

Valid	aarnet-11-2017	aarnet-12-2017	aarnet-01-2018	Total
Packets/Month	3441486000	4382389000	2528050000	10351925000
Address/Month	175	183	179	187
Unroutable	aarnet-11-2017	aarnet-12-2017	aarnet-01-2018	Total
Packets/Month	23000	14000	12000	49000
Address/Month	1	1	1	1
Bogus ASN	aarnet-11-2017	aarnet-12-2017	aarnet-01-2018	Total
Packets/Month	39000	29000	26000	94000
Address/Month	2	2	2	2
Unroutable	ASN	Unroutable Address	Packet Count	
Unroutable	293	138.44.224.4	49000	
Bogus ASN	ASN	Bogus ASN	Packet Count	
Bogus ASN	0	138.44.224.14	52000	
Bogus ASN	0	138.44.224.15	42000	

Valid	aglt2-11-2017	aglt2-12-2017	aglt2-01-2018	Total
Packets/Month	16522460000	20972814000	13995208000	51490482000
Address/Month	271	263	267	294
Unroutable	aglt2-11-2017	aglt2-12-2017	aglt2-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	aglt2-11-2017	aglt2-12-2017	aglt2-01-2018	Total
Packets/Month	71000	100000	0	171000
Address/Month	4	4	0	4
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	
Bogus ASN	0	2001:400:f002:38::6	156000	
Bogus ASN	0	2001:48a8:5fff:13::2	6000	
Bogus ASN	0	2001:48a8:5fff:13::3	3000	
Bogus ASN	0	207.72.112.94	6000	

Valid	anl-11-2017	anl-12-2017	anl-01-2018	Total
Packets/Month	77584000	72808000	170048000	320440000
Address/Month	23	25	23	34
Unroutable	anl-11-2017	anl-12-2017	anl-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	anl-11-2017	anl-12-2017	anl-01-2018	Total
Packets/Month	0	4000	3000	7000
Address/Month	0	1	1	1
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	
Bogus ASN		0 146.137.70.9	7000	

Valid	ansp-11-2017	ansp-12-2017	ansp-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ansp-11-2017	ansp-12-2017	ansp-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	ansp-11-2017	ansp-12-2017	ansp-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	asgc-11-2017	asgc-12-2017	asgc-01-2018	Total
Packets/Month	1116796000	5967526000	4248182000	11332504000
Address/Month	92	146	138	161
Unroutable	asgc-11-2017	asgc-12-2017	asgc-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	asgc-11-2017	asgc-12-2017	asgc-01-2018	Total
Packets/Month	1135815000	7367504000	433003000	8936322000
Address/Month	218	46	223	373
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	
Bogus ASN	0	10.97.52.56	2000	
Bogus ASN	0	103.49.160.135	6000	
Bogus ASN	0	103.49.160.65	1000	
Bogus ASN	0	137.189.10.16	1000	
Bogus ASN	0	137.189.133.246	15000	
Bogus ASN	0	137.189.133.248	227000	
Bogus ASN	0	137.189.134.110	4000	
Bogus ASN	0	137.189.135.189	3000	
Bogus ASN	0	137.189.135.208	3000	
Bogus ASN	0	137.189.138.38	51000	
Bogus ASN	0	137.189.140.185	1000	
Bogus ASN	0	137.189.159.169	1000	
Bogus ASN	0	137.189.160.129	47000	
Bogus ASN	0	137.189.170.62	1000	
Bogus ASN	0	137.189.204.135	3000	
Bogus ASN	0	137.189.204.219	6000	
Bogus ASN	0	137.189.204.84	1000	
Bogus ASN	0	137.189.206.150	1000	
Bogus ASN	0	137.189.206.159	6000	
Bogus ASN	0	137.189.206.198	4000	
Bogus ASN	0	137.189.206.222	2000	
Bogus ASN	0	137.189.206.39	1000	
Bogus ASN	0	137.189.206.44	2000	
Bogus ASN	0	137.189.207.15	1000	
Bogus ASN	0	137.189.240.128	1000	
Bogus ASN	0	137.189.240.129	1000	
Bogus ASN	0	137.189.240.148	1000	
Bogus ASN	0	137.189.240.161	6000	

Bogus ASN	0	137.189.240.180	3000
Bogus ASN	0	137.189.240.191	10000
Bogus ASN	0	137.189.240.202	30000
Bogus ASN	0	137.189.240.206	2000
Bogus ASN	0	137.189.240.207	2000
Bogus ASN	0	137.189.240.21	23000
Bogus ASN	0	137.189.240.250	1000
Bogus ASN	0	137.189.240.45	5000
Bogus ASN	0	137.189.240.61	1000
Bogus ASN	0	137.189.240.98	12000
Bogus ASN	0	137.189.4.111	684000
Bogus ASN	0	137.189.4.112	2938112000
Bogus ASN	0	137.189.4.113	2887441000
Bogus ASN	0	137.189.4.114	2798227000
Bogus ASN	0	137.189.4.115	68000
Bogus ASN	0	137.189.4.116	273000
Bogus ASN	0	137.189.40.214	1000
Bogus ASN	0	137.189.40.7	1000
Bogus ASN	0	137.189.40.88	4000
Bogus ASN	0	137.189.41.24	1000
Bogus ASN	0	137.189.43.16	2000
Bogus ASN	0	137.189.43.201	12000
Bogus ASN	0	137.189.43.24	1000
Bogus ASN	0	137.189.43.25	1000
Bogus ASN	0	137.189.43.62	79000
Bogus ASN	0	137.189.46.122	1000
Bogus ASN	0	137.189.46.137	2000
Bogus ASN	0	137.189.46.206	4000
Bogus ASN	0	137.189.46.83	6000
Bogus ASN	0	137.189.47.14	1000
Bogus ASN	0	137.189.51.20	4000
Bogus ASN	0	137.189.51.77	14000
Bogus ASN	0	137.189.6.21	10000
Bogus ASN	0	137.189.62.34	2000
Bogus ASN	0	137.189.89.55	623000
Bogus ASN	0	137.189.90.247	1000
Bogus ASN	0	137.189.91.192	1000
Bogus ASN	0	137.189.91.239	1000
Bogus ASN	0	137.189.98.9	4000
Bogus ASN	0	137.189.99.194	1000
Bogus ASN	0	143.89.14.186	1000
Bogus ASN	0	143.89.14.8	3000
Bogus ASN	0	143.89.141.22	1000

Bogus ASN	0	143.89.145.207	1000
Bogus ASN	0	143.89.149.68	1000
Bogus ASN	0	143.89.19.122	1000
Bogus ASN	0	143.89.190.129	2000
Bogus ASN	0	143.89.190.139	19000
Bogus ASN	0	143.89.25.73	2000
Bogus ASN	0	143.89.39.161	45000
Bogus ASN	0	143.89.4.2	66323000
Bogus ASN	0	143.89.41.155	2000
Bogus ASN	0	143.89.52.225	2000
Bogus ASN	0	143.89.52.41	2000
Bogus ASN	0	143.89.53.136	29719000
Bogus ASN	0	143.89.59.173	1000
Bogus ASN	0	144.214.104.158	1000
Bogus ASN	0	144.214.110.160	1000
Bogus ASN	0	144.214.126.27	1000
Bogus ASN	0	144.214.130.8	3000
Bogus ASN	0	144.214.202.110	4000
Bogus ASN	0	144.214.26.101	80000
Bogus ASN	0	144.214.26.67	66000
Bogus ASN	0	144.214.26.90	130000
Bogus ASN	0	144.214.80.216	12000
Bogus ASN	0	144.214.88.246	2000
Bogus ASN	0	144.214.90.36	1000
Bogus ASN	0	144.214.97.156	1000
Bogus ASN	0	144.214.97.240	4000
Bogus ASN	0	147.8.100.152	1000
Bogus ASN	0	147.8.103.146	1000
Bogus ASN	0	147.8.105.215	4000
Bogus ASN	0	147.8.114.145	1000
Bogus ASN	0	147.8.123.165	1000
Bogus ASN	0	147.8.145.129	2405000
Bogus ASN	0	147.8.145.30	1000
Bogus ASN	0	147.8.145.32	1000
Bogus ASN	0	147.8.146.115	1000
Bogus ASN	0	147.8.146.151	1000
Bogus ASN	0	147.8.15.12	3000
Bogus ASN	0	147.8.15.170	5000
Bogus ASN	0	147.8.15.235	9000
Bogus ASN	0	147.8.15.40	2000
Bogus ASN	0	147.8.153.62	7000
Bogus ASN	0	147.8.154.55	29000
Bogus ASN	0	147.8.158.210	2000

Bogus ASN	0	147.8.16.140	1000
Bogus ASN	0	147.8.166.161	3000
Bogus ASN	0	147.8.166.86	1000
Bogus ASN	0	147.8.177.242	1000
Bogus ASN	0	147.8.182.48	2000
Bogus ASN	0	147.8.183.109	2000
Bogus ASN	0	147.8.185.62	3780000
Bogus ASN	0	147.8.188.12	1000
Bogus ASN	0	147.8.188.173	3000
Bogus ASN	0	147.8.199.253	1000
Bogus ASN	0	147.8.2.254	2000
Bogus ASN	0	147.8.2.3	2000
Bogus ASN	0	147.8.2.58	1000
Bogus ASN	0	147.8.20.61	1000
Bogus ASN	0	147.8.206.208	1000
Bogus ASN	0	147.8.206.241	1000
Bogus ASN	0	147.8.206.31	4000
Bogus ASN	0	147.8.207.112	3000
Bogus ASN	0	147.8.209.17	7000
Bogus ASN	0	147.8.209.225	2000
Bogus ASN	0	147.8.214.197	7000
Bogus ASN	0	147.8.227.106	6000
Bogus ASN	0	147.8.227.135	3000
Bogus ASN	0	147.8.227.151	17000
Bogus ASN	0	147.8.227.179	1000
Bogus ASN	0	147.8.227.91	2000
Bogus ASN	0	147.8.228.110	4000
Bogus ASN	0	147.8.235.73	2000
Bogus ASN	0	147.8.235.75	1000
Bogus ASN	0	147.8.237.139	4000
Bogus ASN	0	147.8.239.108	1000
Bogus ASN	0	147.8.239.165	1000
Bogus ASN	0	147.8.239.183	10000
Bogus ASN	0	147.8.239.212	2000
Bogus ASN	0	147.8.5.221	1000
Bogus ASN	0	147.8.54.23	1000
Bogus ASN	0	147.8.58.250	69000
Bogus ASN	0	147.8.61.4	1000
Bogus ASN	0	147.8.66.42	1000
Bogus ASN	0	147.8.68.116	1000
Bogus ASN	0	147.8.70.90	1000
Bogus ASN	0	147.8.72.226	1000
Bogus ASN	0	147.8.72.43	4841000

Bogus ASN	0	147.8.76.226	1000
Bogus ASN	0	147.8.80.31	1000
Bogus ASN	0	147.8.81.161	1000
Bogus ASN	0	147.8.81.224	9000
Bogus ASN	0	147.8.82.136	145000
Bogus ASN	0	147.8.82.159	1000
Bogus ASN	0	147.8.82.45	3000
Bogus ASN	0	147.8.82.83	5000
Bogus ASN	0	147.8.84.103	1000
Bogus ASN	0	147.8.87.49	1000
Bogus ASN	0	147.8.88.170	1000
Bogus ASN	0	147.8.97.56	5000
Bogus ASN	0	147.8.97.96	2000
Bogus ASN	0	158.132.125.3	9000
Bogus ASN	0	158.132.13.65	1000
Bogus ASN	0	158.132.144.148	1000
Bogus ASN	0	158.132.175.12	1000
Bogus ASN	0	158.132.175.74	3000
Bogus ASN	0	158.132.18.176	1000
Bogus ASN	0	158.132.182.235	23000
Bogus ASN	0	158.132.214.166	1000
Bogus ASN	0	158.132.238.187	1000
Bogus ASN	0	158.182.112.98	5000
Bogus ASN	0	158.182.113.150	2000
Bogus ASN	0	158.182.234.121	1000
Bogus ASN	0	158.182.56.147	1382000
Bogus ASN	0	175.159.120.97	1000
Bogus ASN	0	175.159.121.50	261000
Bogus ASN	0	175.159.122.144	1000
Bogus ASN	0	175.159.122.23	1000
Bogus ASN	0	175.159.123.118	1000
Bogus ASN	0	175.159.123.136	157000
Bogus ASN	0	175.159.123.166	1000
Bogus ASN	0	175.159.123.34	1000
Bogus ASN	0	175.159.123.88	178336000
Bogus ASN	0	175.159.126.142	6179000
Bogus ASN	0	175.159.18.185	1000
Bogus ASN	0	175.159.22.43	2000
Bogus ASN	0	175.159.24.166	2000
Bogus ASN	0	175.159.64.178	3000
Bogus ASN	0	175.159.65.140	1000
Bogus ASN	0	175.159.80.192	1000
Bogus ASN	0	175.159.87.37	2000

Bogus ASN	0	175.159.88.106	5000
Bogus ASN	0	175.159.89.169	3000
Bogus ASN	0	175.159.89.65	2000
Bogus ASN	0	2001:200:e000:945::5e67	5000
Bogus ASN	0	2001:288:3001:32:268a:7	165000
Bogus ASN	0	2001:288:3001:32:268a:7	119000
Bogus ASN	0	2001:288:3001:32:268a:7	40000
Bogus ASN	0	2001:288:3001:32:268a:7	398000
Bogus ASN	0	2001:288:3001:32:268a:7	53000
Bogus ASN	0	2001:288:3001:32:268a:7	713000
Bogus ASN	0	2001:288:3001:32:268a:7	22000
Bogus ASN	0	2001:288:3001:32:268a:7	352000
Bogus ASN	0	2001:288:3001:32:3ed9:2	1265000
Bogus ASN	0	2001:288:3001:32:6651:6	593000
Bogus ASN	0	2001:288:3001:32:6651:6	4000
Bogus ASN	0	2001:288:3001:32:ae16:2	237000
Bogus ASN	0	2001:288:3001:32:ae16:2	873000
Bogus ASN	0	2001:288:3001:32:b6b5:2	94000
Bogus ASN	0	2001:288:3001:32:b6b5:2	82000
Bogus ASN	0	2001:288:3001:32:b6b5:2	108000
Bogus ASN	0	2001:288:3001:32:da9d:6	118000
Bogus ASN	0	2001:288:3001:32:da9d:6	34000
Bogus ASN	0	2001:288:3001:32:da9d:6	1410000
Bogus ASN	0	2001:288:3001:32:da9d:6	129000
Bogus ASN	0	2001:288:3001:32:da9d:6	231000
Bogus ASN	0	2001:288:3001:32:da9d:6	1052000
Bogus ASN	0	2001:288:3001:32:da9d:6	112000
Bogus ASN	0	2001:288:3001:32:da9d:6	109000
Bogus ASN	0	2001:288:3001:32:da9d:6	137000
Bogus ASN	0	2001:288:3001:32:da9d:6	17000
Bogus ASN	0	2001:288:3001:32:f816:3	1000
Bogus ASN	0	2001:288:3001:32:f816:3	15000
Bogus ASN	0	2001:288:3001:32:f816:3	38000
Bogus ASN	0	2001:288:3001:32:f816:3	3000
Bogus ASN	0	2001:288:3001:32:f816:3	6000
Bogus ASN	0	2001:288:3001:32:f816:3	27000
Bogus ASN	0	2001:288:3001:32:f816:3	186000
Bogus ASN	0	2001:288:3001:32:f816:3	129000
Bogus ASN	0	2001:288:3001:32:f816:3	39000
Bogus ASN	0	2001:288:3001:32:f816:3	198000
Bogus ASN	0	2001:288:3001:32:f816:3	14000
Bogus ASN	0	2001:288:3001:32:f816:3	182000
Bogus ASN	0	2001:288:3001:32:f816:3	26000

Bogus ASN	0	2001:288:3001:32:f816:3	132000
Bogus ASN	0	2001:288:3001:32:f816:3	54000
Bogus ASN	0	2001:288:3001:32:f816:3	52000
Bogus ASN	0	2001:288:3001:32:f816:3	78000
Bogus ASN	0	2001:288:3001:32:f816:3	124000
Bogus ASN	0	2001:288:3001:32:f816:3	2000
Bogus ASN	0	2001:288:3001:32:f816:3	4000
Bogus ASN	0	2001:288:3001:32:f816:3	22000
Bogus ASN	0	2001:288:3001:32:f816:3	61000
Bogus ASN	0	2001:288:3001:32:f816:3	3000
Bogus ASN	0	2001:288:3001:32:f816:3	5000
Bogus ASN	0	2001:288:3001:32:f816:3	57000
Bogus ASN	0	2001:288:3001:32:f816:3	67000
Bogus ASN	0	2001:288:3001:32:f816:3	73000
Bogus ASN	0	2001:288:3001:32:f816:3	3000
Bogus ASN	0	2001:288:3001:32:f816:3	57000
Bogus ASN	0	2001:288:3001:32:f816:3	44000
Bogus ASN	0	2001:288:3001:32:f816:3	39000
Bogus ASN	0	2001:288:3001:32:f816:3	129000
Bogus ASN	0	2001:288:3001:32:f816:3	219000
Bogus ASN	0	2001:288:3001:32:f816:3	16000
Bogus ASN	0	2001:288:3001:32:f816:3	4000
Bogus ASN	0	2001:288:3001:32:f816:3	11000
Bogus ASN	0	2001:288:3001:32:f816:3	21000
Bogus ASN	0	2001:288:3001:32:f816:3	2000
Bogus ASN	0	2001:288:3001:32:f816:3	46000
Bogus ASN	0	2001:288:3001:32:f816:3	100000
Bogus ASN	0	2001:288:3001:32:f816:3	67000
Bogus ASN	0	2001:288:3001:32:f816:3	14000
Bogus ASN	0	2001:288:3001:32:f816:3	327000
Bogus ASN	0	2001:288:3001:32:f816:3	10000
Bogus ASN	0	2001:288:3001:32:f816:3	57000
Bogus ASN	0	2001:288:3001:32:f816:3	60000
Bogus ASN	0	2001:288:3001:32:f816:3	132000
Bogus ASN	0	2001:288:3001:32:f816:3	91000
Bogus ASN	0	2001:288:3001:32:f816:3	3000
Bogus ASN	0	2001:288:3001:32:f816:3	34000
Bogus ASN	0	2001:288:3001:32:f816:3	13000
Bogus ASN	0	2001:288:3001:32:f816:3	174000
Bogus ASN	0	2001:288:3001:32:f816:3	57000
Bogus ASN	0	2001:288:3001:32:f816:3	1000
Bogus ASN	0	2001:288:3001:32:f816:3	93000
Bogus ASN	0	2001:288:3001:32:f816:3	134000

Bogus ASN	0	2001:288:3001:32:f816:3	242000
Bogus ASN	0	2001:288:3001:32:f816:3	95000
Bogus ASN	0	2001:288:3001:32:f816:3	41000
Bogus ASN	0	2001:288:3001:32:f816:3	5000
Bogus ASN	0	2001:288:3001:32:f816:3	3000
Bogus ASN	0	2001:288:3001:32:f816:3	11000
Bogus ASN	0	2001:288:3001:32:f816:3	12000
Bogus ASN	0	2001:288:3001:32:f816:3	61000
Bogus ASN	0	2001:288:3001:32:f816:3	2000
Bogus ASN	0	2001:288:3001:32:f816:3	87000
Bogus ASN	0	2001:288:3001:32:f816:3	99000
Bogus ASN	0	2001:288:3001:32:f816:3	241000
Bogus ASN	0	2001:288:3001:32:f816:3	65000
Bogus ASN	0	2001:288:3001:32:f816:3	141000
Bogus ASN	0	2001:288:3001:32:f816:3	1000
Bogus ASN	0	2001:288:3001:32:f816:3	1000
Bogus ASN	0	2001:288:3001:32:f816:3	116000
Bogus ASN	0	2001:288:3001:32:f816:3	23000
Bogus ASN	0	2001:288:3001:32:f816:3	94000
Bogus ASN	0	2001:288:3001:32:f816:3	277000
Bogus ASN	0	2001:288:3001:32:f816:3	77000
Bogus ASN	0	2001:288:3001:32:f816:3	56000
Bogus ASN	0	2001:288:3001:32:f816:3	1000
Bogus ASN	0	2001:288:3001:32:f816:3	276000
Bogus ASN	0	2001:288:3001:32:f816:3	20000
Bogus ASN	0	2001:288:3001:32:f816:3	9000
Bogus ASN	0	2001:288:3001:32:f816:3	29000
Bogus ASN	0	2001:288:3001:32:f816:3	6000
Bogus ASN	0	2001:288:3001:32:f816:3	20000
Bogus ASN	0	2001:288:3001:32:f816:3	26000
Bogus ASN	0	2001:288:3001:32:f816:3	5000
Bogus ASN	0	2001:288:3001:32:f816:3	30000
Bogus ASN	0	2001:288:3001:32:f816:3	116000
Bogus ASN	0	2001:288:3001:32:f816:3	160000
Bogus ASN	0	2001:288:3001:32:f816:3	140000
Bogus ASN	0	2001:288:3001:32:f816:3	64000
Bogus ASN	0	2001:288:3001:32:f816:3	19000
Bogus ASN	0	2001:288:3001:32:f816:3	106000
Bogus ASN	0	2001:288:3001:32:f816:3	41000
Bogus ASN	0	2001:288:3001:32:f816:3	27000
Bogus ASN	0	2001:288:3001:32:f816:3	46000
Bogus ASN	0	2001:288:3001:32:f816:3	16000
Bogus ASN	0	2001:288:3001:32:f816:3	3000

Bogus ASN	0	2001:288:3001:32:f816:3	64000
Bogus ASN	0	2001:288:3001:32:f816:3	82000
Bogus ASN	0	2001:288:3001:32:f816:3	74000
Bogus ASN	0	2001:288:3001:32:f816:3	132000
Bogus ASN	0	2001:288:3001:32:f816:3	10000
Bogus ASN	0	2001:288:3001:32:f816:3	19000
Bogus ASN	0	2001:288:3001:32:f816:3	12000
Bogus ASN	0	2001:288:3001:32:f816:3	118000
Bogus ASN	0	2001:288:3001:32:f816:3	31000
Bogus ASN	0	2001:288:3001:32:f816:3	1000
Bogus ASN	0	2001:288:3001:32:f816:3	3000
Bogus ASN	0	2001:288:3001:32:f816:3	21000
Bogus ASN	0	2001:288:3001:32:f816:3	76000
Bogus ASN	0	2001:288:3001:32:f816:3	34000
Bogus ASN	0	2001:288:3001:32:f816:3	89000
Bogus ASN	0	2001:e10:2000:88:74f1:d	1000
Bogus ASN	0	2001:e10:4000:79:21a:64	10000
Bogus ASN	0	202.125.231.27	2000
Bogus ASN	0	202.189.100.173	2000
Bogus ASN	0	202.189.100.221	6000
Bogus ASN	0	202.189.100.94	3000
Bogus ASN	0	202.189.101.29	1000
Bogus ASN	0	202.189.120.141	188000
Bogus ASN	0	202.189.122.136	1000
Bogus ASN	0	202.189.122.137	1000
Bogus ASN	0	202.189.122.212	6000
Bogus ASN	0	202.189.122.227	1000
Bogus ASN	0	202.189.124.41	1000
Bogus ASN	0	202.189.99.187	1000
Bogus ASN	0	202.189.99.219	1000
Bogus ASN	0	202.189.99.248	1000
Bogus ASN	0	202.40.192.242	1000
Bogus ASN	0	202.40.202.14	10000
Bogus ASN	0	202.45.46.219	1000
Bogus ASN	0	202.90.128.36	26000
Bogus ASN	0	202.90.133.235	1000
Bogus ASN	0	202.90.133.89	1000
Bogus ASN	0	202.90.133.90	1000
Bogus ASN	0	202.92.130.193	1000
Bogus ASN	0	202.92.134.5	1000
Bogus ASN	0	202.92.144.250	5000
Bogus ASN	0	202.92.146.136	6000
Bogus ASN	0	203.188.82.145	1000

Bogus ASN	0	23.215.135.23	5000	
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Valid	bnl-11-2017	bnl-12-2017	bnl-01-2018	Total
Packets/Month	24620202000	47161451000	63301514000	135083167000
Address/Month	145	135	140	169
Unroutable	bnl-11-2017	bnl-12-2017	bnl-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	bnl-11-2017	bnl-12-2017	bnl-01-2018	Total
Packets/Month	373000	0	231000	604000
Address/Month	11	0	9	13
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	
Bogus ASN	0	10.224.0.129	6000	
Bogus ASN	0	10.224.0.22	3000	
Bogus ASN	0	10.224.2.38	11000	
Bogus ASN	0	10.224.2.42	222000	
Bogus ASN	0	10.224.2.46	213000	
Bogus ASN	0	10.224.2.58	6000	
Bogus ASN	0	192.16.166.10	2000	
Bogus ASN	0	192.16.166.90	11000	
Bogus ASN	0	198.124.216.10	5000	
Bogus ASN	0	2001:1458:302:15::2	10000	
Bogus ASN	0	fddd:7d33:c9b4:ff::22	39000	
Bogus ASN	0	fddd:7d33:c9b4:ff::26	75000	
Bogus ASN	0	fddd:7d33:c9b4:ff::2e	1000	

Valid	caltech-11-2017	caltech-12-2017	caltech-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	caltech-11-2017	caltech-12-2017	caltech-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	caltech-11-2017	caltech-12-2017	caltech-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	canet-11-2017	canet-12-2017	canet-01-2018	Total
Packets/Month	13949181000	22683868000	13720624000	50353673000
Address/Month	140	137	153	159
Unroutable	canet-11-2017	canet-12-2017	canet-01-2018	Total
Packets/Month	19000	25000	11000	55000
Address/Month	1	1	1	1
Bogus ASN	canet-11-2017	canet-12-2017	canet-01-2018	Total
Packets/Month	1961000	0	1217000	3178000
Address/Month	403	0	397	467
Unroutable	ASN	Unroutable Address	Packet Count	
Unroutable	293	2001:410:101:f20::1	55000	
Bogus ASN	ASN	Bogus ASN	Packet Count	
Bogus ASN	0	10.242.35.39	1000	
Bogus ASN	0	10.242.35.52	1000	
Bogus ASN	0	10.242.35.69	2000	
Bogus ASN	0	10.242.35.72	1000	
Bogus ASN	0	10.242.36.51	1000	
Bogus ASN	0	10.242.36.59	1000	
Bogus ASN	0	10.242.37.11	4000	
Bogus ASN	0	10.242.37.13	1000	
Bogus ASN	0	10.242.37.29	1000	
Bogus ASN	0	10.242.37.37	1000	
Bogus ASN	0	10.242.37.41	1000	
Bogus ASN	0	10.242.37.44	2000	
Bogus ASN	0	10.242.37.59	1000	
Bogus ASN	0	10.242.37.62	1000	
Bogus ASN	0	10.242.37.64	1000	
Bogus ASN	0	10.242.37.66	1000	
Bogus ASN	0	10.242.37.67	2000	
Bogus ASN	0	10.242.48.47	11000	
Bogus ASN	0	128.100.200.198	13000	
Bogus ASN	0	142.90.1.17	3000	
Bogus ASN	0	142.90.1.26	72000	
Bogus ASN	0	172.16.1.10	4000	
Bogus ASN	0	172.16.1.100	9000	
Bogus ASN	0	172.16.1.101	7000	
Bogus ASN	0	172.16.1.102	4000	
Bogus ASN	0	172.16.1.103	8000	
Bogus ASN	0	172.16.1.104	6000	

Bogus ASN	0	172.16.1.105	3000
Bogus ASN	0	172.16.1.106	3000
Bogus ASN	0	172.16.1.107	5000
Bogus ASN	0	172.16.1.108	2000
Bogus ASN	0	172.16.1.109	2000
Bogus ASN	0	172.16.1.11	6000
Bogus ASN	0	172.16.1.110	6000
Bogus ASN	0	172.16.1.111	5000
Bogus ASN	0	172.16.1.112	9000
Bogus ASN	0	172.16.1.113	6000
Bogus ASN	0	172.16.1.114	12000
Bogus ASN	0	172.16.1.116	9000
Bogus ASN	0	172.16.1.117	6000
Bogus ASN	0	172.16.1.118	6000
Bogus ASN	0	172.16.1.119	8000
Bogus ASN	0	172.16.1.12	4000
Bogus ASN	0	172.16.1.120	12000
Bogus ASN	0	172.16.1.121	2000
Bogus ASN	0	172.16.1.122	4000
Bogus ASN	0	172.16.1.123	7000
Bogus ASN	0	172.16.1.124	8000
Bogus ASN	0	172.16.1.125	12000
Bogus ASN	0	172.16.1.127	7000
Bogus ASN	0	172.16.1.128	10000
Bogus ASN	0	172.16.1.129	9000
Bogus ASN	0	172.16.1.13	8000
Bogus ASN	0	172.16.1.130	3000
Bogus ASN	0	172.16.1.131	4000
Bogus ASN	0	172.16.1.132	6000
Bogus ASN	0	172.16.1.133	6000
Bogus ASN	0	172.16.1.134	6000
Bogus ASN	0	172.16.1.135	12000
Bogus ASN	0	172.16.1.137	5000
Bogus ASN	0	172.16.1.138	14000
Bogus ASN	0	172.16.1.139	3000
Bogus ASN	0	172.16.1.14	3000
Bogus ASN	0	172.16.1.140	8000
Bogus ASN	0	172.16.1.141	11000
Bogus ASN	0	172.16.1.142	7000
Bogus ASN	0	172.16.1.144	5000
Bogus ASN	0	172.16.1.145	2000
Bogus ASN	0	172.16.1.146	8000
Bogus ASN	0	172.16.1.147	11000

Bogus ASN	0	172.16.1.149	3000
Bogus ASN	0	172.16.1.15	7000
Bogus ASN	0	172.16.1.150	4000
Bogus ASN	0	172.16.1.151	5000
Bogus ASN	0	172.16.1.152	9000
Bogus ASN	0	172.16.1.153	9000
Bogus ASN	0	172.16.1.154	2000
Bogus ASN	0	172.16.1.155	5000
Bogus ASN	0	172.16.1.156	7000
Bogus ASN	0	172.16.1.16	6000
Bogus ASN	0	172.16.1.18	10000
Bogus ASN	0	172.16.1.19	9000
Bogus ASN	0	172.16.1.2	6000
Bogus ASN	0	172.16.1.21	8000
Bogus ASN	0	172.16.1.22	12000
Bogus ASN	0	172.16.1.23	4000
Bogus ASN	0	172.16.1.24	10000
Bogus ASN	0	172.16.1.25	9000
Bogus ASN	0	172.16.1.26	9000
Bogus ASN	0	172.16.1.27	6000
Bogus ASN	0	172.16.1.28	2000
Bogus ASN	0	172.16.1.29	4000
Bogus ASN	0	172.16.1.3	11000
Bogus ASN	0	172.16.1.30	5000
Bogus ASN	0	172.16.1.31	4000
Bogus ASN	0	172.16.1.32	8000
Bogus ASN	0	172.16.1.33	8000
Bogus ASN	0	172.16.1.34	12000
Bogus ASN	0	172.16.1.35	5000
Bogus ASN	0	172.16.1.36	6000
Bogus ASN	0	172.16.1.37	15000
Bogus ASN	0	172.16.1.38	3000
Bogus ASN	0	172.16.1.39	3000
Bogus ASN	0	172.16.1.4	6000
Bogus ASN	0	172.16.1.40	3000
Bogus ASN	0	172.16.1.41	6000
Bogus ASN	0	172.16.1.42	8000
Bogus ASN	0	172.16.1.43	6000
Bogus ASN	0	172.16.1.44	4000
Bogus ASN	0	172.16.1.45	7000
Bogus ASN	0	172.16.1.46	7000
Bogus ASN	0	172.16.1.47	6000
Bogus ASN	0	172.16.1.48	7000

Bogus ASN	0	172.16.1.49	7000
Bogus ASN	0	172.16.1.5	2000
Bogus ASN	0	172.16.1.50	8000
Bogus ASN	0	172.16.1.51	10000
Bogus ASN	0	172.16.1.52	9000
Bogus ASN	0	172.16.1.53	7000
Bogus ASN	0	172.16.1.54	8000
Bogus ASN	0	172.16.1.55	6000
Bogus ASN	0	172.16.1.56	3000
Bogus ASN	0	172.16.1.57	6000
Bogus ASN	0	172.16.1.58	7000
Bogus ASN	0	172.16.1.59	8000
Bogus ASN	0	172.16.1.60	7000
Bogus ASN	0	172.16.1.61	6000
Bogus ASN	0	172.16.1.62	7000
Bogus ASN	0	172.16.1.63	6000
Bogus ASN	0	172.16.1.64	7000
Bogus ASN	0	172.16.1.65	3000
Bogus ASN	0	172.16.1.66	9000
Bogus ASN	0	172.16.1.67	4000
Bogus ASN	0	172.16.1.68	9000
Bogus ASN	0	172.16.1.69	5000
Bogus ASN	0	172.16.1.7	6000
Bogus ASN	0	172.16.1.70	16000
Bogus ASN	0	172.16.1.71	13000
Bogus ASN	0	172.16.1.72	5000
Bogus ASN	0	172.16.1.73	7000
Bogus ASN	0	172.16.1.74	5000
Bogus ASN	0	172.16.1.75	9000
Bogus ASN	0	172.16.1.76	5000
Bogus ASN	0	172.16.1.77	13000
Bogus ASN	0	172.16.1.78	4000
Bogus ASN	0	172.16.1.79	5000
Bogus ASN	0	172.16.1.8	1000
Bogus ASN	0	172.16.1.80	9000
Bogus ASN	0	172.16.1.81	4000
Bogus ASN	0	172.16.1.82	7000
Bogus ASN	0	172.16.1.84	10000
Bogus ASN	0	172.16.1.85	7000
Bogus ASN	0	172.16.1.86	8000
Bogus ASN	0	172.16.1.87	2000
Bogus ASN	0	172.16.1.88	6000
Bogus ASN	0	172.16.1.89	11000

Bogus ASN	0	172.16.1.9	5000
Bogus ASN	0	172.16.1.90	7000
Bogus ASN	0	172.16.1.91	5000
Bogus ASN	0	172.16.1.92	6000
Bogus ASN	0	172.16.1.93	4000
Bogus ASN	0	172.16.1.94	7000
Bogus ASN	0	172.16.1.95	4000
Bogus ASN	0	172.16.1.97	11000
Bogus ASN	0	172.16.1.98	8000
Bogus ASN	0	172.16.1.99	5000
Bogus ASN	0	172.16.136.119	1000
Bogus ASN	0	172.16.136.143	1000
Bogus ASN	0	172.16.136.185	1000
Bogus ASN	0	172.16.136.189	1000
Bogus ASN	0	172.16.136.191	1000
Bogus ASN	0	172.16.136.212	1000
Bogus ASN	0	172.16.136.213	1000
Bogus ASN	0	172.16.136.216	1000
Bogus ASN	0	172.16.136.220	1000
Bogus ASN	0	172.16.136.221	1000
Bogus ASN	0	172.16.136.222	1000
Bogus ASN	0	172.16.136.232	1000
Bogus ASN	0	172.16.136.233	2000
Bogus ASN	0	172.16.136.237	3000
Bogus ASN	0	172.16.136.45	2000
Bogus ASN	0	172.16.136.60	1000
Bogus ASN	0	172.16.136.73	1000
Bogus ASN	0	172.16.136.86	1000
Bogus ASN	0	172.16.137.10	1000
Bogus ASN	0	172.16.137.17	1000
Bogus ASN	0	172.16.137.19	1000
Bogus ASN	0	172.16.137.20	1000
Bogus ASN	0	172.16.137.27	1000
Bogus ASN	0	172.16.137.29	1000
Bogus ASN	0	172.16.137.31	1000
Bogus ASN	0	172.16.137.5	1000
Bogus ASN	0	172.16.138.142	1000
Bogus ASN	0	172.16.138.205	1000
Bogus ASN	0	172.16.138.53	1000
Bogus ASN	0	172.16.139.102	1000
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Bogus ASN	0	172.16.2.10	5000
Bogus ASN	0	172.16.2.100	4000
Bogus ASN	0	172.16.2.101	6000
Bogus ASN	0	172.16.2.102	5000
Bogus ASN	0	172.16.2.103	6000
Bogus ASN	0	172.16.2.104	2000
Bogus ASN	0	172.16.2.105	5000
Bogus ASN	0	172.16.2.106	5000
Bogus ASN	0	172.16.2.107	2000
Bogus ASN	0	172.16.2.108	8000
Bogus ASN	0	172.16.2.109	10000
Bogus ASN	0	172.16.2.11	8000
Bogus ASN	0	172.16.2.110	3000
Bogus ASN	0	172.16.2.111	3000
Bogus ASN	0	172.16.2.112	5000
Bogus ASN	0	172.16.2.113	2000
Bogus ASN	0	172.16.2.114	4000
Bogus ASN	0	172.16.2.115	7000
Bogus ASN	0	172.16.2.117	4000
Bogus ASN	0	172.16.2.118	3000
Bogus ASN	0	172.16.2.119	5000
Bogus ASN	0	172.16.2.12	7000
Bogus ASN	0	172.16.2.120	4000
Bogus ASN	0	172.16.2.121	7000
Bogus ASN	0	172.16.2.122	4000
Bogus ASN	0	172.16.2.123	7000
Bogus ASN	0	172.16.2.124	9000
Bogus ASN	0	172.16.2.125	3000
Bogus ASN	0	172.16.2.126	11000
Bogus ASN	0	172.16.2.127	2000
Bogus ASN	0	172.16.2.128	4000
Bogus ASN	0	172.16.2.129	7000
Bogus ASN	0	172.16.2.13	1000
Bogus ASN	0	172.16.2.131	8000
Bogus ASN	0	172.16.2.132	6000
Bogus ASN	0	172.16.2.133	1000
Bogus ASN	0	172.16.2.134	3000
Bogus ASN	0	172.16.2.135	5000
Bogus ASN	0	172.16.2.136	4000
Bogus ASN	0	172.16.2.137	3000
Bogus ASN	0	172.16.2.138	6000
Bogus ASN	0	172.16.2.139	5000
Bogus ASN	0	172.16.2.14	6000

Bogus ASN	0	172.16.2.140	6000
Bogus ASN	0	172.16.2.141	5000
Bogus ASN	0	172.16.2.142	6000
Bogus ASN	0	172.16.2.143	3000
Bogus ASN	0	172.16.2.144	7000
Bogus ASN	0	172.16.2.145	4000
Bogus ASN	0	172.16.2.147	8000
Bogus ASN	0	172.16.2.148	8000
Bogus ASN	0	172.16.2.149	12000
Bogus ASN	0	172.16.2.150	4000
Bogus ASN	0	172.16.2.151	7000
Bogus ASN	0	172.16.2.152	4000
Bogus ASN	0	172.16.2.153	8000
Bogus ASN	0	172.16.2.154	8000
Bogus ASN	0	172.16.2.155	6000
Bogus ASN	0	172.16.2.156	8000
Bogus ASN	0	172.16.2.157	3000
Bogus ASN	0	172.16.2.158	8000
Bogus ASN	0	172.16.2.159	8000
Bogus ASN	0	172.16.2.16	6000
Bogus ASN	0	172.16.2.160	1000
Bogus ASN	0	172.16.2.161	6000
Bogus ASN	0	172.16.2.162	3000
Bogus ASN	0	172.16.2.163	8000
Bogus ASN	0	172.16.2.164	6000
Bogus ASN	0	172.16.2.165	3000
Bogus ASN	0	172.16.2.166	9000
Bogus ASN	0	172.16.2.168	7000
Bogus ASN	0	172.16.2.169	4000
Bogus ASN	0	172.16.2.17	2000
Bogus ASN	0	172.16.2.170	2000
Bogus ASN	0	172.16.2.171	7000
Bogus ASN	0	172.16.2.172	3000
Bogus ASN	0	172.16.2.173	9000
Bogus ASN	0	172.16.2.174	2000
Bogus ASN	0	172.16.2.175	9000
Bogus ASN	0	172.16.2.176	7000
Bogus ASN	0	172.16.2.177	7000
Bogus ASN	0	172.16.2.178	2000
Bogus ASN	0	172.16.2.179	4000
Bogus ASN	0	172.16.2.18	5000
Bogus ASN	0	172.16.2.180	9000
Bogus ASN	0	172.16.2.181	5000

Bogus ASN	0	172.16.2.182	9000
Bogus ASN	0	172.16.2.183	9000
Bogus ASN	0	172.16.2.184	5000
Bogus ASN	0	172.16.2.185	2000
Bogus ASN	0	172.16.2.186	7000
Bogus ASN	0	172.16.2.187	12000
Bogus ASN	0	172.16.2.188	7000
Bogus ASN	0	172.16.2.19	5000
Bogus ASN	0	172.16.2.190	8000
Bogus ASN	0	172.16.2.191	4000
Bogus ASN	0	172.16.2.192	6000
Bogus ASN	0	172.16.2.193	12000
Bogus ASN	0	172.16.2.194	12000
Bogus ASN	0	172.16.2.195	9000
Bogus ASN	0	172.16.2.196	2000
Bogus ASN	0	172.16.2.197	5000
Bogus ASN	0	172.16.2.198	11000
Bogus ASN	0	172.16.2.199	9000
Bogus ASN	0	172.16.2.2	4000
Bogus ASN	0	172.16.2.20	7000
Bogus ASN	0	172.16.2.200	6000
Bogus ASN	0	172.16.2.201	9000
Bogus ASN	0	172.16.2.202	6000
Bogus ASN	0	172.16.2.203	4000
Bogus ASN	0	172.16.2.205	15000
Bogus ASN	0	172.16.2.206	8000
Bogus ASN	0	172.16.2.207	7000
Bogus ASN	0	172.16.2.208	6000
Bogus ASN	0	172.16.2.209	7000
Bogus ASN	0	172.16.2.21	10000
Bogus ASN	0	172.16.2.210	2000
Bogus ASN	0	172.16.2.211	4000
Bogus ASN	0	172.16.2.212	9000
Bogus ASN	0	172.16.2.213	7000
Bogus ASN	0	172.16.2.214	8000
Bogus ASN	0	172.16.2.215	7000
Bogus ASN	0	172.16.2.216	5000
Bogus ASN	0	172.16.2.217	5000
Bogus ASN	0	172.16.2.218	8000
Bogus ASN	0	172.16.2.219	3000
Bogus ASN	0	172.16.2.22	10000
Bogus ASN	0	172.16.2.220	5000
Bogus ASN	0	172.16.2.221	3000

Bogus ASN	0	172.16.2.222	5000
Bogus ASN	0	172.16.2.223	1000
Bogus ASN	0	172.16.2.224	6000
Bogus ASN	0	172.16.2.225	5000
Bogus ASN	0	172.16.2.226	7000
Bogus ASN	0	172.16.2.227	2000
Bogus ASN	0	172.16.2.228	8000
Bogus ASN	0	172.16.2.229	8000
Bogus ASN	0	172.16.2.23	7000
Bogus ASN	0	172.16.2.230	5000
Bogus ASN	0	172.16.2.231	6000
Bogus ASN	0	172.16.2.232	7000
Bogus ASN	0	172.16.2.233	1000
Bogus ASN	0	172.16.2.234	6000
Bogus ASN	0	172.16.2.235	8000
Bogus ASN	0	172.16.2.236	5000
Bogus ASN	0	172.16.2.237	2000
Bogus ASN	0	172.16.2.238	6000
Bogus ASN	0	172.16.2.239	3000
Bogus ASN	0	172.16.2.24	6000
Bogus ASN	0	172.16.2.240	3000
Bogus ASN	0	172.16.2.241	12000
Bogus ASN	0	172.16.2.245	4000
Bogus ASN	0	172.16.2.246	9000
Bogus ASN	0	172.16.2.247	6000
Bogus ASN	0	172.16.2.25	7000
Bogus ASN	0	172.16.2.251	2000
Bogus ASN	0	172.16.2.252	3000
Bogus ASN	0	172.16.2.253	2000
Bogus ASN	0	172.16.2.26	4000
Bogus ASN	0	172.16.2.27	4000
Bogus ASN	0	172.16.2.28	6000
Bogus ASN	0	172.16.2.29	7000
Bogus ASN	0	172.16.2.3	10000
Bogus ASN	0	172.16.2.30	4000
Bogus ASN	0	172.16.2.31	4000
Bogus ASN	0	172.16.2.32	4000
Bogus ASN	0	172.16.2.33	6000
Bogus ASN	0	172.16.2.34	4000
Bogus ASN	0	172.16.2.35	8000
Bogus ASN	0	172.16.2.36	3000
Bogus ASN	0	172.16.2.37	5000
Bogus ASN	0	172.16.2.38	5000

Bogus ASN	0	172.16.2.39	3000
Bogus ASN	0	172.16.2.4	8000
Bogus ASN	0	172.16.2.40	3000
Bogus ASN	0	172.16.2.41	2000
Bogus ASN	0	172.16.2.42	9000
Bogus ASN	0	172.16.2.43	5000
Bogus ASN	0	172.16.2.44	5000
Bogus ASN	0	172.16.2.45	6000
Bogus ASN	0	172.16.2.46	5000
Bogus ASN	0	172.16.2.47	2000
Bogus ASN	0	172.16.2.48	6000
Bogus ASN	0	172.16.2.49	6000
Bogus ASN	0	172.16.2.5	3000
Bogus ASN	0	172.16.2.50	6000
Bogus ASN	0	172.16.2.51	7000
Bogus ASN	0	172.16.2.52	5000
Bogus ASN	0	172.16.2.53	3000
Bogus ASN	0	172.16.2.54	4000
Bogus ASN	0	172.16.2.55	3000
Bogus ASN	0	172.16.2.56	3000
Bogus ASN	0	172.16.2.57	6000
Bogus ASN	0	172.16.2.58	5000
Bogus ASN	0	172.16.2.59	7000
Bogus ASN	0	172.16.2.6	6000
Bogus ASN	0	172.16.2.60	7000
Bogus ASN	0	172.16.2.61	3000
Bogus ASN	0	172.16.2.62	8000
Bogus ASN	0	172.16.2.63	7000
Bogus ASN	0	172.16.2.64	3000
Bogus ASN	0	172.16.2.65	6000
Bogus ASN	0	172.16.2.66	6000
Bogus ASN	0	172.16.2.67	4000
Bogus ASN	0	172.16.2.68	7000
Bogus ASN	0	172.16.2.69	2000
Bogus ASN	0	172.16.2.7	6000
Bogus ASN	0	172.16.2.70	8000
Bogus ASN	0	172.16.2.71	1000
Bogus ASN	0	172.16.2.72	4000
Bogus ASN	0	172.16.2.73	5000
Bogus ASN	0	172.16.2.74	4000
Bogus ASN	0	172.16.2.75	5000
Bogus ASN	0	172.16.2.76	7000
Bogus ASN	0	172.16.2.77	6000

Bogus ASN	0	172.16.2.78	4000
Bogus ASN	0	172.16.2.79	8000
Bogus ASN	0	172.16.2.8	6000
Bogus ASN	0	172.16.2.80	7000
Bogus ASN	0	172.16.2.81	3000
Bogus ASN	0	172.16.2.82	8000
Bogus ASN	0	172.16.2.83	6000
Bogus ASN	0	172.16.2.84	7000
Bogus ASN	0	172.16.2.85	6000
Bogus ASN	0	172.16.2.86	5000
Bogus ASN	0	172.16.2.87	6000
Bogus ASN	0	172.16.2.88	1000
Bogus ASN	0	172.16.2.89	6000
Bogus ASN	0	172.16.2.9	8000
Bogus ASN	0	172.16.2.90	4000
Bogus ASN	0	172.16.2.91	2000
Bogus ASN	0	172.16.2.92	4000
Bogus ASN	0	172.16.2.93	4000
Bogus ASN	0	172.16.2.94	15000
Bogus ASN	0	172.16.2.95	4000
Bogus ASN	0	172.16.2.96	8000
Bogus ASN	0	172.16.2.97	3000
Bogus ASN	0	172.16.2.98	7000
Bogus ASN	0	172.16.2.99	6000
Bogus ASN	0	192.168.3.20	1000
Bogus ASN	0	199.241.164.207	10000
Bogus ASN	0	2001:1458:302:18::2	1000
Bogus ASN	0	2001:1458:302:2f::2	3000
Bogus ASN	0	2001:410:101:12::1	13000
Bogus ASN	0	2001:410:101:12::2	37000
Bogus ASN	0	2001:410:101:18::2	12000
Bogus ASN	0	2001:410:101:c::2	8000
Bogus ASN	0	2001:410:101:f00::2	27000
Bogus ASN	0	205.189.32.115	34000
Bogus ASN	0	205.189.32.166	1000
Bogus ASN	0	205.189.32.174	19000
Bogus ASN	0	205.189.32.175	29000
Bogus ASN	0	205.189.32.176	25000
Bogus ASN	0	205.189.32.177	29000
Bogus ASN	0	205.189.32.180	41000
Bogus ASN	0	205.189.32.181	24000
Bogus ASN	0	205.189.32.183	43000
Bogus ASN	0	205.189.32.192	22000

Bogus ASN	0	205.189.32.193	25000
Bogus ASN	0	205.189.32.198	33000
Bogus ASN	0	205.189.32.199	77000
Bogus ASN	0	206.12.9.102	23000
Bogus ASN	0	206.12.9.113	11000
Bogus ASN	0	206.12.9.85	56000
Bogus ASN	0	206.12.9.89	8000
Bogus ASN	0	206.12.9.94	12000
Bogus ASN	0	206.12.9.97	15000
Bogus ASN	0	2607:f8f0:660:206::2	66000

Valid	cernlight-11-2017	cernlight-12-2017	cernlight-01-2018	Total
Packets/Month	88103000	350279000	216304000	654686000
Address/Month	321	492	379	688
Unroutable	cernlight-11-2017	cernlight-12-2017	cernlight-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	cernlight-11-2017	cernlight-12-2017	cernlight-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	duke-11-2017	duke-12-2017	duke-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	duke-11-2017	duke-12-2017	duke-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	duke-11-2017	duke-12-2017	duke-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	fnal-11-2017	fnal-12-2017	fnal-01-2018	Total
Packets/Month	45333467000	64120971000	109192320000	218646758000
Address/Month	1098	1100	1117	1139
Unroutable	fnal-11-2017	fnal-12-2017	fnal-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	fnal-11-2017	fnal-12-2017	fnal-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	geant-11-2017	geant-12-2017	geant-01-2018	Total
Packets/Month	205273898000	271444157000	221376778000	698094833000
Address/Month	7435	6718	7353	8693
Unroutable	geant-11-2017	geant-12-2017	geant-01-2018	Total
Packets/Month	1704993000	1579641000	2233135000	5517769000
Address/Month	3	34	6	36
Bogus ASN	geant-11-2017	geant-12-2017	geant-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Unroutable	293	2001:1458:301:4d::100:41	1000	
Unroutable	293	2001:660:302c:23:134:158:132:200	2000	
Unroutable	293	2001:660:3031:110:20::13	1000	
Unroutable	293	2001:660:3031:110:20::20	1000	
Unroutable	293	2001:660:3031:110:20::23	1000	
Unroutable	293	2001:660:3031:110:20::24	1000	
Unroutable	293	2001:660:3031:110:20::28	1000	
Unroutable	293	2001:660:3031:110:20::48	1000	
Unroutable	293	2001:660:3031:110:20::51	1000	
Unroutable	293	2001:660:3031:110:20::52	1000	
Unroutable	293	2001:660:3031:110:20::53	1000	
Unroutable	293	2001:660:3031:110:4::112	1000	
Unroutable	293	2001:660:3031:110:ffff::221	2000	
Unroutable	293	2001:660:3031:110:ffff::222	4000	
Unroutable	293	2001:660:3036:197:134:158:159:85	2000	
Unroutable	293	2001:660:5009:9:193:48:99:76	1000	
Unroutable	293	2001:798:111:1::2	1000	
Unroutable	293	2001:798:111:1::25	51000	
Unroutable	293	2001:798:111:1::29	463000	
Unroutable	293	2001:798:111:1::2d	169000	
Unroutable	293	2607:f8f0:660:2::2	62000	
Unroutable	293	2a00:1398:10a:4102::12	11000	
Unroutable	293	2a00:8a60:1030:a00::863d:1a32	1000	
Unroutable	293	2a00:8a60:1030:a00::863d:1a39	2000	
Unroutable	293	2a00:8a60:1030:a00::863d:1a50	1000	
Unroutable	293	2a00:8a60:1030:a00::863d:1bf	4000	
Unroutable	293	2a00:fc00:e009::211	6000	
Unroutable	293	2a05:81c5:301:228::e493	8000	
Unroutable	293	2a05:81c5:301:228::e4a7	3000	
Unroutable	293	2a05:81c5:301:228::e4d6	1000	
Unroutable	293	2a05:81c5:301:228::e536	11000	
Unroutable	293	2a05:81c5:301:228::e547	6000	
Unroutable	293	2a05:81c5:301:228::e596	10000	
Unroutable	293	2a05:81c5:301:228::e597	3000	
Unroutable	766	192.101.166.234	5516944000	
Unroutable	789	2001:660:3036:197:134:158:159:85	1000	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	in-gpop-11-2017	in-gpop-12-2017	in-gpop-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	in-gpop-11-2017	in-gpop-12-2017	in-gpop-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	in-gpop-11-2017	in-gpop-12-2017	in-gpop-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	internet2-11-2017	internet2-12-2017	internet2-01-2018	Total
Packets/Month	196163187000	219835992000	158804983000	574804162000
Address/Month	693	697	842	956
Unroutable	internet2-11-2017	internet2-12-2017	internet2-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	internet2-11-2017	internet2-12-2017	internet2-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	kiae-11-2017	kiae-12-2017	kiae-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	kiae-11-2017	kiae-12-2017	kiae-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	kiae-11-2017	kiae-12-2017	kiae-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	kreonet-11-2017	kreonet-12-2017	kreonet-01-2018	Total
Packets/Month	356819000	925218000	1485802000	2767839000
Address/Month	150	150	151	151
Unroutable	kreonet-11-2017	kreonet-12-2017	kreonet-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	kreonet-11-2017	kreonet-12-2017	kreonet-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	lhcone_cern-11-2017	lhcone_cern-12-2017	lhcone_cern-01-2018	Total
Packets/Month	18951576000	19563237000	22558023000	61072836000
Address/Month	16878	17788	18707	20988
Unroutable	lhcone_cern-11-2017	lhcone_cern-12-2017	lhcone_cern-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	1	0	0	1
Bogus ASN	lhcone_cern-11-2017	lhcone_cern-12-2017	lhcone_cern-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Unroutable	293	2001:1458:301:bb::100:52	1000	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	lhcone_ornl-11-2017	lhcone_ornl-12-2017	lhcone_ornl-01-2018	Total
Packets/Month	38000	0	0	38000
Address/Month	4	0	0	4
Unroutable	lhcone_ornl-11-2017	lhcone_ornl-12-2017	lhcone_ornl-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	lhcone_ornl-11-2017	lhcone_ornl-12-2017	lhcone_ornl-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	mit_v4-11-2017	mit_v4-12-2017	mit_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	mit_v4-11-2017	mit_v4-12-2017	mit_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	mit_v4-11-2017	mit_v4-12-2017	mit_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	net2_v4-11-2017	net2_v4-12-2017	net2_v4-01-2018	Total
Packets/Month	3158890000	0	0	3158890000
Address/Month	23	0	0	23
Unroutable	net2_v4-11-2017	net2_v4-12-2017	net2_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	net2_v4-11-2017	net2_v4-12-2017	net2_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	nordunet-11-2017	nordunet-12-2017	nordunet-01-2018	Total
Packets/Month	15255720000	27720013000	31827956000	74803689000
Address/Month	718	1068	1105	1125
Unroutable	nordunet-11-2017	nordunet-12-2017	nordunet-01-2018	Total
Packets/Month	180000	151000	114000	445000
Address/Month	2	2	2	2
Bogus ASN	nordunet-11-2017	nordunet-12-2017	nordunet-01-2018	Total
Packets/Month	0	0	295000	295000
Address/Month	0	0	19	19
Unroutable	ASN	Unroutable Address	Packet Count	
Unroutable	293	109.105.99.156	340000	
Unroutable	293	2001:948:9:3::2	105000	
Bogus ASN	ASN	Bogus ASN	Packet Count	
Bogus ASN	0	109.105.102.117	23000	
Bogus ASN	0	109.105.97.132	17000	
Bogus ASN	0	109.105.97.50	56000	
Bogus ASN	0	109.105.97.56	19000	
Bogus ASN	0	109.105.97.90	30000	
Bogus ASN	0	109.105.97.94	37000	
Bogus ASN	0	144.206.254.42	2000	
Bogus ASN	0	159.93.0.1	6000	
Bogus ASN	0	159.93.0.5	6000	
Bogus ASN	0	159.93.0.6	3000	
Bogus ASN	0	159.93.160.241	7000	
Bogus ASN	0	159.93.160.243	34000	
Bogus ASN	0	159.93.160.244	7000	
Bogus ASN	0	172.20.89.240	1000	
Bogus ASN	0	193.124.224.35	1000	
Bogus ASN	0	2001:948:1:12::1e	11000	
Bogus ASN	0	2001:948:1:12::20	8000	
Bogus ASN	0	2001:948:1:29::2	10000	
Bogus ASN	0	2001:948:3:f::1	17000	

Valid	ou_v4-11-2017	ou_v4-12-2017	ou_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ou_v4-11-2017	ou_v4-12-2017	ou_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	ou_v4-11-2017	ou_v4-12-2017	ou_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	pnnl_v4-11-2017	pnnl_v4-12-2017	pnnl_v4-01-2018	Total
Packets/Month	3276490000	2609273000	1343856000	7229619000
Address/Month	30	28	32	35
Unroutable	pnnl_v4-11-2017	pnnl_v4-12-2017	pnnl_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	pnnl_v4-11-2017	pnnl_v4-12-2017	pnnl_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	rnp_v4v6-11-2017	rnp_v4v6-12-2017	rnp_v4v6-01-2018	Total
Packets/Month	4234772000	4204861000	2182354000	10621987000
Address/Month	144	143	144	147
Unroutable	rnp_v4v6-11-2017	rnp_v4v6-12-2017	rnp_v4v6-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	rnp_v4v6-11-2017	rnp_v4v6-12-2017	rnp_v4v6-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	sinet-11-2017	sinet-12-2017	sinet-01-2018	Total
Packets/Month	11975537000	11948168000	5701331000	29625036000
Address/Month	242	109	253	319
Unroutable	sinet-11-2017	sinet-12-2017	sinet-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	sinet-11-2017	sinet-12-2017	sinet-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	slac-11-2017	slac-12-2017	slac-01-2018	Total
Packets/Month	7666347000	11418952000	15328291000	34413590000
Address/Month	752	476	829	939
Unroutable	slac-11-2017	slac-12-2017	slac-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	slac-11-2017	slac-12-2017	slac-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	tacc_v4-11-2017	tacc_v4-12-2017	tacc_v4-01-2018	Total
Packets/Month	82000	150000	139000	371000
Address/Month	3	2	2	3
Unroutable	tacc_v4-11-2017	tacc_v4-12-2017	tacc_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	tacc_v4-11-2017	tacc_v4-12-2017	tacc_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	uchicago-11-2017	uchicago-12-2017	uchicago-01-2018	Total
Packets/Month	28245303000	38535760000	34475661000	101256724000
Address/Month	412	419	400	431
Unroutable	uchicago-11-2017	uchicago-12-2017	uchicago-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	uchicago-11-2017	uchicago-12-2017	uchicago-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	ucsb_v4-11-2017	ucsb_v4-12-2017	ucsb_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ucsb_v4-11-2017	ucsb_v4-12-2017	ucsb_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	ucsb_v4-11-2017	ucsb_v4-12-2017	ucsb_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	ucsd-11-2017	ucsd-12-2017	ucsd-01-2018	Total
Packets/Month	130552898000	55905864000	73492014000	259950776000
Address/Month	309	309	299	322
Unroutable	ucsd-11-2017	ucsd-12-2017	ucsd-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	ucsd-11-2017	ucsd-12-2017	ucsd-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	ufl-11-2017	ufl-12-2017	ufl-01-2018	Total
Packets/Month	117309007000	99672746000	122859533000	339841286000
Address/Month	612	710	760	773
Unroutable	ufl-11-2017	ufl-12-2017	ufl-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	ufl-11-2017	ufl-12-2017	ufl-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	uiuc-11-2017	uiuc-12-2017	uiuc-01-2018	Total
Packets/Month	4519292000	4285614000	5992735000	14797641000
Address/Month	150	148	153	154
Unroutable	uiuc-11-2017	uiuc-12-2017	uiuc-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	uiuc-11-2017	uiuc-12-2017	uiuc-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	unl-11-2017	unl-12-2017	unl-01-2018	Total
Packets/Month	94983212000	144681510000	100734865000	340399587000
Address/Month	362	385	394	402
Unroutable	unl-11-2017	unl-12-2017	unl-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	unl-11-2017	unl-12-2017	unl-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	uta_v4-11-2017	uta_v4-12-2017	uta_v4-01-2018	Total
Packets/Month	36786519000	48871521000	23262424000	108920464000
Address/Month	22	23	24	25
Unroutable	uta_v4-11-2017	uta_v4-12-2017	uta_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	uta_v4-11-2017	uta_v4-12-2017	uta_v4-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	

Valid	uwmadison-11-2017	uwmadison-12-2017	uwmadison-01-2018	Total
Packets/Month	152835304000	168295169000	143784378000	464914851000
Address/Month	813	862	856	875
Unroutable	uwmadison-11-2017	uwmadison-12-2017	uwmadison-01-2018	Total
Packets/Month	512000	82000	37000	631000
Address/Month	107	35	18	138
Bogus ASN	uwmadison-11-2017	uwmadison-12-2017	uwmadison-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Unroutable	293	2607:f388:101c:1000::152	1000	
Unroutable	293	2607:f388:101c:1000::157	1000	
Unroutable	293	2607:f388:101c:1000::159	4000	
Unroutable	293	2607:f388:101c:1000::160	1000	
Unroutable	293	2607:f388:101c:1000::176	1000	
Unroutable	293	2607:f388:101c:1000::182	1000	
Unroutable	293	2607:f388:101c:1000::191	8000	
Unroutable	293	2607:f388:101c:1000::194	1000	
Unroutable	293	2607:f388:101c:1000::204	4000	
Unroutable	293	2607:f388:101c:1000::224	2000	
Unroutable	293	2607:f388:101c:1000::230	1000	
Unroutable	293	2607:f388:101c:1000::233	1000	
Unroutable	293	2607:f388:101c:1000::234	13000	
Unroutable	293	2607:f388:101c:1000::235	1000	
Unroutable	293	2607:f388:101c:1000::236	1000	
Unroutable	293	2607:f388:101c:1000::237	1000	
Unroutable	293	2607:f388:101c:1000::238	16000	
Unroutable	293	2607:f388:101c:1000::239	1000	
Unroutable	293	2607:f388:101c:1000::240	1000	
Unroutable	293	2607:f388:101c:1000::241	1000	
Unroutable	293	2607:f388:101c:1000::242	1000	
Unroutable	293	2607:f388:101c:1000::245	1000	
Unroutable	293	2607:f388:101c:1000::246	1000	
Unroutable	293	2607:f388:101c:1000::247	3000	
Unroutable	293	2607:f388:101c:1000::248	9000	
Unroutable	293	2607:f388:101c:1000::252	3000	
Unroutable	293	2607:f388:101c:1000::254	1000	
Unroutable	293	2607:f388:101c:1000::263	13000	
Unroutable	293	2607:f388:101c:1000::266	1000	
Unroutable	293	2607:f388:101c:1000::267	3000	
Unroutable	293	2607:f388:101c:1000::270	6000	
Unroutable	293	2607:f388:101c:1000::275	1000	
Unroutable	293	2607:f388:101c:1000::277	3000	
Unroutable	293	2607:f388:101c:1000::280	3000	

Unroutable	293	2607:f388:101c:1000::281	2000
Unroutable	293	2607:f388:101c:1000::283	14000
Unroutable	293	2607:f388:101c:1000::284	7000
Unroutable	293	2607:f388:101c:1000::285	19000
Unroutable	293	2607:f388:101c:1000::286	1000
Unroutable	293	2607:f388:101c:1000::287	1000
Unroutable	293	2607:f388:101c:1000::291	5000
Unroutable	293	2607:f388:101c:1000::292	2000
Unroutable	293	2607:f388:101c:1000::293	15000
Unroutable	293	2607:f388:101c:1000::294	2000
Unroutable	293	2607:f388:101c:1000::296	8000
Unroutable	293	2607:f388:101c:1000::297	4000
Unroutable	293	2607:f388:101c:1000::298	4000
Unroutable	293	2607:f388:101c:1000::299	25000
Unroutable	293	2607:f388:101c:1000::302	1000
Unroutable	293	2607:f388:101c:1000::307	1000
Unroutable	293	2607:f388:101c:1000::309	1000
Unroutable	293	2607:f388:101c:1000::311	17000
Unroutable	293	2607:f388:101c:1000::314	3000
Unroutable	293	2607:f388:101c:1000::316	2000
Unroutable	293	2607:f388:101c:1000::317	2000
Unroutable	293	2607:f388:101c:1000::318	9000
Unroutable	293	2607:f388:101c:1000::325	1000
Unroutable	293	2607:f388:101c:1000::328	23000
Unroutable	293	2607:f388:101c:1000::331	1000
Unroutable	293	2607:f388:101c:1000::346	1000
Unroutable	293	2607:f388:101c:1000::348	1000
Unroutable	293	2607:f388:101c:1000::349	1000
Unroutable	293	2607:f388:101c:1000::350	1000
Unroutable	293	2607:f388:101c:1000::351	1000
Unroutable	293	2607:f388:101c:1000::352	1000
Unroutable	293	2607:f388:101c:1000::353	1000
Unroutable	293	2607:f388:101c:1000::354	1000
Unroutable	293	2607:f388:101c:1000::36	1000
Unroutable	293	2607:f388:101c:1000::401	1000
Unroutable	293	2607:f388:101c:1000::402	2000
Unroutable	293	2607:f388:101c:1000::406	1000
Unroutable	293	2607:f388:101c:1000::408	5000
Unroutable	293	2607:f388:101c:1000::412	5000
Unroutable	293	2607:f388:101c:1000::414	4000
Unroutable	293	2607:f388:101c:1000::418	3000
Unroutable	293	2607:f388:101c:1000::419	7000
Unroutable	293	2607:f388:101c:1000::432	1000
Unroutable	293	2607:f388:101c:1000::441	19000
Unroutable	293	2607:f388:101c:1000::456	4000
Unroutable	293	2607:f388:101c:1000::501	1000
Unroutable	293	2607:f388:101c:1000::502	3000

Unroutable	293	2607:f388:101c:1000::505	7000
Unroutable	293	2607:f388:101c:1000::508	29000
Unroutable	293	2607:f388:101c:1000::509	10000
Unroutable	293	2607:f388:101c:1000::511	2000
Unroutable	293	2607:f388:101c:1000::513	9000
Unroutable	293	2607:f388:101c:1000::514	1000
Unroutable	293	2607:f388:101c:1000::515	2000
Unroutable	293	2607:f388:101c:1000::518	1000
Unroutable	293	2607:f388:101c:1000::519	1000
Unroutable	293	2607:f388:101c:1000::528	1000
Unroutable	293	2607:f388:101c:1000::529	1000
Unroutable	293	2607:f388:101c:1000::532	1000
Unroutable	293	2607:f388:101c:1000::535	3000
Unroutable	293	2607:f388:101c:1000::539	8000
Unroutable	293	2607:f388:101c:1000::543	3000
Unroutable	293	2607:f388:101c:1000::544	2000
Unroutable	293	2607:f388:101c:1000::546	1000
Unroutable	293	2607:f388:101c:1000::547	2000
Unroutable	293	2607:f388:101c:1000::549	1000
Unroutable	293	2607:f388:101c:1000::550	2000
Unroutable	293	2607:f388:101c:1000::551	10000
Unroutable	293	2607:f388:101c:1000::552	1000
Unroutable	293	2607:f388:101c:1000::558	3000
Unroutable	293	2607:f388:101c:1000::559	4000
Unroutable	293	2607:f388:101c:1000::561	2000
Unroutable	293	2607:f388:101c:1000::563	3000
Unroutable	293	2607:f388:101c:1000::567	3000
Unroutable	293	2607:f388:101c:1000::569	10000
Unroutable	293	2607:f388:101c:1000::570	2000
Unroutable	293	2607:f388:101c:1000::571	12000
Unroutable	293	2607:f388:101c:1000::572	20000
Unroutable	293	2607:f388:101c:1000::574	1000
Unroutable	293	2607:f388:101c:1000::575	2000
Unroutable	293	2607:f388:101c:1000::576	1000
Unroutable	293	2607:f388:101c:1000::580	1000
Unroutable	293	2607:f388:101c:1000::581	2000
Unroutable	293	2607:f388:101c:1000::582	16000
Unroutable	293	2607:f388:101c:1000::583	2000
Unroutable	293	2607:f388:101c:1000::586	23000
Unroutable	293	2607:f388:101c:1000::587	3000
Unroutable	293	2607:f388:101c:1000::588	4000
Unroutable	293	2607:f388:101c:1000::589	4000
Unroutable	293	2607:f388:101c:1000::590	8000
Unroutable	293	2607:f388:101c:1000::592	2000
Unroutable	293	2607:f388:101c:1000::596	1000
Unroutable	293	2607:f388:101c:1000::597	1000
Unroutable	293	2607:f388:101c:1000::600	3000

Unroutable		293	2607:f388:101c:1000::604	3000	
Unroutable		293	2607:f388:101c:1000::609	1000	
Unroutable		293	2607:f388:101c:1000::610	18000	
Unroutable		293	2607:f388:101c:1000::611	5000	
Unroutable		293	2607:f388:101c:1000::612	18000	
Unroutable		293	2607:f388:101c:1000::615	1000	
Unroutable		293	2607:f388:101c:1000::620	13000	
Unroutable		293	2607:f388:101c:1000::624	1000	
Unroutable		293	2607:f388:101c:1000::626	4000	
Unroutable		293	2607:f388:101c:1000::628	6000	
Bogus ASN	ASN		Bogus ASN	Packet Count	

Valid	vanderbilt-11-2017	vanderbilt-12-2017	vanderbilt-01-2018	Total
Packets/Month	136125768000	118914413000	135234340000	390274521000
Address/Month	52	60	63	72
Unroutable	vanderbilt-11-2017	vanderbilt-12-2017	vanderbilt-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Bogus ASN	vanderbilt-11-2017	vanderbilt-12-2017	vanderbilt-01-2018	Total
Packets/Month	0	0	0	0
Address/Month	0	0	0	0
Unroutable	ASN	Unroutable Address	Packet Count	
Bogus ASN	ASN	Bogus ASN	Packet Count	