

Report on activity for destination IP 146.x.x.65 for the month of December 2013

For the period 01/12/2013 - 31/12/2014

Analysis has been performed on datasets extracted from the packet capture to produce the graphical and tabular output of the report. There has however been no interpretation of the results generated by the report. A latex document of the report has also been created however that can be altered to include an interpretation of results.

Contents

1	Breakdown of destination IP 146.x.x.65	2
1.1	Destination IP	2
1.2	Destination Port TCP	4
1.3	Source IP	6
1.4	Source Port	8
1.5	Geolocation results of source IPs	10
1.6	Time Series	12
1.7	Cumulative time series	13
1.8	Scatter plot of destination ports against time	14
1.9	Time series of port 22	15

1 Breakdown of destination IP 146.x.x.65

1.1 Destination IP

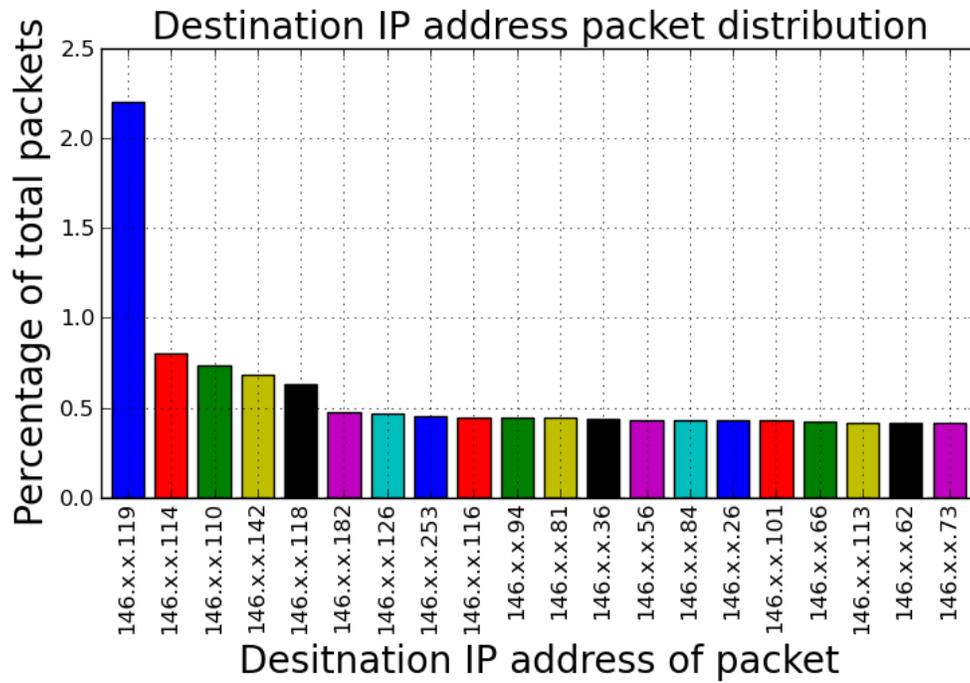


Figure 1: Destination IP packet count

Table 1: Destination IP packets

Destination IP	Number of packets recorded	Percentage of total packets
146.x.x.119	27592	2.201
146.x.x.114	10020	0.799
146.x.x.110	9226	0.735
146.x.x.142	8568	0.683
146.x.x.118	7901	0.630
146.x.x.182	5958	0.475
146.x.x.126	5889	0.469
146.x.x.253	5641	0.449
146.x.x.116	5600	0.446
146.x.x.94	5564	0.443
146.x.x.81	5546	0.442
146.x.x.36	5515	0.439
146.x.x.56	5423	0.432
146.x.x.84	5417	0.432
146.x.x.26	5407	0.431
146.x.x.101	5362	0.427
146.x.x.66	5317	0.424
146.x.x.113	5227	0.416
146.x.x.62	5213	0.415
146.x.x.73	5205	0.415
Total:	145591	2

Number of unique hits: 1253561

1.2 Destination Port TCP

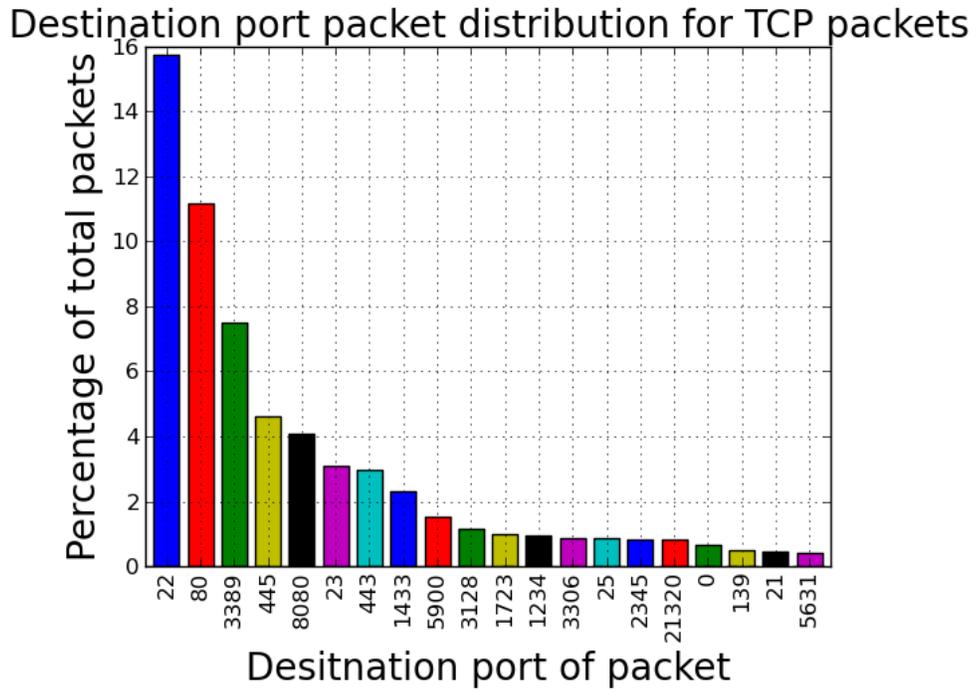


Figure 2: Destination IP packet count

Table 2: Destination Port TCP packets

Destination Port TCP	Number of packets recorded	Percentage of total packets
22	129851	15.73
80	92347	11.19
3389	61771	7.485
445	38227	4.632
8080	33773	4.092
23	25653	3.108
443	24609	2.981
1433	19162	2.321
5900	12549	1.520
3128	9391	1.137
1723	8161	0.988
1234	7777	0.942
3306	7254	0.879
25	7155	0.867
2345	6801	0.824
21320	6764	0.819
0	5473	0.663
139	4012	0.486
21	3828	0.463
5631	3529	0.427
Total:	508087	50

Number of unique hits: 825254

1.3 Source IP

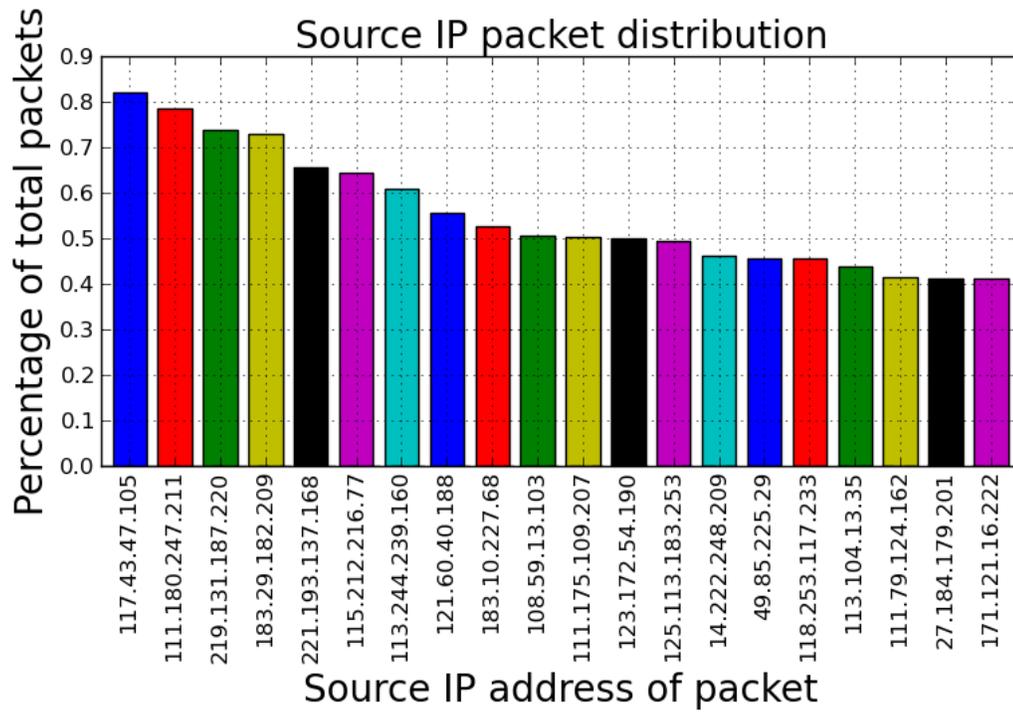


Figure 3: Destination IP packet count

Table 3: Source IP packets

Source IP	Number of packets recorded	Percentage of total packets
117.43.47.105	227	0.822
111.180.247.211	217	0.786
219.131.187.220	204	0.739
183.29.182.209	202	0.732
221.193.137.168	181	0.655
115.212.216.77	178	0.645
113.244.239.160	168	0.608
121.60.40.188	154	0.558
183.10.227.68	146	0.529
108.59.13.103	140	0.507
111.175.109.207	139	0.503
123.172.54.190	138	0.500
125.113.183.253	137	0.496
14.222.248.209	128	0.463
49.85.225.29	126	0.456
118.253.117.233	126	0.456
113.104.13.35	121	0.438
111.79.124.162	115	0.416
27.184.179.201	114	0.413
171.121.16.222	114	0.413
Total:	3075	0

Number of unique hits: 27592

1.4 Source Port

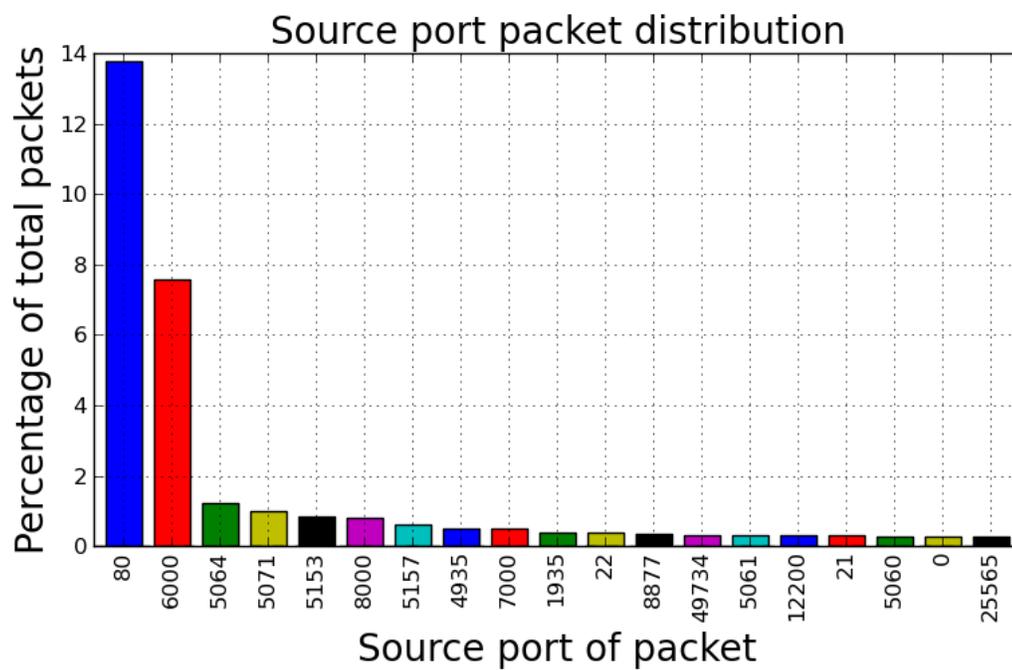


Figure 4: Destination IP packet count

Table 4: Source Port packets

Source Port	Number of packets recorded	Percentage of total packets
80	172713	13.77
6000	94830	7.564
5064	15592	1.243
5071	12777	1.019
5153	10480	0.836
8000	10380	0.828
5157	7696	0.613
4935	6589	0.525
7000	6245	0.498
1935	4788	0.381
22	4712	0.375
8877	4355	0.347
49734	4167	0.332
5061	4167	0.332
12200	3897	0.310
21	3829	0.305
5060	3744	0.298
0	3715	0.296
25565	3703	0.295
Total:	378379	22

Number of unique hits: 1253561

1.5 Geolocation results of source IPs

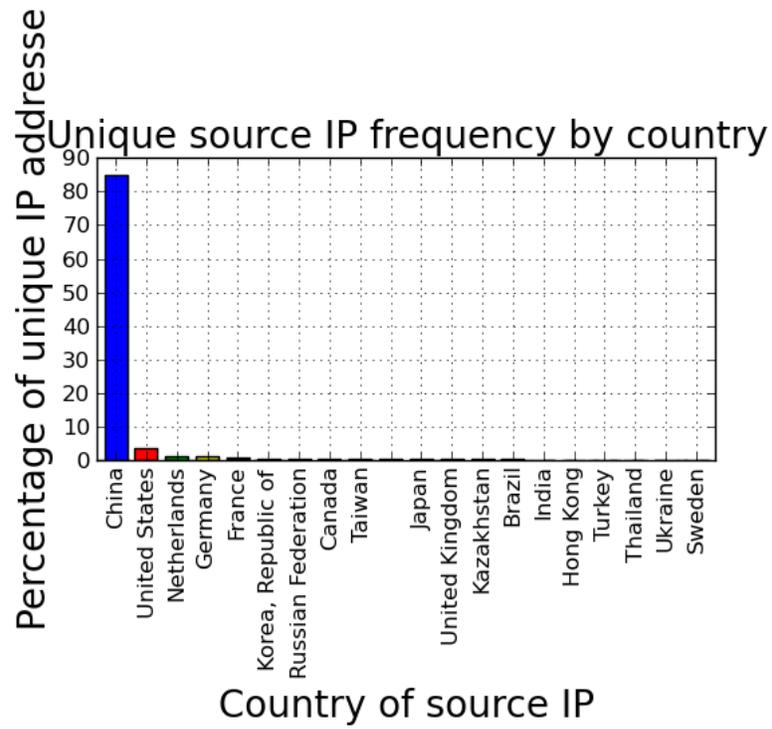


Figure 5: Destination IP packet count

Table 5: Geolocation results of source IPs packets

Geolocation results of source IPs	Number of packets recorded	Percentage of total packets
China	8470	84.98
United States	354	3.552
Netherlands	137	1.374
Germany	134	1.344
France	98	0.983
Korea, Republic of	64	0.642
Russian Federation	60	0.602
Canada	51	0.511
Taiwan	49	0.491
	41	0.411
Japan	39	0.391
United Kingdom	38	0.381
Kazakhstan	33	0.331
Brazil	32	0.321
India	28	0.280
Hong Kong	27	0.270
Turkey	26	0.260
Thailand	21	0.210
Ukraine	21	0.210
Sweden	17	0.170
Total:	9740	89

Number of unique hits: 9966

1.6 Time Series

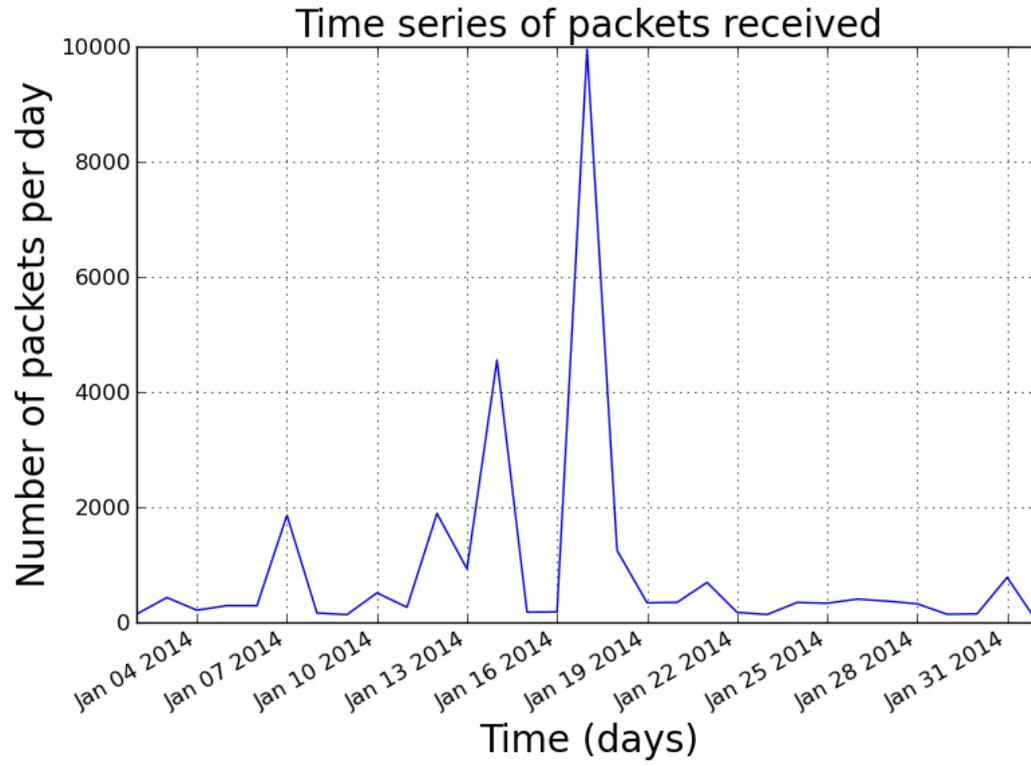


Figure 6: Destination IP packet count

1.7 Cumulative time series

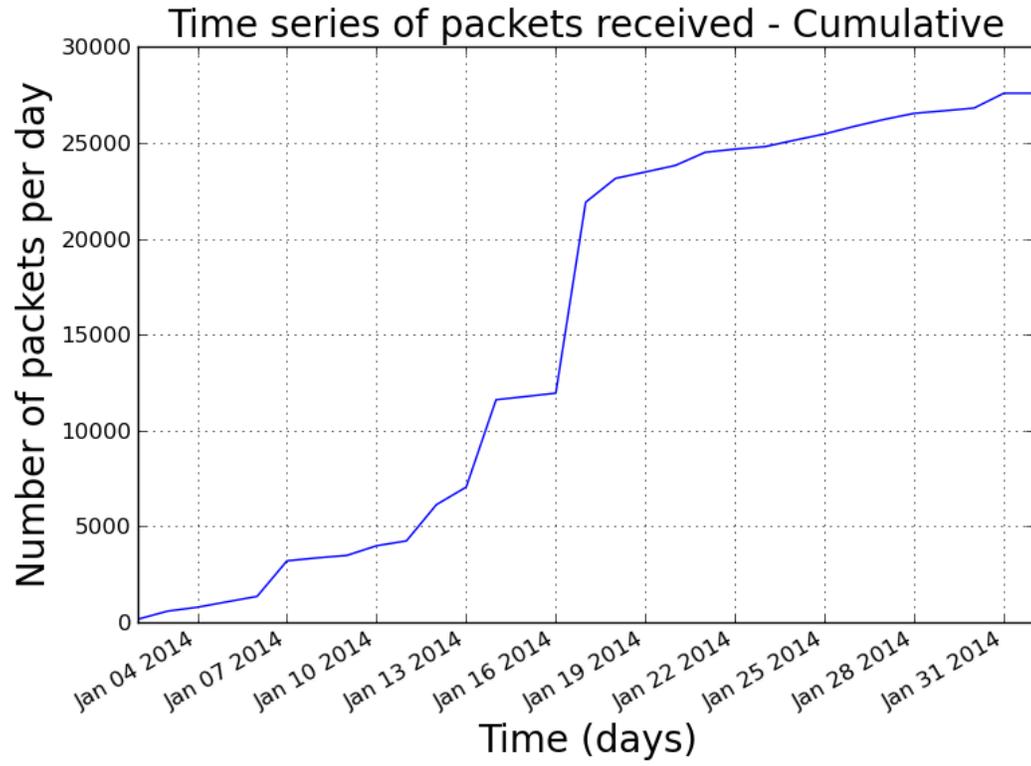


Figure 7: Destination IP packet count

1.8 Scatter plot of destination ports against time

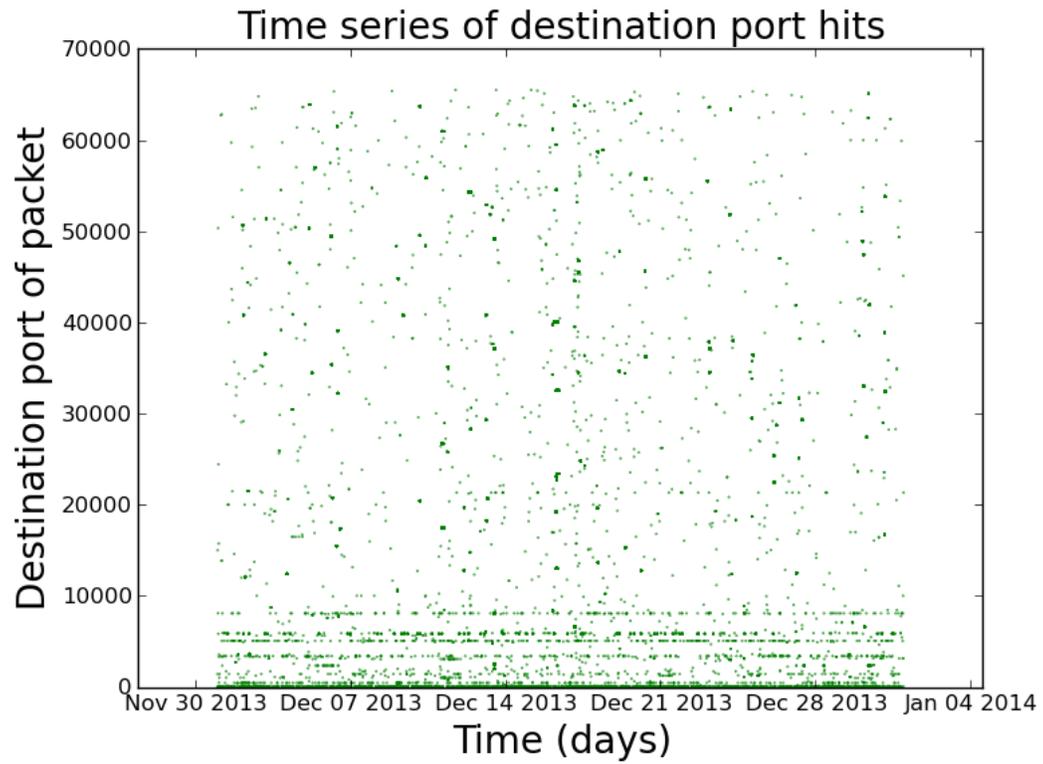


Figure 8: Destination IP packet count

1.9 Time series of port 22

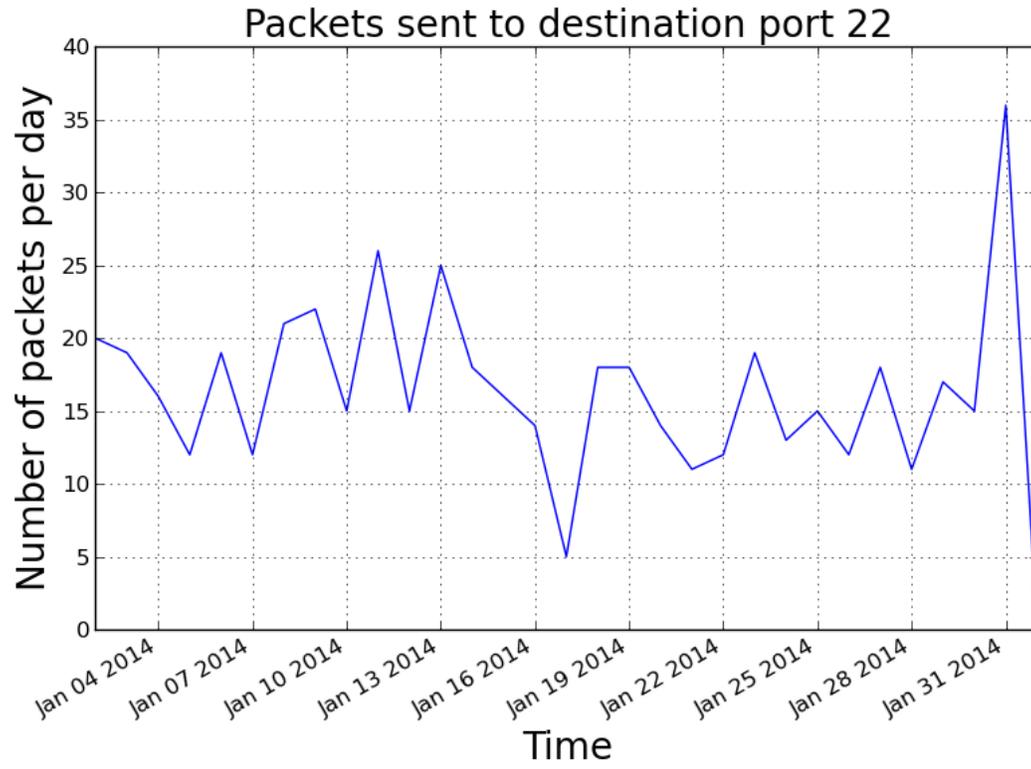


Figure 9: Destination IP packet count