x0001, seq=638/32258, ttl=47 (request in 15)
	17 8.967479	172.19.62.105	110.242.68.66	ICMP	74 Echo (ping) request id=0x0001, seq=639/32514, ttl=64 (reply in 18)
	18 9.022998	110.242.68.66	172.19.62.105	ICMP	74 Echo (ping) reply id=0x0001, seg=639/32514, ttl=47 (request in 17)

可以看到此时有四条DNS请求和回应,以及ICMP的request和reply操作,现在将ip协议展开,开始具体分析其中的字段

```
Internet Protocol Version 4, Src: 172.19.62.105, Dst: 110.242.68.66
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)

▼ Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

      0000 00.. = Differentiated Services Codepoint: Default (0)
       .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    Total Length: 60
    Identification: 0xe4d7 (58583)
  ∨ Flags: 0x00
      0... = Reserved bit: Not set
       .0.. .... = Don't fragment: Not set
       ..0. .... = More fragments: Not set
    ...0 0000 0000 0000 = Fragment Offset: 0
    Time to Live: 64
    Protocol: ICMP (1)
    Header Checksum: 0x0000 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 172.19.62.105
    Destination Address: 110.242.68.66
```

### 具体建表如下

字段	值	具体字段值
版本	ipv4	Internet Protocol Version 4
首部长度	20 bytes	Header Length
区分服务	0x00	Differentiated Services Field
总长度	60	total length
标识	0xe4d7	Identification
标志	0x00	Flags
片偏移	0	Fragment offset
生存时间	64	Time to Live
协议	ICMP	Protocol
检验和	0x0000	Header Checksum
原IP地址	172.19.62.105	Src
目的IP地址	110.242.68.66	Destination

### (2) 当前网关为

```
Default Gateway . . . . . . . : fe80::a68:8dff:fea5:1e01%13
172.19.63.254
```

```
ping -1 4500 -n 2 172.19.63.254
```

```
C:\Users\Aholic^y>ping -1 4500 -n 2 172.19.63.254

Pinging 172.19.63.254 with 4500 bytes of data:
Reply from 172.19.63.254: bytes=4500 time=16ms TTL=255
Reply from 172.19.63.254: bytes=4500 time=16ms TTL=255

Ping statistics for 172.19.63.254:
    Packets: Sent = 2, Received = 2, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 16ms, Maximum = 16ms, Average = 16ms
```

### wireshark 捕获结果

```
ICMP 102 Echo (ping) request id=0x0001, seq=644/33794, ttl=64 (reply in 73)
ICMP 102 Echo (ping) reply id=0x0001, seq=644/33794, ttl=255 (request in 69)
ICMP 102 Echo (ping) request id=0x0001, seq=645/34050, ttl=64 (reply in 82)
ICMP 102 Echo (ping) reply id=0x0001, seq=645/34050, ttl=55 (request in 78)
DNS 91 Standard query 0xe7f5 AAAA settings-win.data.microsoft.com CNAME atm-settingsfe-prod-geo2.trafficma_
DNS 80 Standard query 0xe52a A activity.windows.com
DNS 80 Standard query rex52a A activity.windows.com CNAME activity-geo.trafficmanager.net A 20.44.229.112
      69 37,817309
                                                172,19,63,254
                                             172.19.05.254 ICMP
172.19.62.105 ICMP
172.19.63.254 ICMP
172.19.62.105 ICMP
10.8.8.8 DNS
      69 37.81/309 172.19.62.105

73 37.833139 172.19.63.254

78 38.839183 172.19.62.105

82 38.846169 172.19.63.254

91 42.404563 172.19.62.105
                                                172.19.62.105
      92 42.425037
                        172.19.62.105
     119 62.916803
     119 62.916803
120 62.932249
121 62.932614
123 62.963163
140 63.596033
143 63.607742
                                                172.19.62.105
                                                                     DNS 80 Standard query exponse 0x352a H activity.Windows.com CNAME activity-geo.trafficmanager.net A 20.44.229.112
DNS 80 Standard query exponse 0x4324 AAAA activity.windows.com CNAME activity-geo.trafficmanager.net SOA tmi.dns-t
DNS 91 Standard query 0x5082 AAAA settings-win.data.microsoft.com CNAME atm-settingsfe-prod-geo2.trafficma.
DNS 271 Standard query response 0x5082 AAAA settings-win.data.microsoft.com CNAME atm-settingsfe-prod-geo2.trafficma.
                        172.19.62.105
                                                172.19.62.105
                        172.19.62.105
10.8.8.8
                                                172.19.62.105
v Internet Protocol Version 4, Src: 172.19.62.105, Dst: 172.19.63.254
         0100 .... = Version: 4
          .... 0101 = Header Length: 20 bytes (5)
     > Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
         Total Length: 88
         Identification: 0x2db8 (11704)
     > Flags: 0x02
          ...1 0001 0101 1000 = Fragment Offset: 4440
         Time to Live: 64
         Protocol: ICMP (1)
         Header Checksum: 0x0000 [validation disabled]
         [Header checksum status: Unverified]
         Source Address: 172.19.62.105
         Destination Address: 172.19.63.254
       [4 IPv4 Fragments (4508 bytes): #66(1480), #67(1480), #68(1480), #69(68)]
Internet Control Message Protocol
         Type: 8 (Echo (ping) request)
         Code: 0
         Checksum: 0x20aa [correct]
         [Checksum Status: Good]
         Identifier (BE): 1 (0x0001)
         Identifier (LE): 256 (0x0100)
         Sequence Number (BE): 644 (0x0284)
         Sequence Number (LE): 33794 (0x8402)
         [Response frame: 73]
     v Data (4500 bytes)
              Data: 6162636465666768696a6b6c6d6e6f70717273747576776162636465666768696a6b6c6d...
               [Length: 4500]
```

```
> [4 IPv4 Fragments (4508 bytes): #66(1480), #67(1480), #68(1480), #69(68)]

    [Frame: 66, payload: 0-1479 (1480 bytes)]

    [Frame: 67, payload: 1480-2959 (1480 bytes)]

    [Frame: 68, payload: 2960-4439 (1480 bytes)]

    [Frame: 69, payload: 4440-4507 (68 bytes)]

    [Fragment count: 4]

    [Reassembled IPv4 length: 4508]

    [Reassembled IPv4 data: 080020aa000102846162636465666768696a6b6c6d6e6f70717273747576776162636465...]
```

### 单独看上面的过滤器所产生的报文时发现,第一个报文内有4个分片

可以看到此时的data长度为1480bytes,头部的字段长度为20bytes,所以以太网的MTU为1500bytes。

上述发现一个报文内可能有多个分片,所以此时将过滤器改为ip.addr==172.19.63.254

ip. ac	Ⅲ ip. addr==172. 19. 63. 254							
No.	Time	Source	Destination	Protocol	Length Info			
	66 37.817309	172.19.62.105	172.19.63.254	IPv4	1514 Fragmented IP protocol (proto=ICMP 1, off=0, ID=2db8) [Reassembled in #69]			
	67 37.817309	172.19.62.105	172.19.63.254	IPv4	1514 Fragmented IP protocol (proto=ICMP 1, off=1480, ID=2db8) [Reassembled in #69]			
	68 37.817309	172.19.62.105	172.19.63.254	IPv4	1514 Fragmented IP protocol (proto=ICMP 1, off=2960, ID=2db8) [Reassembled in #69]			
	69 37.817309	172.19.62.105	172.19.63.254	ICMP	102 Echo (ping) request id=0x0001, seq=644/33794, ttl=64 (reply in 73)			

属于同一个ICMP请求的分片有4个,分别为图中的No.66,67,68,69

每一个分片的满的有效长度为1480,若要将ping发起端发送的数据分为3个分片,ping命令中的报文长度应该设置为2961~4440之间

### 分析UDP协议

(1) 因为windows下的tracert命令发送的是ICMP的包,所以这次实验采用在unbuntu虚拟机的环境下进行,

输入命令

```
traceroute ucdavis.edu
```

### 控制台就结果如图

```
zb@yzb-virtual-machine:~$ traceroute ucdavis.edu
traceroute to ucdavis.edu (23.185.0.4), 30 hops max, 60 byte packets

1 _gateway (172.26.127.254) 3.395 ms 3.303 ms 3.257 ms

2 10.44.37.201 (10.44.37.201) 9.335 ms 9.280 ms 9.230 ms

3 10.44.16.201 (10.44.16.201) 4.374 ms 4.226 ms 4.323
     10.10.1.42 (10.10.1.42) 4.432 ms 4.383 ms 4.333 ms 120.236.174.129 (120.236.174.129) 5.286 ms 5.227 ms 5.179 ms
     120.197.11.5 (120.197.11.5) 5.136 ms 8.019 ms 6.864 ms 183.233.109.85 (183.233.109.85) 9.364 ms 183.233.109.81 (183.233.109.81) 4.154 ms 6.365 ms
9 111.24.5.209 (111.24.5.209) 10.038 ms 8.858 ms 111.24.5.21 (111.24.5.21) 11.297 ms
10 111.24.5.174 (111.24.5.174) 8.983 ms 111.24.5.170 (111.24.5.170) 18.097 ms 111.24.4.250 (11
1.24.4.250) 13.962 ms
11 221.183.68.145 (221.183.68.145) 9.732 ms 221.183.68.141 (221.183.68.141) 9.681 ms 221.183.6
8.145 (221.183.68.145) 7.448 ms
12 221.183.25.117 (221.183.25.117) 24.333 ms 24.285 ms 221.183.25.121 (221.183.25.121) 9.972
MS
13 221.183.55.81 (221.183.55.81) 9.699 ms 221.183.68.130 (221.183.68.130) 15.259 ms 221.183.55
.81 (221.183.55.81) 10.909 ms
14 223.120.2.81 (223.120.2.81) 17.061 ms 223.120.2.101 (223.120.2.101) 17.248 ms 223.120.2.85
14 223.120.2.85) 18.339 ms
(223.120.2.85) 18.339 ms
15 223.120.2.118 (223.120.2.118) 16.880 ms 16.776 ms 16.729 ms
16 63-217-16-189.static.pccwglobal.net (63.217.16.189) 41.102 ms 31.517 ms 63-217-103-25.stati
c.pccwglobal.net (63.217.103.25) 229.709 ms
17 BE46.clbr02.hkg12.pccwbtn.net (63.218.174.142) 95.507 ms BE45.clbr02.hkg12.pccwbtn.net (63.2
18.174.130) 94.329 ms 69.789 ms
18 * * *
```

### wireshark抓包得到结果如下

Г	155 10.386463	0.0.0.0	255.255.255.255	DHCP	342 DHCP Request - Transaction ID 0xdcd5e088
	235 22.228363	172.26.91.215	10.8.8.8	DNS	89 Standard query 0xf9a4 A v10.events.data.microsoft.com
	236 22.228368	172.26.91.215	10.8.8.8	DNS	89 Standard query 0xf9a4 A v10.events.data.microsoft.com
	237 22.231387	10.8.8.8	172.26.91.215	DNS	216 Standard query response 0xf9a4 A v10.events.data.microsoft.com CN.
	275 23.344061	172.26.50.14	224.0.0.251	MDNS	571 Standard query response 0x0000 TXT, cache flush PTR _mi-connect
	276 23.344749	fe80::ec84:efb9:da2	ff02::fb	MDNS	591 Standard query response 0x0000 TXT, cache flush PTR _mi-connect
	301 25.154165	172.26.5.18	10.8.8.8	DNS	82 Standard query 0x45a1 A ucdavis.edu OPT
	302 25.154169	172.26.5.18	10.8.8.8	DNS	82 Standard query 0x45a1 A ucdavis.edu OPT
	303 25.154278	172.26.5.18	10.8.8.8	DNS	82 Standard query 0xf668 AAAA ucdavis.edu OPT
	304 25.154279	172.26.5.18	10.8.8.8	DNS	82 Standard query 0xf668 AAAA ucdavis.edu OPT
	305 25.184546	10.8.8.8	172.26.5.18	DNS	138 Standard query response 0xf668 AAAA ucdavis.edu AAAA 2620:12a:800
	306 25.202702	10.8.8.8	172.26.5.18	DNS	98 Standard query response 0x45a1 A ucdavis.edu A 23.185.0.4 OPT
	307 25.203342	172.26.5.18	23.185.0.4	UDP	74 58266 → 33434 Len=32
	308 25.203345	172.26.5.18	23.185.0.4	UDP	74 58266 → 33434 Len=32
	309 25.203410	172.26.5.18	23.185.0.4	UDP	74 41176 → 33435 Len=32
	310 25.203412	172.26.5.18	23.185.0.4	UDP	74 41176 → 33435 Len=32
	311 25.203459	172.26.5.18	23.185.0.4	UDP	74 54045 → 33436 Len=32
	312 25.203461	172.26.5.18	23.185.0.4	UDP	74 54045 → 33436 Len=32
	313 25.203554	172.26.5.18	23.185.0.4	UDP	74 55719 → 33437 Len=32
	314 25.203557	172.26.5.18	23.185.0.4	UDP	74 55719 → 33437 Len=32
	315 25.203607	172.26.5.18	23.185.0.4	UDP	74 50995 → 33438 Len=32
	316 25.203609	172.26.5.18	23.185.0.4	UDP	74 50995 → 33438 Len=32
	317 25.203656	172.26.5.18	23.185.0.4	UDP	74 46201 → 33439 Len=32
	318 25.203658	172.26.5.18	23.185.0.4	UDP	74 46201 → 33439 Len=32
	319 25.203705	172.26.5.18	23.185.0.4	UDP	74 54428 → 33440 Len=32
	320 25.203707	172.26.5.18	23.185.0.4	UDP	74 54428 → 33440 Len=32
	321 25.203754	172.26.5.18	23.185.0.4	UDP	74 58159 → 33441 Len=32

下面来对信息具体分析

```
235 22.228363 172.26.91.215 10.8.8.8 DNS 89 Standard query 0xf9a4 A v10.events.data.microsoft.com
236 22.228368 172.26.91.215 10.8.8.8 DNS 89 Standard query 0xf9a4 A v10.events.data.microsoft.com
237 22.231387 10.8.8.8 172.26.91.215 DNS 216 Standard query response 0xf9a4 A v10.events.data.microsoft.com CNAME global.asimov.events.data.trafficmanager...
275 23.344061 172.26.59.14 224.0.0.251 NDNS 571 Standard query response 0xf9a6 A v10.events.data.microsoft.com CNAME global.asimov.events.data.trafficmanager...
276 23.344061 172.26.59.18 10.8.8.8 DNS 591 Standard query response 0xf9a6 A v10.events.data.microsoft.com CNAME global.asimov.events.data.trafficmanager...
276 23.344749 fe80::ec84:efb9:da2_ ff02::fb NDNS 591 Standard query response 0xf9a6 A v10.events.data.microsoft.com
277 22.251387 172.26.59.18 10.8.8.8 DNS 591 Standard query exponse 0xf9a6 NTX, cache flush PTR mi-connect_udp.local PTR ("mm":"zhonghc","as":"[8193, 81.
276 23.344749 fe80::ec84:efb9:da2_ ff02::fb NDNS 591 Standard query exponse 0xf9a6 NTX, cache flush PTR mi-connect_udp.local PTR ("mm":"zhonghc","as":"[8193, 81.
390 25.154169 172.26.5.18 10.8.8.8 DNS 82 Standard query 0xf5a1 A ucdavis.edu OPT
390 25.154279 172.26.5.18 10.8.8.8 DNS 82 Standard query 0xf5a1 A ucdavis.edu OPT
391 25.154279 172.26.5.18 10.8.8.8 DNS 82 Standard query response 0xf5a6 AAAA ucdavis.edu OPT
392 25.184546 10.8.8 172.26.5.18 DNS 138 Standard query response 0xf5a6 AAAA ucdavis.edu OPT
393 25.184546 10.8.8.8 172.26.5.18 DNS 98 Standard query response 0xf5a6 AAAA ucdavis.edu AAAA 2620:12a:8000::4 AAAA 2620:12a:8001::4 OPT
```

# 开始是对ucdavis.edu的域名解析,是用了DNS的协议来进行,具体的解析过程前面几个实验中也涉及到了,就是通过一层一层的DNS服务器来向本地返回所需要访问域名的ip地址

```
331 25.204050 172.26.5.18 23.185.0.4 UDP 74 34077 → 33446 Len=32
    332 25, 204052
                                                              UDP
                                                                          74 34077 → 33446 Len=32
                     172, 26, 5, 18
                                          23.185.0.4
    333 25,204096
                                                                          74 33244 → 33447 Len=32
                     172,26,5,18
                                         23,185,0,4
                                                              UDP
                   172.26.5.18
    334 25.204098
                                        23.185.0.4
                                                              LIDP
                                                                          74 33244 → 33447 Len=32
    335 25.204142
                    172.26.5.18
                                         23.185.0.4
                                                            UDP
                                                                        74 47259 → 33448 Len=32
    Frame Length: 74 bytes (592 bits)
    Capture Length: 74 bytes (592 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:udp:data]
    [Coloring Rule Name: UDP]
    [Coloring Rule String: udp]
> Ethernet II, Src: IntelCor_93:c5:f1 (34:2e:b7:93:c5:f1), Dst: RuijieNe_9f:46:87 (00:74:9c:9f:46:87)
Internet Protocol Version 4, Src: 172.26.5.18, Dst: 23.185.0.4
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
  > Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 60
    Identification: 0x9098 (37016)
  ∨ Flags: 0x00
      0... = Reserved bit: Not set
      .0.... = Don't fragment: Not set ..0. .... = More fragments: Not set
     ...0 0000 0000 0000 = Fragment Offset: 0
    Time to Live: 5
    Protocol: UDP (17)
    Header Checksum: 0x5c30 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 172,26,5,18
    Destination Address: 23.185.0.4
```

### 具体分析其中一条udp协议请求,先截取了网络层的报文内容

字段	值	意义
Version	4	代码ipv4协议
Differentiated Services Field	0x00	区分服务
header length	20 bytes	头部字段长度
total length	60	总长度
Identification	0x9098	标识符
Time to live	5	生存时间
Protocol	UDP	UDP协议
Source Address	172.26.5.18	主机ip地址
Destination Address	23.185.0.4	目标ip地址

# Vuser Datagram Protocol, Src Port: 34077, Dst Port: 33446 Source Port: 34077 > Destination Port: 33446 > [Expert Info (Chat/Sequence): Possible traceroute: hop #4, attempt #3] [Possible traceroute: hop #4, attempt #3] [Severity level: Chat] [Group: Sequence] Length: 40 Checksum: 0x39ec [unverified] [Checksum Status: Unverified] [Stream index: 22] > [Timestamps] [Time since first frame: 0.0000000000 seconds] [Time since previous frame: 0.0000000000 seconds]

∨ Data (32 bytes)

Data: 404142434445464748494a4b4c4d4e4f505152535455565758595a5b5c5d5e5f

[Length: 32]

UDP payload (32 bytes)

字段	值	意义
Src Port	34077	主机端口
Dst Port	33446	目标端口
checksum	0x39ec	数据校验和

所以traceroute ucdavis.edu的流程主要有以下几个方面

首先,本地开始解析ucdavis.edu这个域名的ip地址,向上一级DNS服务器进行请求,逐级请求下得到ucdavis.edu的ip地址为23.185.0.4

然后主机172.26.5.18开始想域名对应的ip地址发一个TTL=1的<u>UDP</u>数据包,而经过的第一个路由器收到这个数据包以后,就自动把TTL减1,而TTL变为0以后,路由器就把这个包给抛弃了,并同时产生一个主机不可达的ICMP数据报给主机。

主机收到这个数据报以后再发一个TTL=2的UDP数据报给目的主机,然后刺激第二个路由器给主机发ICMP数据报。如此往复直到到达目的主机。

	220 25 200552	472 26 427 254	472 26 F 40	TCMD	400 Time to live averaged (Time to live averaged in terrait)
	339 25.206553	172.26.127.254	172.26.5.18	ICMP	102 Time-to-live exceeded (Time to live exceeded in transit)
	340 25.206553	172.26.127.254	172.26.5.18	ICMP	102 Time-to-live exceeded (Time to live exceeded in transit)
	341 25.206553	172.26.127.254	172.26.5.18	ICMP	102 Time-to-live exceeded (Time to live exceeded in transit)
	342 25.206870	172.26.5.18	10.8.8.8	DNS	98 Standard query 0x5681 PTR 254.127.26.172.in-addr.arpa OPT
	343 25.206873	172.26.5.18	10.8.8.8	DNS	98 Standard query 0x5681 PTR 254.127.26.172.in-addr.arpa OPT
	344 25.208025	10.44.16.201	172.26.5.18	ICMP	70 Time-to-live exceeded (Time to live exceeded in transit)
	345 25.208025	10.44.16.201	172.26.5.18	ICMP	70 Time-to-live exceeded (Time to live exceeded in transit)
	346 25.208025	10.44.16.201	172.26.5.18	ICMP	70 Time-to-live exceeded (Time to live exceeded in transit)
	347 25.208258	10.10.1.42	172.26.5.18	ICMP	102 Time-to-live exceeded (Time to live exceeded in transit)
L	348 25.208258	10.10.1.42	172.26.5.18	ICMP	102 Time-to-live exceeded (Time to live exceeded in transit)
	349 25.208258	10.10.1.42	172.26.5.18	ICMP	102 Time-to-live exceeded (Time to live exceeded in transit)
	350 25.209225	120.236.174.129	172.26.5.18	ICMP	70 Time-to-live exceeded (Time to live exceeded in transit)
	351 25.209225	120.236.174.129	172.26.5.18	ICMP	70 Time-to-live exceeded (Time to live exceeded in transit)
	352 25.209225	120.236.174.129	172.26.5.18	ICMP	70 Time-to-live exceeded (Time to live exceeded in transit)
	353 25.209225	120.197.11.5	172.26.5.18	ICMP	70 Time-to-live exceeded (Time to live exceeded in transit)

ip数据包的内容为udp传输层下的data数据,如下图

```
∨ Data (32 bytes)
```

Data: 404142434445464748494a4b4c4d4e4f505152535455565758595a5b5c5d5e5f

[Length: 32]