

## 1.

전체 패킷 수 : 32874

전체 바이트 수 : 27741185

평균 패킷 크기 : 844

## 2.

### 2-1 TCP

패킷 수 : 32037 (97.5%)

바이트 수 : 27483903 (99.1%)

### 2-2 UDP

패킷 수 : 697 (2.1%)

바이트 수 : 243562 (0.9%)

### 2-3 ICMP

패킷 수 : 148 (0.5%)

바이트 수 : 14304 (0.1%)

## 3.

### 3-1 FTP

패킷 수 : 22 (0.1%)

전체 바이트 수 : 1996 (0.0%)

### 3-2 SSH

패킷 수 : 6704 (20.4%)

전체 바이트 수 : 8948565 (32.3%)

### 3-3 DNS

패킷 수 : 14 (0.0%)

전체 바이트 수 : 1212 (0.0%)

### 3-4 HTTP

패킷 수 : 34 (0.1%)

전체 바이트 수 : 24046 (0.1%)

### 3-5 HTTPS

tcp.port == 443 || udp.port == 443

패킷 수 : 13182 (40.1%)

전체 바이트 수 : 15004642 (54.1%)

## 4.

4-1 전체 수집시간(s) : 74.932

4-2 평균 pps : 438.7

++ 추가점수

## 1. Netflix

tcp.port == 443    udp.port == 443							Expression...	+
No.	Time	Source	Destination	Protocol	Length	Info		
4233	14.988858	45.57.100.132	192.168.50.63	TCP	1514	443 → 63624 [ACK] Seq:		
4234	14.988858	45.57.100.132	192.168.50.63	TCP	1514	443 → 63624 [ACK] Seq:		
4235	14.988859	45.57.100.132	192.168.50.63	TCP	1514	443 → 63624 [ACK] Seq:		
4236	14.988859	45.57.100.132	192.168.50.63	TCP	1514	443 → 63624 [ACK] Seq:		
4237	14.988860	45.57.100.132	192.168.50.63	TLSv1.2	1514	Application Data [TCP		
4238	14.988861	45.57.100.132	192.168.50.63	TCP	1514	443 → 63624 [ACK] Seq:		
4239	14.988861	45.57.100.132	192.168.50.63	TCP	1514	443 → 63624 [ACK] Seq:		
4240	14.988862	45.57.100.132	192.168.50.63	TCP	1514	443 → 63624 [ACK] Seq:		
4241	14.988862	45.57.100.132	192.168.50.63	TCP	1514	443 → 63624 [ACK] Seq:		
4242	14.988863	45.57.100.132	192.168.50.63	TCP	1514	443 → 63624 [ACK] Seq:		

```
(base) pi@pi-ai-Precision-7920-Tower:~$ whois 45.57.100.132

#
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# available at: https://www.arin.net/resources/registry/whois/tou/
#
# If you see inaccuracies in the results, please report at
# https://www.arin.net/resources/registry/whois/inaccuracy_reporting/
#
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#

NetRange:      45.57.0.0 - 45.57.127.255
CIDR:          45.57.0.0/17
NetName:       SS-CDN-4
NetHandle:     NET-45-57-0-0-1
Parent:        NET45 (NET-45-0-0-0-0)
NetType:       Direct Allocation
OriginAS:      AS2906
Organization:  Netflix Streaming Services Inc. (SS-144)
RegDate:       2015-01-09
Updated:       2021-12-14
Ref:           https://rdap.arin.net/registry/ip/45.57.0.0

OrgName:       Netflix Streaming Services Inc.
OrgId:         SS-144
Address:       1209 Orange Street
City:          Wilmington
StateProv:     DE
PostalCode:    19801
Country:       US
RegDate:       2012-04-20
Updated:       2021-07-21
Ref:           https://rdap.arin.net/registry/entity/SS-144

OrgAbuseHandle: SN092-ARIN
OrgAbuseName:   Streaming Network Operations
OrgAbusePhone:  +1-408-540-3700
OrgAbuseEmail:  cdnetops@netflix.com
OrgAbuseRef:    https://rdap.arin.net/registry/entity/SN092-ARIN

OrgTechHandle:  SN092-ARIN
OrgTechName:    Streaming Network Operations
OrgTechPhone:   +1-408-540-3700
OrgTechEmail:   cdnetops@netflix.com
OrgTechRef:     https://rdap.arin.net/registry/entity/SN092-ARIN

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#
```

## 2. Twitch

tcp.port == 443    udp.port == 443								Expression...	+
No.	Time	Source	Destination	Protocol	Length	Info			
32845	74.730649	45.113.130.181	192.168.50.63	TCP	1514	443 → 63669 [ACK] Seq:			
32846	74.730650	45.113.130.181	192.168.50.63	TCP	1514	443 → 63669 [ACK] Seq:			
32847	74.730651	45.113.130.181	192.168.50.63	TCP	1514	443 → 63669 [ACK] Seq:			
32848	74.730652	45.113.130.181	192.168.50.63	TCP	1514	443 → 63669 [ACK] Seq:			
32849	74.730653	45.113.130.181	192.168.50.63	TCP	1514	443 → 63669 [ACK] Seq:			
32850	74.730654	45.113.130.181	192.168.50.63	TCP	1514	443 → 63669 [ACK] Seq:			
32851	74.730654	45.113.130.181	192.168.50.63	TCP	1514	443 → 63669 [ACK] Seq:			
32852	74.730655	45.113.130.181	192.168.50.63	TCP	1514	443 → 63669 [ACK] Seq:			
32853	74.730656	45.113.130.181	192.168.50.63	TCP	1514	443 → 63669 [ACK] Seq:			
32854	74.730657	45.113.130.181	192.168.50.63	TCP	1514	443 → 63669 [ACK] Seq:			

```
(base) pi@pi-Precision-7920-Tower:~$ whois 45.113.130.181
% [whois.apnic.net]
% Whois data copyright terms    http://www.apnic.net/db/dbcopyright.html

% Information related to '45.113.128.0 - 45.113.131.255'

% Abuse contact for '45.113.128.0 - 45.113.131.255' is 'abuse@amazonaws.com'

inetnum:        45.113.128.0 - 45.113.131.255
netname:        TWITCHTVINC-AP
descr:          TWITCH INTERACTIVE, INC.
country:        HK
org:            ORG-TII2-AP
admin-c:        TIA18-AP
tech-c:         TIA18-AP
abuse-c:        AT1095-AP
status:         ALLOCATED PORTABLE
remarks:        -----
remarks:        To report network abuse, please contact mnt-irt
remarks:        For troubleshooting, please contact tech-c and admin-c
remarks:        Report invalid contact via www.apnic.net/invalidcontact
remarks:        -----
mnt-by:         APNIC-HM
mnt-lower:      MAINT-TWITCHTVINC-AP
mnt-routes:     MAINT-TWITCHTVINC-AP
mnt-irt:        IRT-TWITCHTVINC-AP
last-modified:  2020-06-22T05:36:38Z
source:         APNIC

irt:            IRT-TWITCHTVINC-AP
address:        225 Bush Street, Suite 600, San Francisco California 95134
e-mail:         abuse@amazonaws.com
abuse-mailbox:  abuse@amazonaws.com
admin-c:        TIA18-AP
tech-c:         TIA18-AP
auth:           # Filtered
remarks:        abuse@amazonaws.com was validated on 2023-02-06
mnt-by:         MAINT-TWITCHTVINC-AP
last-modified:  2023-02-06T18:33:11Z
source:         APNIC

organisation:   ORG-TII2-AP
org-name:       TWITCH INTERACTIVE, INC.
country:        US
address:        350 Bush Street
address:        Suite 200
phone:          +14084801752
fax-no:         +14084801752
e-mail:         abuse@twitch.tv
mnt-ref:        APNIC-HM
mnt-by:         APNIC-HM
last-modified:  2019-12-06T12:57:22Z
source:         APNIC

role:           ABUSE TWITCHTVINCAP
address:        225 Bush Street, Suite 600, San Francisco California 95134
country:        ZZ
phone:          +0000000000
e-mail:         abuse@amazonaws.com
admin-c:        TIA18-AP
tech-c:         TIA18-AP
```