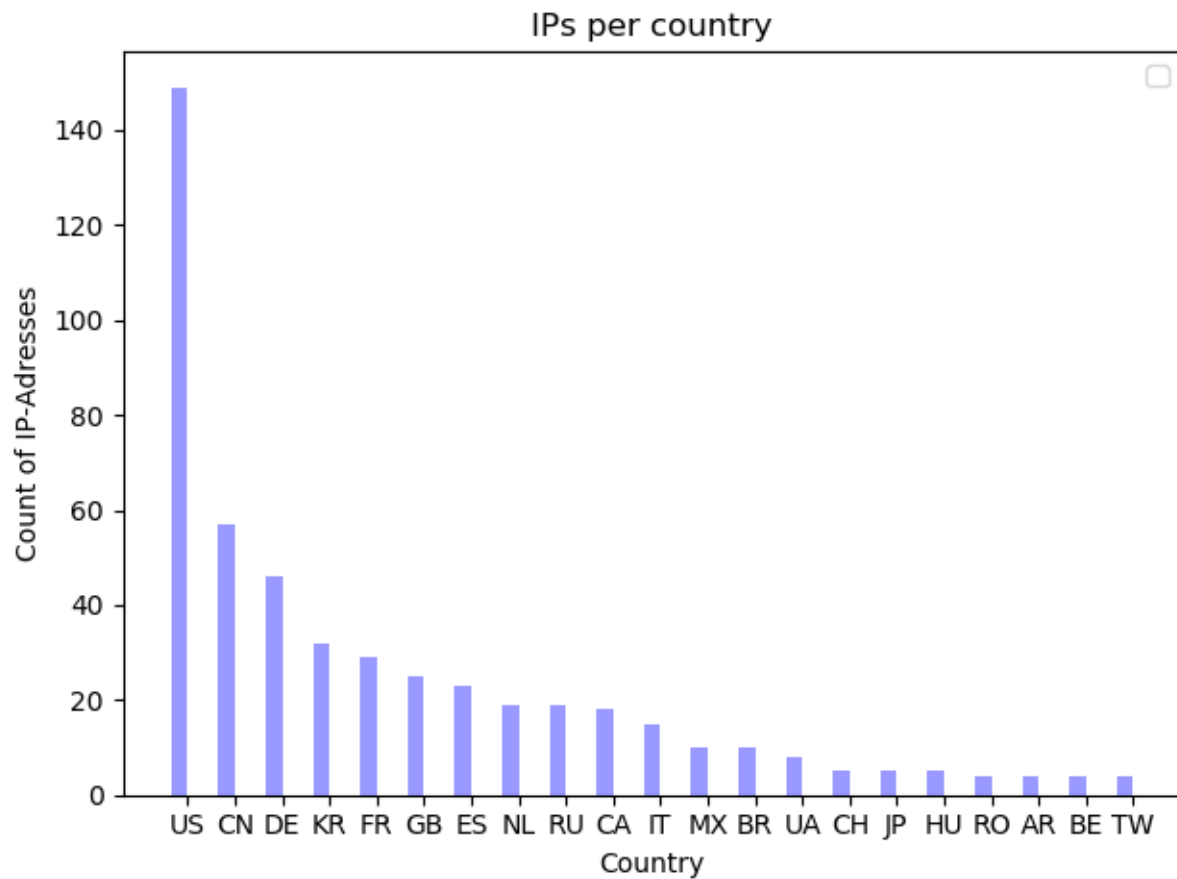
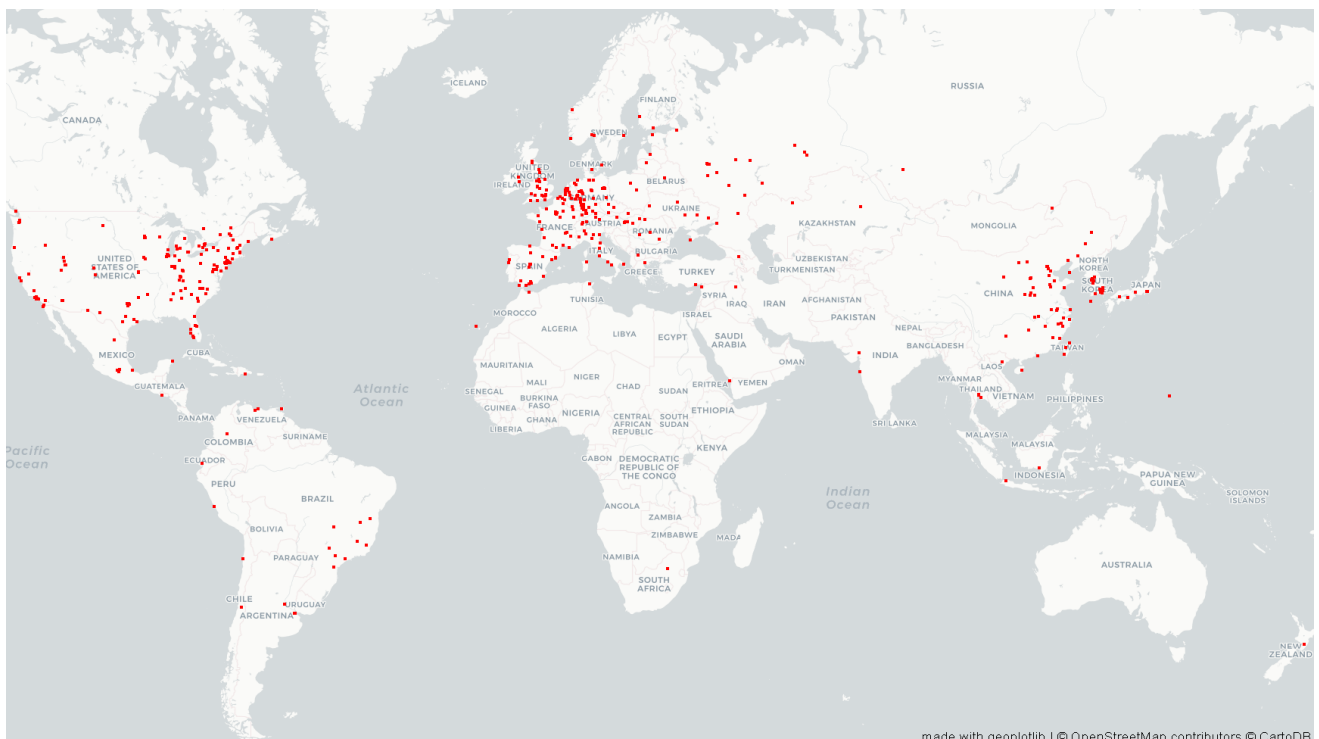
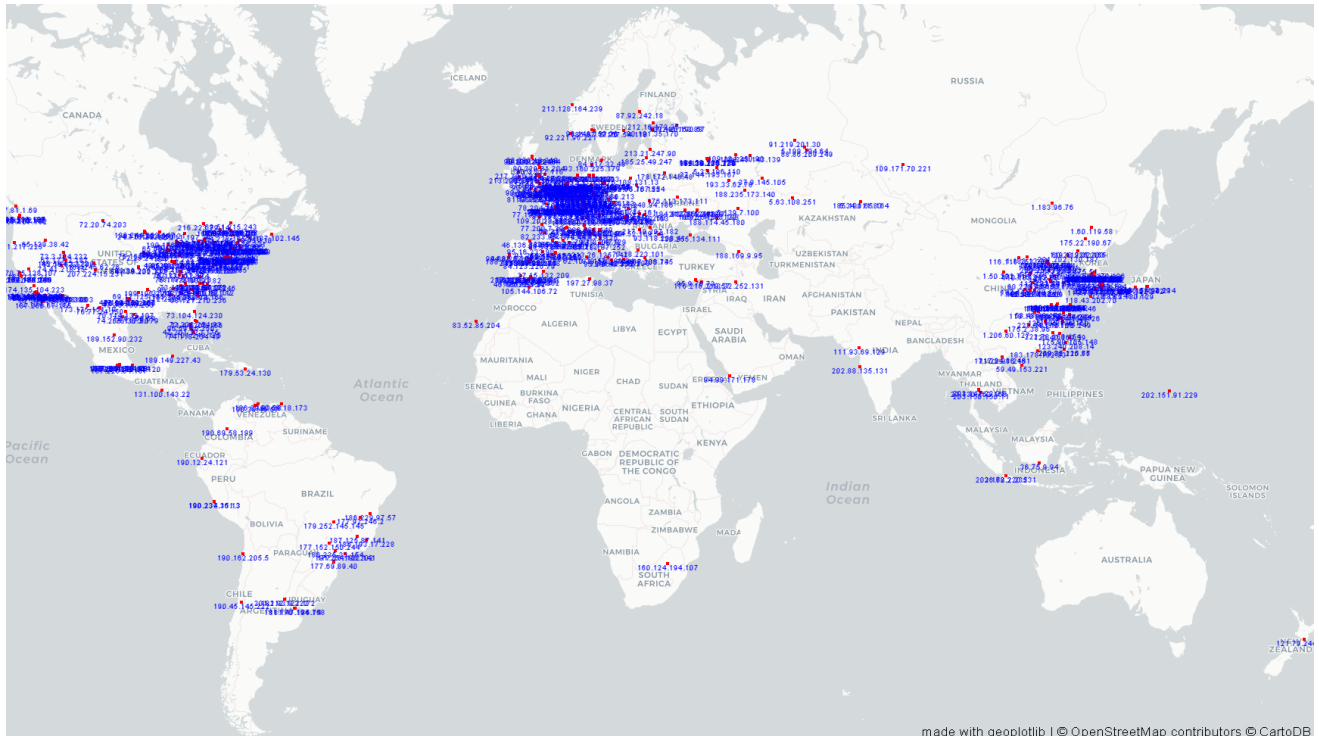


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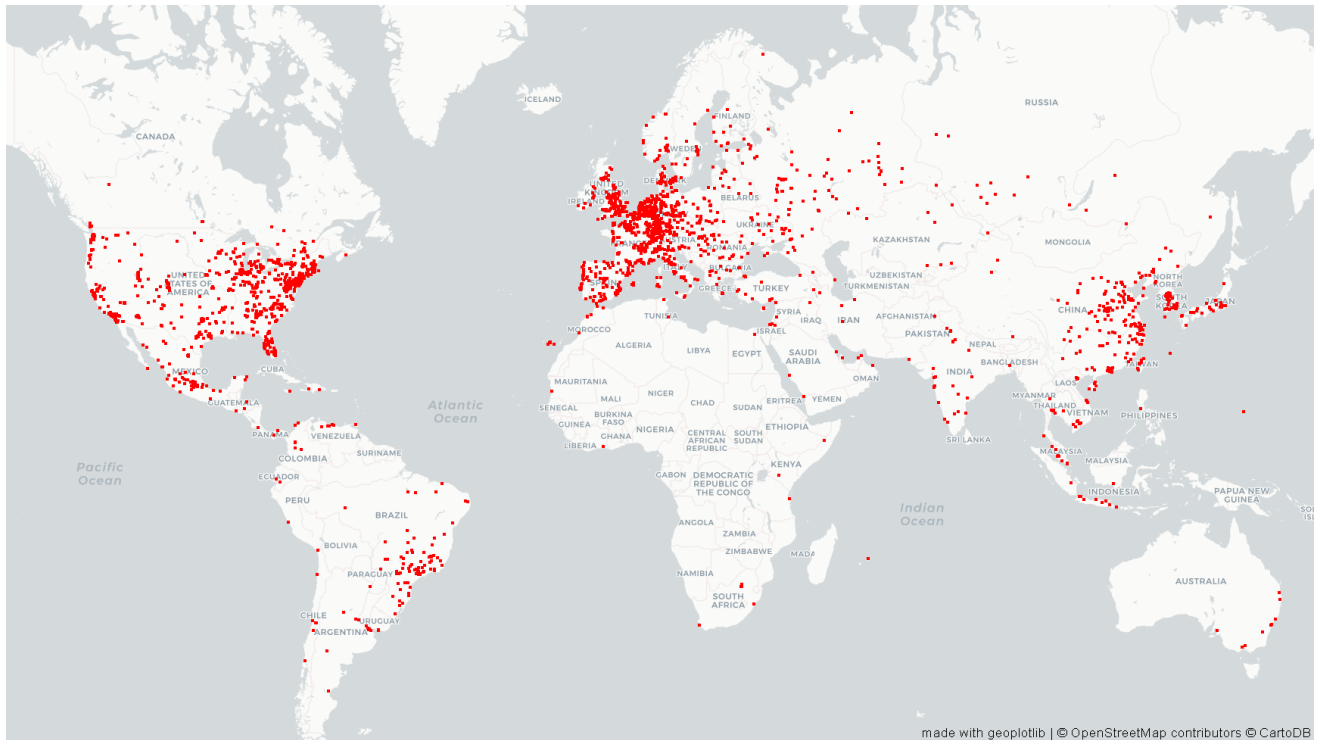
The dispersal of the responding IPs to the countrys:



The locations of every IP founded in this result:



The locations of every IP ever founded:



Name	City	Country	IP	Region	ZIP-Code
AS11351 Time Warner Cable Internet LLC	Buffalo	United States	98.4.238.62	New York	14227
AS7922 Comcast Cable Communications, LLC	Arlington Heights	United States	98.228.222.48	Illinois	60004
AS7922 Comcast Cable Communications, LLC	Westchester	United States	98.228.167.39	Illinois	60154
AS7922 Comcast Cable Communications, LLC	Warren	United States	98.209.100.250	Michigan	48093
AS7922 Comcast Cable Communications, LLC	Niles	United States	98.206.158.14	Michigan	49120
AS7029 Windstream Communications LLC	Lebanon	United States	98.19.83.36	Kentucky	40033
AS11426 Time Warner Cable Internet LLC	Orangeburg	United States	98.121.210.236	South Carolina	29115
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Brooklyn	United States	98.116.212.174	New York	11208
AS209 Qwest Communications Company, LLC	Glendale	United States	97.124.68.98	Arizona	85308
AS33363 BRIGHT HOUSE NETWORKS, LLC	Tampa	United States	96.59.96.250	Florida	33629
AS6128 Cablevision Systems Corp.	Piscataway	United States	96.57.138.201	New Jersey	08854
AS20115 Charter Communications	Decatur	United States	96.38.54.105	Tennessee	37322
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Jamaica	United States	96.250.254.7	New York	11434
AS6830 Liberty Global Operations B.V.	Eindhoven	Netherlands	95.97.25.153	North Brabant	5612
AS9121 Turk Telekom	Mersin	Turkey	95.9.76.73	Mersin	
AS3269 Telecom Italia	Venice	Italy	95.249.3.253	Veneto	30125
AS3269 Telecom Italia	Vallo della Lucania	Italy	95.241.173.161	Campania	84078
AS3269 Telecom Italia	Verona	Italy	95.236.251.146	Veneto	37131
AS12715 Orange Espagne S.A.U.	Mijas	Spain	95.22.1.31	Andalusia	29649
AS29562 Kabel BW	Baiersbronn	Germany	95.208.53.27	Baden-Württemberg Region	72270
AS12715 Orange Espagne S.A.U.	Burgos	Spain	95.16.233.90	Castille and León	09002
AS12739 CJSC Netline	Moscow	Russia	95.130.176.134	Moscow	102128
AS25019 Saudi Telecom Company JSC	Gazan	Saudi Arabia	94.99.171.178	Jizan	
AS6799 OTEnet S.A.	Thessaloniki	Greece	94.68.236.74	Central Macedonia	
AS12353 Vodafone Portugal - Comunicacoes Pessoais S.A.	Porto	Portugal	94.63.5.26	Porto	4000-000
AS12353 Vodafone Portugal - Comunicacoes Pessoais S.A.	Porto	Portugal	94.63.233.68	Porto	4000-000
AS48161 Nextgen Communications Srl	Bocsa	Romania	94.52.169.54	Judetul Caras-Severin	325300
AS5607 Sky UK Limited	Cambridge	United Kingdom	94.5.119.188	England	CB2
AS6830 Liberty Global Operations B.V.	Rheda-Wiedenbrueck	Germany	94.114.17.145	North Rhine-Westphalia	33378
AS25229 Volia	Dnipro	Ukraine	93.75.128.189	Dnipro	49020

AS15557 SFR SA	Maubeuge	France	93.6.26.206	Hauts-de-France	59600
AS3320 Deutsche Telekom AG	Potsdam	Germany	93.219.115.74	Brandenburg	14482
AS3320 Deutsche Telekom AG	Münster	Germany	93.217.74.10	North Rhine-Westphalia	48147
AS3320 Deutsche Telekom AG	Radeberg	Germany	93.202.136.213	Saxony	01454
AS15557 SFR SA	Paris	France	93.19.14.101	Île-de-France	75020
AS47583 Hostinger International Limited	Greenville	United States	93.188.160.60	South Carolina	
AS3292 Tele Danmark	Svendborg	Denmark	93.160.225.179	South Denmark	5700
AS30722 Vodafone Italia S.p.A.	Portici	Italy	93.150.199.94	Campania	80055
AS6910 Digital Cable Systems S.A.	Moara Vlasiei	Romania	93.118.208.41	Ilfov	077130
AS8426 Claranet Ltd	Barcelona	Spain	92.54.4.172	Catalonia	08001
AS12695 JSC Digital Network	Reutov	Russia	92.38.205.228	Moscow Oblast	143968
AS5089 Virgin Media Limited	Kirkcaldy	United Kingdom	92.233.13.210	Scotland	KY2
AS29695 Altibox AS	Stavanger	Norway	92.221.96.221	Rogaland Fylke	4001
AS3209 Vodafone GmbH	Mainz	Germany	92.217.85.172	Rheinland-Pfalz	55122
AS3209 Vodafone GmbH	Frankfurt am Main	Germany	92.215.129.117	Hesse	
AS3209 Vodafone GmbH	Frankfurt am Main	Germany	92.213.232.38	Hesse	
AS3209 Vodafone GmbH	Mainz	Germany	92.212.23.140	Rheinland-Pfalz	55122
AS31334 Vodafone Kabel Deutschland GmbH	Berlin	Germany	91.64.218.197	Land Berlin	12526
AS12479 Orange Espagne SA	Zaragoza	Spain	91.250.142.175	Aragon	50012
AS59479 GEMNET s.r.o.	Ceska Bela	Czechia	91.245.24.38	Kraj Vysocina	582 61
AS59533 Lukjanova Lydia Andreevna PE	Lys'va	Russia	91.219.201.30	Perm Krai	618900
AS3320 Deutsche Telekom AG	Prien am Chiemsee	Germany	91.13.63.241	Bavaria	83209
AS5607 Sky UK Limited	Coventry	United Kingdom	90.221.176.187	England	CV5
AS5607 Sky UK Limited	Newcastle upon Tyne	United Kingdom	90.220.81.204	England	NE2
AS5607 Sky UK Limited	Edinburgh	United Kingdom	90.218.113.94	Scotland	EH1
AS5607 Sky UK Limited	Woking	United Kingdom	90.212.160.169	England	GU22
AS5607 Sky UK Limited	Treorchy	United Kingdom	90.207.60.123	Wales	CF42
AS5607 Sky UK Limited	Edinburgh	United Kingdom	90.200.246.164	Scotland	EH1
AS3249 Telia Eesti AS	Tallinn	Estonia	90.191.35.170	Harjumaa	
AS15659 NextGenTel AS	Moss	Norway	90.149.153.30	Østfold	1501
AS6830 Liberty Global Operations B.V.	Warsaw	Poland	89.66.76.152	Mazovia	00-202
AS6830 Liberty Global Operations B.V.	Mor	Hungary	89.133.175.216	Fejér	8060
AS12479 Orange Espagne SA	Seville	Spain	89.129.108.55	Andalusia	41006

AS6805 Telefonica Germany	Leimen	Germany	89.12.217.228	Baden-Württemberg Region	69181
AS24940 Hetzner Online GmbH	Gunzenhausen (Frickenfelden)	Germany	88.99.137.225	Bavaria	
AS28890 INSYS LLC	Yekaterinburg	Russia	88.86.209.249	Sverdlovskaya Oblast'	620026
AS3209 Vodafone GmbH	Erfurt	Germany	88.72.35.184	Thuringia	99089
AS12322 Free SAS	Carcassonne	France	88.183.193.150	Occitanie	11000
AS12322 Free SAS	Bondy	France	88.171.209.13	Île-de-France	93140
AS12322 Free SAS	Grenoble	France	88.162.32.3	Auvergne-Rhone-Alpes	38100
AS5610 O2 Czech Republic, a.s.	Prague	Czechia	88.103.83.133	Hlavní mesto Praha	130 00
AS16086 DNA Oyj	Pori	Finland	87.92.242.18	Satakunta	28610
AS3269 Telecom Italia	Rimini	Italy	87.3.247.9	Emilia-Romagna	47900
AS47541 VKontakte Ltd	Saint Petersburg	Russia	87.240.153.88	St.-Petersburg	
AS12715 Orange Espagne S.A.U.	Granada	Spain	87.220.130.160	Andalusia	18001
AS3320 Deutsche Telekom AG	Olpe	Germany	87.182.99.37	North Rhine-Westphalia	57462
AS3269 Telecom Italia	Perugia	Italy	87.18.187.252	Umbria	06124
AS3320 Deutsche Telekom AG	Seeheim-Jugenheim	Germany	87.162.228.156	Hesse	64342
AS3320 Deutsche Telekom AG	Hadamar	Germany	87.153.174.99	Hesse	65589
AS3320 Deutsche Telekom AG	Berlin	Germany	87.140.35.105	Land Berlin	12529
AS3320 Deutsche Telekom AG	Berlin	Germany	87.138.126.67	Schleswig-Holstein	
AS15557 SFR SA	Morsang-sur-Orge	France	86.70.253.232	Île-de-France	91390
AS5089 Virgin Media Limited	Poole	United Kingdom	86.5.67.8	England	BH15
AS2856 British Telecommunications PLC	Dewsbury	United Kingdom	86.146.34.151	England	WF12
AS6805 Telefonica Germany	Berlin	Germany	85.179.108.19	Land Berlin	10785
AS6805 Telefonica Germany	Hamburg	Germany	85.178.171.91	Hamburg	20095
AS6739 Vodafone Ono, S.A.	Seville	Spain	85.136.3.248	Andalusia	41005
AS30933 Kda Web Services Ltd	Sheffield	United Kingdom	85.118.233.68	England	
AS15943 wilhelm.tel GmbH	Hamburg	Germany	84.46.19.47	Hamburg	22307
AS9143 Ziggo	Roosendaal	Netherlands	84.26.172.57	North Brabant	4706
AS6730 Sunrise Communications AG	Gravesano	Switzerland	84.226.236.149	Ticino	6929
AS8448 Telenor Hungary plc	Törökbálint	Hungary	84.224.69.30	Pest	
AS2119 Telenor Norge AS	Malmo	Sweden	84.217.32.49	Skåne	208 42
AS3320 Deutsche Telekom AG	Zarrentin	Germany	84.140.11.203	Mecklenburg-Vorpommern	19246
AS3320 Deutsche Telekom AG	Kirchhain	Germany	84.139.194.123	Hesse	35274
AS3320 Deutsche Telekom AG	Ingolstadt	Germany	84.131.151.44	Bavaria	85055
AS6739 Vodafone Ono, S.A.	Toledo	Spain	84.123.226.79	Castille-La Mancha	45007
AS6830 Liberty Global Operations B.V.	Vienna	Austria	84.113.220.141	Vienna	1070
AS15557 SFR SA	Sens	France	84.101.239.100	Bourgogne-Franche-Comte	
AS15557 SFR SA	Sartrouville	France	84.100.53.244	Île-de-France	78500

AS3352 Telefonica De Espana	Santa Cruz de Tenerife	Spain	83.52.85.204	Canary Islands	38001
AS3352 Telefonica De Espana	Tarragona	Spain	83.52.193.149	Catalonia	43003
AS3352 Telefonica De Espana	Madrid	Spain	83.48.96.66	Madrid	28001
AS3352 Telefonica De Espana	Granada	Spain	83.37.168.191	Andalusia	18001
AS3352 Telefonica De Espana	Barcelona	Spain	83.32.208.152	Catalonia	08001
AS3265 Xs4all Internet BV	Amsterdam	Netherlands	82.95.81.75	North Holland	1054
AS8708 RCS & RDS	Satu Mare	Romania	82.79.52.163	Satu Mare	440004
AS12322 Free SAS	Toulouse	France	82.66.71.173	Occitanie	31200
AS3269 Telecom Italia	Milan	Italy	82.63.37.182	Lombardy	20129
AS5089 Virgin Media Limited	Epsom	United Kingdom	82.40.208.78	England	KT17
AS5089 Virgin Media Limited	Bristol	United Kingdom	82.39.15.165	England	BS16
AS5089 Virgin Media Limited	Manchester	United Kingdom	82.27.173.103	England	M40
AS12322 Free SAS	Lormont	France	82.233.95.17	Nouvelle-Aquitaine	33310
AS12322 Free SAS	Marseille	France	82.229.5.1	Provence-Alpes-Côte d'Azur	13012
AS3265 Xs4all Internet BV	Breukelen	Netherlands	82.161.201.224	Provincie Utrecht	3621
AS8220 COLT Technology Services Group Limited	Nichelino	Italy	82.112.212.118	Piedmont	10042
AS3352 Telefonica De Espana	Madrid	Spain	81.42.199.231	Madrid	28001
AS3352 Telefonica De Espana	Órgiva	Spain	81.32.39.80	Andalusia	18418
AS3 Massachusetts Institute of Technology	Ghent	Belgium	81.247.1.240	Flanders	
AS1836 green.ch AG	Zurich	Switzerland	81.221.230.104	Zurich	8001
AS21470 South West Communications Group Ltd	Exeter	United Kingdom	81.17.72.249	England	EX2
AS5089 Virgin Media Limited	Stafford	United Kingdom	81.109.213.116	England	ST17
AS6830 Liberty Global Operations B.V.	Nyiregyhaza	Hungary	80.99.150.250	Szabolcs-Szatmár-Bereg	4400
AS6830 Liberty Global Operations B.V.	Szolnok	Hungary	80.98.94.80	Jász-Nagykun-Szolnok	5000
AS5089 Virgin Media Limited	Stockton-on-Tees	United Kingdom	80.3.212.116	England	TS19
AS3320 Deutsche Telekom AG	Salzkotten	Germany	80.131.87.246	North Rhine-Westphalia	33154
AS9143 Ziggo	Musselkanaal	Netherlands	80.114.1.75	Groningen	9581
AS15557 SFR SA	Épernay	France	79.92.70.23	Grand-Est	51200
AS3269 Telecom Italia	Reggio nell'Emilia	Italy	79.44.171.126	Emilia-Romagna	42100
AS3269 Telecom Italia	Squinzano	Italy	79.42.252.203	Apulia	73018
AS3320 Deutsche Telekom AG	Eibelsstadt	Germany	79.240.142.128	Bavaria	97246
AS3320 Deutsche Telekom AG	Frechen	Germany	79.237.89.181	North Rhine-Westphalia	50226
AS3320 Deutsche Telekom AG	Munich	Germany	79.203.95.223	Bavaria	80802
AS3269 Telecom Italia	Rimini	Italy	79.19.208.129	Emilia-Romagna	47900

AS3329 Vodafone-panafon Hellenic Telecommunications Company SA	Thessaloniki	Greece	79.167.103.135	Central Macedonia	
AS3269 Telecom Italia	Vallo della Lucania	Italy	79.0.48.155	Campania	84078
AS6805 Telefonica Germany	Hamburg	Germany	78.51.10.207	Hamburg	22455
AS6805 Telefonica Germany	Bochum	Germany	78.48.18.5	North Rhine-Westphalia	44892
AS8487 Phibee Telecom SAS	Aveize	France	78.41.189.138	Auvergne-Rhone-Alpes	69610
AS12322 Free SAS	Guenange	France	78.235.113.219	Grand-Est	57310
AS12322 Free SAS	Épinal	France	78.233.92.143	Grand-Est	88000
AS12322 Free SAS	Le Havre	France	78.204.169.129	Normandy	76620
AS12322 Free SAS	Pantin	France	78.198.217.183	Île-de-France	93500
AS42831 UK Dedicated Servers Limited	London	United Kingdom	78.157.201.6	England	EC2V
AS6821 Makedonski Telekom AD-Skopje	Skopje	Macedonia	77.28.223.101	Opstina Karpos	1000
AS6830 Liberty Global Operations B.V.	Amsterdam	Netherlands	77.249.19.95	North Holland	1025
AS6830 Liberty Global Operations B.V.	Tiel	Netherlands	77.249.186.9	Provincie Gelderland	4003
AS31334 Vodafone Kabel Deutschland GmbH	Wolfenbüttel	Germany	77.23.75.156	Lower Saxony	38304
AS15557 SFR SA	Marseille	France	77.204.201.212	Provence-Alpes-Côte d'Azur	13000
AS15557 SFR SA	Marans	France	77.200.7.39	Nouvelle-Aquitaine	17230
AS15557 SFR SA	Pleugueneuc	France	77.193.100.53	Brittany	35720
AS6805 Telefonica Germany	Velbert	Germany	77.182.211.139	North Rhine-Westphalia	42551
AS6805 Telefonica Germany	Frankenthal	Germany	77.177.230.40	Rheinland-Pfalz	67227
AS1136 KPN B.V.	Eindhoven	Netherlands	77.172.203.105	North Brabant	5611
AS11427 Time Warner Cable Internet LLC	Bedford	United States	76.85.14.243	Texas	76021
AS23546 Delcom, Inc.	Pecos	United States	76.77.24.150	Texas	79772
AS11426 Time Warner Cable Internet LLC	Beverly Hills	United States	76.47.191.99	California	90210
AS7922 Comcast Cable Communications, LLC	League City	United States	76.30.3.179	Texas	77573
AS7922 Comcast Cable Communications, LLC	Concord	United States	76.24.195.205	New Hampshire	03303
AS7018 AT&T; Services, Inc.	Winnetka	United States	76.214.69.209	California	91306
AS11351 Time Warner Cable Internet LLC	Buffalo	United States	76.180.110.80	New York	14209
AS10796 Time Warner Cable Internet LLC	Versailles	United States	76.177.112.174	Kentucky	40383
AS7922 Comcast Cable Communications, LLC	Cape Coral	United States	76.101.249.175	Florida	33914
AS11426 Time Warner Cable Internet LLC	Columbia	United States	75.189.34.166	South Carolina	29229
AS209 Qwest Communications Company, LLC	Des Moines	United States	75.162.15.241	Iowa	50327

AS7029 Windstream Communications LLC	Mount Vernon	United States	75.117.210.120	Kentucky	40456
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Imperial	United States	74.98.202.209	Pennsylvania	15126
AS11351 Time Warner Cable Internet LLC	Sanbornville	United States	74.75.176.221	New Hampshire	03872
AS5650 Frontier Communications of America, Inc.	Delta	United States	74.41.218.15	Utah	84624
AS6181 Cincinnati Bell Telephone Company LLC	West Chester	United States	74.215.41.83	Ohio	45069
AS33070 Rackspace Ltd.	San Antonio	United States	74.205.117.60	Texas	78218
AS32748 Steadfast	Toronto	Canada	74.120.122.163	Ontario	M5X
AS14133 U.S. Metropolitan Telecom, LLC	Naples	United States	74.118.234.49	Florida	34105
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Saddle River	United States	74.105.130.174	New Jersey	07458
AS7922 Comcast Cable Communications, LLC	Seattle	United States	73.97.235.166	Washington	98122
AS7922 Comcast Cable Communications, LLC	Naperville	United States	73.74.175.167	Illinois	60564
AS7922 Comcast Cable Communications, LLC	East Haven	United States	73.60.178.243	Connecticut	06512
AS7922 Comcast Cable Communications, LLC	Cypress	United States	73.6.156.59	Texas	77429
AS7922 Comcast Cable Communications, LLC	Seattle	United States	73.35.193.137	Washington	98105
AS7922 Comcast Cable Communications, LLC	Brigham City	United States	73.3.104.232	Utah	84302
AS7922 Comcast Cable Communications, LLC	Montclair	United States	73.199.87.239	New Jersey	07042
AS7922 Comcast Cable Communications, LLC	Barneget	United States	73.194.212.1	New Jersey	08005
AS7922 Comcast Cable Communications, LLC	Royal Oak	United States	73.191.253.85	Michigan	48073
AS7922 Comcast Cable Communications, LLC	Wakefield	United States	73.167.220.205	Massachusetts	01880
AS7922 Comcast Cable Communications, LLC	Federal Way	United States	73.157.107.132	Washington	98023
AS7922 Comcast Cable Communications, LLC	Dover	United States	73.135.196.35	Delaware	19901
AS7922 Comcast Cable Communications, LLC	Knoxville	United States	73.113.158.69	Tennessee	37920
AS7922 Comcast Cable Communications, LLC	Jacksonville	United States	73.104.124.230	Florida	32218
AS7029 Windstream Communications LLC	Knoxville	United States	72.25.24.228	Iowa	50138
AS33363 BRIGHT HOUSE NETWORKS, LLC	Apopka	United States	72.238.254.93	Florida	32703

AS11351 Time Warner Cable Internet LLC	Ontario	United States	72.230.174.242	New York	14519
AS26794 Dakota Carrier Network	Dickinson	United States	72.20.74.203	North Dakota	58601
AS22394 Cellco Partnership DBA Verizon Wireless	Alpine	United States	72.104.113.93	California	91901
AS7922 Comcast Cable Communications, LLC	Blacksburg	United States	71.63.93.82	Virginia	24060
AS33363 BRIGHT HOUSE NETWORKS, LLC	Orlando	United States	71.44.205.166	Florida	
AS7922 Comcast Cable Communications, LLC	Woodstock	United States	71.204.95.113	Georgia	30189
AS7922 Comcast Cable Communications, LLC	Holyoke	United States	71.192.226.216	Massachusetts	01040
AS20115 Charter Communications	Wausau	United States	71.13.138.121	Wisconsin	54401
AS209 Qwest Communications Company, LLC	Surprise	United States	70.58.241.166	Arizona	85374
AS11427 Time Warner Cable Internet LLC	Round Rock	United States	70.114.132.107	Texas	78681
AS4540 SOGETEL INC	Saint-Alexis-des-Monts	Canada	69.51.215.243	Quebec	
AS7922 Comcast Cable Communications, LLC	Frederick	United States	69.255.123.64	Maryland	21701
AS7922 Comcast Cable Communications, LLC	Towson	United States	69.250.186.92	Maryland	21286
AS4181 TDS TELECOM	Grand Rapids	United States	69.128.221.5	Michigan	49502
AS8025 BrightNet Oklahoma	Broken Bow	United States	69.12.125.185	Oklahoma	74728
AS7018 AT&T; Services, Inc.	Prairie Village	United States	68.89.236.11	Kansas	66208
AS7922 Comcast Cable Communications, LLC	Indianapolis	United States	68.50.140.35	Indiana	46241
AS12271 Time Warner Cable Internet LLC	Fort Lee	United States	68.172.242.167	New Jersey	07024
AS209 Qwest Communications Company, LLC	Saint Paul	United States	67.6.100.62	Minnesota	55104
AS12271 Time Warner Cable Internet LLC	Bloomington	United States	67.245.219.209	New York	12721
AS14992 CrystalTech Web Hosting Inc.	New Hyde Park	United States	67.199.85.146	New York	11042
AS7922 Comcast Cable Communications, LLC	Bountiful	United States	67.177.2.187	Utah	84010
AS26133 Frankfort Plant Board	Frankfort	United States	67.131.51.89	Kentucky	40601
AS54489 CoreSpace, Inc.	Dallas	United States	66.34.199.169	Texas	75209
AS4181 TDS TELECOM	Henniker	United States	66.222.24.88	New Hampshire	03242
AS20115 Charter Communications	Norwalk	United States	66.191.34.211	California	90650
AS10796 Time Warner Cable Internet LLC	Oak Creek	United States	65.30.167.159	Wisconsin	53154
AS11426 Time Warner Cable Internet LLC	Fayetteville	United States	65.191.16.132	North Carolina	28304
AS557 University of Maine System	Camden	United States	65.18.95.130	Maine	04843

AS209 Qwest Communications Company, LLC	Boise	United States	65.129.38.42	Idaho	83704
AS209 Qwest Communications Company, LLC	New Kingstown	United States	65.116.168.154	Pennsylvania	17072
AS19872 CUSTOM SOFTWARE INC	Fairview	United States	65.111.197.34	Michigan	48621
AS13977 FAIRPOINT COMMUNICATIONS, INC.	Morrisville	United States	64.222.105.110	Vermont	05661
AS18712 SureWest Kansas Operations, LLC	Overland Park	United States	64.136.202.221	Kansas	66212
AS12357 Vodafone Spain	Sabadell	Spain	62.57.187.156	Catalonia	08203
AS3265 Xs4all Internet BV	Amsterdam	Netherlands	62.251.16.136	North Holland	1017
AS5413 Daisy Communications Ltd	Hove	United Kingdom	62.232.107.107	England	BN3
AS8220 COLT Technology Services Group Limited	Paris	France	62.23.163.85	Île-de-France	75001
AS34391 Paritel Operateur Sasu	Tassin-la-Demi-Lune	France	62.213.163.101	Auvergne-Rhone-Alpes	69160
AS8612 Tiscali SpA	Olbia	Italy	62.10.30.170	Sardinia	07026
AS4134 No.31,Jin-rong Street	Hangzhou	China	61.174.147.244	Zhejiang	
AS4837 CHINA UNICOM China169 Backbone	Tianjin	China	60.25.173.159	Tianjin	
AS4837 CHINA UNICOM China169 Backbone	Changzhi	China	60.220.40.153	Shanxi	
AS4837 CHINA UNICOM China169 Backbone	Shenyang	China	60.20.225.203	Liaoning	
AS4134 No.31,Jin-rong Street	Chanshan	China	60.174.173.19	Jiangsu	
AS17676 Softbank BB Corp.	Nagoya	Japan	60.140.197.242	Aichi	461-0019
AS4134 No.31,Jin-rong Street	Qionghai	China	59.49.153.221	Hainan	
AS4766 Korea Telecom	Pohang	Republic of Korea	59.24.16.184	Gyeongsangbuk-do	
AS9617 Jupiter Telecommunications Co., Ltd.	Wakayama	Japan	58.85.130.129	Wakayama	640-8269
AS4134 No.31,Jin-rong Street	Wuhan	China	58.48.93.173	Hubei	
AS4134 No.31,Jin-rong Street	Nanjing	China	58.219.216.9	Jiangsu	
AS9318 SK Broadband Co Ltd	Seoul	Republic of Korea	58.124.4.109	Seoul	
AS16276 OVH SAS	Choisy-le-Roi	France	51.254.91.98	Île-de-France	
AS5650 Frontier Communications of America, Inc.	Fenwick	United States	50.108.73.99	Michigan	48834
AS5607 Sky UK Limited	Cannock	United Kingdom	5.66.46.24	England	WS11
AS9198 JSC Kazakhtelecom	Aqtöbe	Kazakhstan	5.63.108.251	Akt'yubinskaya Oblast'	
AS21299 2DAY Telecom LLP	Karagandy	Kazakhstan	5.34.111.83	Qaraghandy Obl'sy	
AS15895 Kyivstar PJSC	Lviv	Ukraine	5.248.94.186	L'viv's'ka Oblast'	79025
AS57214 Vidikon-K, CJSC	Ryazan	Russia	5.23.106.110	Ryazanskaya Oblast'	390506
AS48642 Joint stock company For	Novoural'sk	Russia	5.199.194.64	Sverdlovskaya Oblast'	624130

AS5483 Magyar Telekom plc.	Oroszlany	Hungary	5.187.212.29	Komárom-Esztergom	2840
AS57858 Inter Connects Inc	Stockholm (Östermalm)	Sweden	5.157.54.110	Stockholm	
AS33934 PJSC Rostelecom	Volgograd	Russia	5.139.7.100	Volgogradskaya Oblast'	
AS10036 DLIVE	Seoul	Republic of Korea	49.1.148.100	Seoul	
AS20115 Charter Communications	Mansfield	United States	47.38.186.253	Texas	76063
AS5650 Frontier Communications of America, Inc.	Osprey	United States	47.201.223.175	Florida	34229
AS5650 Frontier Communications of America, Inc.	Justin	United States	47.189.253.107	Texas	76247
AS5650 Frontier Communications of America, Inc.	Carrollton	United States	47.184.29.217	Texas	75007
AS5650 Frontier Communications of America, Inc.	La Quinta	United States	47.158.43.133	California	92253
AS5650 Frontier Communications of America, Inc.	Manhattan Beach	United States	47.144.164.86	California	90266
AS3320 Deutsche Telekom AG	Kulmbach	Germany	46.84.253.236	Bavaria	95326
AS3320 Deutsche Telekom AG	Siegen	Germany	46.82.86.61	North Rhine-Westphalia	57076
AS12430 Vodafone Spain	Santander	Spain	46.136.169.159	Cantabria	39010
AS12430 Vodafone Spain	Cadiz	Spain	46.136.155.22	Andalusia	11005
AS20473 Choopa, LLC	Amsterdam	Netherlands	45.76.42.243	North Holland	2031
AS16591 Google Fiber Inc.	Provo	United States	45.56.63.173	Utah	84601
AS11426 Time Warner Cable Internet LLC	Greensboro	United States	45.36.87.172	North Carolina	27406
AS40676 Psychz Networks	Walnut	United States	45.34.106.185	California	91789
AS4837 CHINA UNICOM China169 Backbone	Zhengzhou	China	42.236.71.190	Henan	
AS7029 Windstream Communications LLC	Clemmons	United States	40.130.58.121	North Carolina	27012
AS7029 Windstream Communications LLC	Crawfordsville	United States	40.129.116.253	Indiana	47933
AS4837 CHINA UNICOM China169 Backbone	Qingdao	China	39.88.172.224	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Jinan	China	39.81.56.55	Shandong	
AS8439 JSC AIST	Samara	Russia	37.9.145.105	Samarskaya Oblast'	404146
AS20857 Transip B.V.	Leiden	Netherlands	37.34.59.43	South Holland	
AS12479 Orange Espagne SA	Elche	Spain	37.15.132.209	Valencia	03204
AS8402 VimpelCom	Tula	Russia	37.144.193.167	Tul'skaya Oblast'	300012
AS17974 PT Telekomunikasi Indonesia	Jakarta	Indonesia	36.78.2.235	Jakarta	
AS17974 PT Telekomunikasi Indonesia	Banjarmasin	Indonesia	36.75.9.94	South Kalimantan	
AS9808 Guangdong Mobile Communication Co.Ltd.	Beijing (Xicheng Qu)	China	36.185.35.184	Beijing	
AS15169 Google LLC	Carmel	United States	35.192.99.21	Indiana	46032
AS14618 Amazon.com, Inc.	Ashburn	United States	34.237.52.227	Virginia	20149

AS14618 Amazon.com, Inc.	Ashburn	United States	34.236.6.231	Virginia	20149
AS9145 EWE-Tel GmbH	Leezdorf	Germany	31.150.227.145	Lower Saxony	26529
AS44546 ALFA TELECOM s.r.o.	London	United Kingdom	31.148.213.147	England	
AS45758 Triple T Internet/Triple T Broadband	Bangkok	Thailand	27.130.162.168	Bangkok	10120
AS11351 Time Warner Cable Internet LLC	Tully	United States	24.59.66.191	New York	13159
AS11351 Time Warner Cable Internet LLC	Saratoga Springs	United States	24.194.255.128	New York	12866
AS11426 Time Warner Cable Internet LLC	Clemmons	United States	24.163.25.28	North Carolina	27012
AS7922 Comcast Cable Communications, LLC	Seattle	United States	24.16.215.147	Washington	98168
AS11260 EastLink	Halifax	Canada	24.137.102.145	Nova Scotia	B3M
AS7922 Comcast Cable Communications, LLC	Chicago	United States	24.12.118.194	Illinois	60646
AS7922 Comcast Cable Communications, LLC	Saint Paul	United States	24.118.252.150	Minnesota	55118
AS20940 Akamai International B.V.	Amsterdam	Netherlands	23.59.124.151	North Holland	1091
AS20940 Akamai International B.V.	Cambridge	United States	23.57.150.196	Massachusetts	02142
AS6762 TELECOM ITALIA SPARKLE S.p.A.	Amsterdam	Netherlands	23.40.120.171	North Holland	1091
AS20940 Akamai International B.V.	Cambridge	United States	23.220.136.37	Massachusetts	02142
AS33650 Comcast Cable Communications, LLC	Cambridge	United States	23.217.12.17	Massachusetts	02142
AS16625 Akamai Technologies, Inc.	Cambridge	United States	23.212.34.51	Massachusetts	02142
AS16625 Akamai Technologies, Inc.	Cambridge	United States	23.199.128.82	Massachusetts	02142
AS16625 Akamai Technologies, Inc.	Cambridge	United States	23.195.245.199	Massachusetts	02142
AS7018 AT&T; Services, Inc.	Hazel Green	United States	23.119.76.244	Alabama	35750
AS9808 Guangdong Mobile Communication Co.Ltd.	Nanchang	China	223.84.179.106	Jiangxi	
AS4766 Korea Telecom	Changwon	Republic of Korea	222.97.107.194	Gyeongsangnam-do	
AS4134 No.31,Jin-rong Street	Sanming	China	222.78.160.154	Fujian	
AS4766 Korea Telecom	Gyeongsan-si	Republic of Korea	222.103.3.32	Gyeongsangbuk-do	
AS17638 ASN for TIANJIN Provincial Net of CT	Tianjin	China	221.238.199.103	Tianjin	
AS4837 CHINA UNICOM China169 Backbone	Jinzhou	China	221.202.130.187	Liaoning	
AS4766 Korea Telecom	Incheon	Republic of Korea	220.79.22.225	Incheon	
AS4766 Korea Telecom	Seoul	Republic of Korea	220.72.50.118	Seoul	
AS17676 Softbank BB Corp.	Onomichi	Japan	220.19.248.177	Hiroshima	722-0046

AS4134 No.31,Jin-rong Street	Hangzhou	China	220.184.24.224	Zhejiang	
AS18182 Sony Network Taiwan Limited	Kaohsiung City	Taiwan	219.85.125.65	Kaohsiung	
AS31122 Digiweb ltd	Dundalk	Ireland	217.78.0.213	Leinster	
AS9143 Ziggo	Sittard	Netherlands	217.63.30.4	Limburg	6132
AS9143 Ziggo	The Hague	Netherlands	217.62.134.119	South Holland	2492
AS6739 Vodafone Ono, S.A.	Seville	Spain	217.216.244.221	Andalusia	41005
AS12302 Vodafone Romania S.A.	Sibiu	Romania	217.10.207.182	Judetul Sibiu	550345
AS11522 Greater Sudbury Telecommunications Inc.	North Bay	Canada	216.223.79.14	Ontario	P1B
AS5432 Proximus NV	Brussels	Belgium	213.49.165.52	Brussels Capital	1080
AS206206 Kurdistan Net Company for Computer and Internet Ltd.	Erbil	Iraq	213.32.252.131	Muhafazat Arbil	
AS3269 Telecom Italia	Rome	Italy	213.26.125.141	Latium	
AS12322 Free SAS	Montpellier	France	213.228.21.59	Occitanie	34000
AS8285 VERSIA Ltd	Riga	Latvia	213.21.247.90	Riga	
AS2110 BT Communications Ireland Limited	Dublin	Ireland	213.202.146.136	Leinster	D02
AS203424 Tussa Ikt As	Ørsta	Norway	213.128.164.239	More og Romsdal fylke	6150
AS6848 Telenet BVBA	Bruges	Belgium	213.118.5.135	Flanders	8310
AS9085 SUPERMEDIA Sp.z.o.o.	Warsaw	Poland	212.75.107.254	Mazovia	00-202
AS12479 Orange Espagne SA	Madrid	Spain	212.169.185.158	Madrid	28020
AS12552 IP-Only Networks AB	Helsinki	Finland	212.16.172.35	Uusimaa	00180
AS15377 ISP Fregat Ltd.	Dnipro	Ukraine	212.115.242.37	Dnipro	49020
AS4766 Korea Telecom	Seoul	Republic of Korea	211.48.124.148	Seoul	
AS46430 VICTON, Inc.	North York	Canada	208.71.117.214	Ontario	M2R
AS6181 Cincinnati Bell Telephone Company LLC	Cincinnati	United States	208.102.88.227	Ohio	45244
AS852 TELUS Communications Inc.	Richmond	Canada	207.81.1.69	British Columbia	V7A
AS209 Qwest Communications Company, LLC	Pueblo	United States	207.224.15.231	Colorado	81008
AS11814 DISTRIBUTEL COMMUNICATIONS LTD.	Toronto	Canada	204.11.123.190	Ontario	M5E
AS1659 Taiwan Academic Network (TANet) Information Center	Kaohsiung City	Taiwan	203.72.210.77	Kaohsiung	
AS4618 Internet Thailand Company Limited	Si Racha	Thailand	203.150.150.11	Changwat Chon Buri	20110
AS7616 Jasmine Internet Co, Ltd.	Bangkok	Thailand	203.147.22.21	Bangkok	96468
AS17488 Hathway IP Over Cable Internet	Mumbai	India	202.88.135.131	Maharashtra	400018
AS9341 PT Indonesia Comnets Plus	Jakarta	Indonesia	202.162.220.231	Jakarta	
AS9246 Teleguam Holdings, LLC	Tamuning	Guam	202.151.91.229		96931
AS10481 Prima S.A.	Villa Angelica	Argentina	201.212.123.172	Entre Rios	2000

AS8151 Uninet S.A. de C.V.	Mexico City	Mexico	201.114.144.28	Mexico City	63000
AS8151 Uninet S.A. de C.V.	Veracruz	Mexico	201.111.34.120	Veracruz	91700
AS12874 Fastweb	Monza	Italy	2.229.132.166	Lombardy	20900
AS16625 Akamai Technologies, Inc.	Frankfurt am Main	Germany	2.16.202.128	Hesse	
AS5607 Sky UK Limited	Edinburgh	United Kingdom	2.121.30.248	Scotland	EH1
AS13367 Comcast Cable Communications, LLC	Minneapolis	United States	199.244.223.147	Minnesota	55443
AS394446 Newaygo County Regional Educational Service Agency	Fremont	United States	199.176.235.202	Michigan	49412
AS22663 Prominic.NET, Inc.	Little Rock	United States	199.103.3.62	Arkansas	72223
AS54600 PEG TECH INC	Beijing	China	198.2.236.83	Beijing	
AS37492 ORANGE-	Tunis	Tunisia	197.27.98.37	Gouvernorat de Tunis	
AS12371 Aveny GmbH	Dissen	Germany	195.60.113.121	Lower Saxony	49201
AS9143 Ziggo	Utrecht (Bedrijventerrein Lageweide)	Netherlands	195.35.244.41	Utrecht	
AS50204 PE Bondar TN	Donetsk	Ukraine	195.211.253.198	Donets'ka Oblast'	
AS197695 Domain names registrar REG.RU, Ltd	Moscow	Russia	194.58.115.175	Moscow	
AS2607 Zdruzenie pouzivatelov Slovenskej akademickej datovej siete	Banská Bystrica	Slovakia	194.160.44.161	Banska Bystrica	974 04
AS198323 TOV Informatsiyni Kirovohrads'ki Systemy	Kropyvnytskyi	Ukraine	194.117.252.106	Kropyvnytskyi	25019
AS42371 PJSC Rostelecom	Kurovshchino	Russia	193.33.62.78	Tambovskaya Oblast'	392012
AS3215 Orange	Issy-les-Moulineaux	France	193.248.157.54	Île-de-France	
AS64013 Ping Network Limited	Thousand Oaks	United States	192.186.63.104	California	91362
AS15133 MCI Communications Services, Inc. d/b/a Verizon Business	Lancaster	United States	192.16.37.220	Pennsylvania	17611
AS27699 TELEFÔNICA BRASIL S.A	São Paulo	Brazil	191.254.122.141	Sao Paulo	
AS3816 COLOMBIA TELECOMUNICACIONES S.A. ESP	Bogotá (Teusaquillo)	Colombia	190.69.58.199	Bogota D.C.	
AS5639 Telecommunication Services of Trinidad and Tobago	Chaguanas	Trinidad and Tobago	190.59.18.173	Chaguanas	
AS22047 VTR BANDA ANCHA S.A.	Santiago	Chile	190.45.145.222	Santiago Metropolitan	
AS8048 CANTV Servicios, Venezuela	Maracay	Venezuela	190.39.49.57	Aragua	
AS6147 Telefonica del Peru S.A.A.	Lima	Peru	190.237.161.3	Provincia de Lima	
AS6147 Telefonica del Peru S.A.A.	Lima	Peru	190.234.35.13	Lima	
AS22047 VTR BANDA ANCHA S.A.	Antofagasta	Chile	190.162.205.5	Antofagasta	
AS22724 PUNTONET S.A.	Guayaquil	Ecuador	190.12.24.121	Provincia del Guayas	
AS8151 Uninet S.A. de C.V.	Lerma de Villada	Mexico	189.251.216.81	Estado de Mexico	52004
AS8151 Uninet S.A. de C.V.	Mexico City	Mexico	189.226.73.42	Mexico City	63000
AS8151 Uninet S.A. de C.V.	Monterrey	Mexico	189.152.90.232	Nuevo León	64460
AS8151 Uninet S.A. de C.V.	Cancún	Mexico	189.149.227.43	Quintana Roo	

AS3209 Vodafone GmbH	Reichenbach an der Fils	Germany	188.99.62.106	Baden-Württemberg Region	73262
AS3209 Vodafone GmbH	Braunschweig	Germany	188.96.237.64	Lower Saxony	38102
AS3243 Servicos De Comunicacoes E Multimedia S.A.	Aveiro	Portugal	188.80.91.99	Aveiro	3800-000
AS3303 Swisscom (Switzerland) Ltd	Zurich	Switzerland	188.62.219.145	Zurich	8037
AS3303 Swisscom (Switzerland) Ltd	St. Gallen	Switzerland	188.60.163.156	Saint Gallen	9000
AS50543 JSC ER-Telecom Holding	Engel's	Russia	188.235.173.140	Saratovskaya Oblast'	413100
AS35805 JSC Silknet	Tbilisi	Georgia	188.169.9.95	K'alak'i T'bilisi	
AS16276 OVH SAS	Paris	France	188.165.230.245	Île-de-France	75001
AS13037 Zen Internet Ltd	Reading	United Kingdom	188.122.41.134	England	RG30
AS12389 PJSC Rostelecom	Rostov-on-Don	Russia	188.114.45.180	Rostov	344004
AS3209 Vodafone GmbH	Cologne	Germany	188.100.57.129	North Rhine-Westphalia	50676
AS8151 Uninet S.A. de C.V.	Tijuana	Mexico	187.250.67.175	Estado de Baja California	22195
AS8151 Uninet S.A. de C.V.	Cuernavaca	Mexico	187.226.84.137	Morelos	62170
AS8151 Uninet S.A. de C.V.	Mexico City	Mexico	187.214.214.13	Mexico City	63000
AS8151 Uninet S.A. de C.V.	Mexico City	Mexico	187.199.190.124	Mexico City	63000
AS7738 Telemar Norte Leste S.A.	Belo Horizonte	Brazil	187.125.87.141	Minas Gerais	
AS8048 CANTV Servicios, Venezuela	Caracas (Roca Tarpeya)	Venezuela	186.89.93.88	Capital	
AS53199 The Center Informatica Ltda	Avare	Brazil	186.235.33.154	Sao Paulo	18700
AS26615 Tim Celular S.A.	Vitória da Conquista	Brazil	186.229.97.57	Bahia	
AS53078 Acesse Comunicação Ltda	Guacui	Brazil	186.193.17.228	Espirito Santo	29560
AS57660 Com4 AS	Sarpsborg	Norway	185.67.17.75	Østfold	1735
AS201508 Pure Broadband Limited	Hull	United Kingdom	185.4.27.22	England	HU3
AS61272 Informacines sistemas ir technologijos, UAB	Šiauliai	Republic of Lithuania	185.25.49.247	Siauliu apskritis	
AS44489 STARNET, s.r.o.	Velesin	Czechia	185.15.145.122	Jihocesky kraj	382 32
AS197077 Axartel Comunicaciones S.L	Nerja	Spain	185.137.142.232	Andalusia	29780
AS200532 LLP Kompaniya Hoster.KZ	Karagandy	Kazakhstan	185.100.65.164	Qaraghandy Oblysy	
AS21409 Ikoula Net SAS	Rotterdam (Overschie)	Netherlands	185.10.99.173	South Holland	
AS3257 GTT Communications Inc.	Cambridge	United States	184.86.193.25	Massachusetts	02142
AS17974 PT Telekomunikasi Indonesia	Cambridge	United States	184.30.164.199	Massachusetts	02142
AS812 Rogers Communications Canada Inc.	Cambridge	United States	184.25.71.117	Massachusetts	02142
AS5650 Frontier Communications of America, Inc.	Fort Wayne	United States	184.17.235.80	Indiana	46804
AS209 Qwest Communications Company, LLC	Glendale	United States	184.103.203.203	Arizona	85304
AS9269 Hong Kong Broadband Network Ltd.	City of Victoria	Hong Kong	183.178.182.83	Central and Western District	
AS4134 No.31,Jin-rong Street	Lishui	China	183.151.75.249	Zhejiang	

AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	183.117.223.96	Gyeonggi-do	
AS4837 CHINA UNICOM China169 Backbone	Jiyuan	China	182.115.190.130	Henan	
AS7303 Telecom Argentina S.A.	Villa Angelica	Argentina	181.93.9.222	Entre Rios	2000
AS27747 Telecentro S.A.	Avellaneda	Argentina	181.47.186.74	Buenos Aires	1870
AS200983 Abc-hosters LLC	Los Angeles	United States	181.214.245.148	California	90009
AS10481 Prima S.A.	Buenos Aires	Argentina	181.170.194.158	Buenos Aires F.D.	34034
AS4134 No.31,Jin-rong Street	Nanjing	China	180.111.40.208	Jiangsu	
AS4134 No.31,Jin-rong Street	Nanjing	China	180.111.36.141	Jiangsu	
AS4134 No.31,Jin-rong Street	Nanjing	China	180.111.125.74	Jiangsu	
AS395378 Cascade Divide Colo, Inc.	Roseburg	United States	179.61.217.223	Oregon	97470
AS6400 Compañía Dominicana de Teléfonos, C. por A. - CODETEL	Santo Domingo	Dominican Republic	179.53.24.130	Nacional	10206
AS8167 Brasil Telecom S/A - Filial Distrito Federal	Goiânia	Brazil	179.252.145.145	Goiás	
AS3209 Vodafone GmbH	Bochum	Germany	178.9.199.251	North Rhine-Westphalia	44803
AS16276 OVH SAS	London	United Kingdom	178.32.51.155	England	
AS3303 Swisscom (Switzerland) Ltd	Lucerne	Switzerland	178.198.189.132	Lucerne	6006
AS6697 Republican Unitary Telecommunication Enterprise Beltelecom	Minsk	Belarus	178.172.148.48	Minsk	
AS6848 Telenet BVBA	Veurne	Belgium	178.119.128.155	Flanders	8630
AS263130 Lays Valeria Costa Almeida França - epp	Porteirinha	Brazil	177.92.246.2	Minas Gerais	39520
AS16735 ALGAR TELECOM S/A	Curitiba	Brazil	177.69.89.40	Parana	
AS26615 Tim Celular S.A.	São Paulo	Brazil	177.28.198.202	Sao Paulo	
AS52542 3Net Telecomunicações Ltda-ME	Birigui	Brazil	177.152.150.244	Sao Paulo	
AS8386 Vodafone Net Iletisim Hizmetleri Anonim Sirketi	Antakya	Turkey	176.216.219.57	Hatay	
AS8402 VimpelCom	Moscow	Russia	176.14.233.130	Moscow	102128
AS58054 TV-NET LLC	Kiev	Ukraine	176.113.173.111	Kyiv City	02094
AS198490 Profnet	Swiedziebnia	Poland	176.108.131.13	Kujawsko-Pomorskie	87-335
AS9924 Taiwan Fixed Network, Telco and Network Service Provider.	Taipei	Taiwan	175.99.105.148	Taipei City	
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	175.231.111.202	Gyeonggi-do	
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	175.224.203.54	Gyeonggi-do	
AS4837 CHINA UNICOM China169 Backbone	Changchun	China	175.22.190.67	Jilin	
AS4134 No.31,Jin-rong Street	Loudi	China	175.2.38.96	Hunan	
AS4766 Korea Telecom	Paju	Republic of Korea	175.192.134.121	Gyeonggi-do	

AS9318 SK Broadband Co Ltd	Anjung	Republic of Korea	175.123.7.215	Gyeonggi-do	
AS33363 BRIGHT HOUSE NETWORKS, LLC	Bakersfield	United States	174.135.104.223	California	93308
AS812 Rogers Communications Canada Inc.	Markham	Canada	174.117.180.206	Ontario	L6E
AS11426 Time Warner Cable Internet LLC	Fayetteville	United States	174.110.17.112	North Carolina	28304
AS10796 Time Warner Cable Internet LLC	Erie	United States	174.100.0.79	Pennsylvania	16509
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Fords	United States	173.70.241.229	New Jersey	08863
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Basking Ridge	United States	173.54.186.148	New Jersey	07920
AS4788 TM Net, Internet Service Provider	Cambridge	United States	173.222.155.149	Massachusetts	02142
AS5769 Videotron Telecom Ltee	Saint-Jean-sur-Richelieu	Canada	173.177.230.7	Quebec	J3B
AS11427 Time Warner Cable Internet LLC	El Paso	United States	173.175.151.19	Texas	79925
AS20115 Charter Communications	Dora	United States	172.223.0.34	Alabama	35062
AS7552 Viettel Group	Hanoi	Vietnam	171.224.86.181	Thanh Pho Ha Noi	
AS4837 CHINA UNICOM China169 Backbone	Taiyuanshi	China	171.116.245.160	Shanxi	
AS18632 Volcano Internet provider	Pioneer	United States	170.75.138.107	California	95666
AS11377 SendGrid, Inc.	Denver	United States	168.245.62.26	Colorado	80202
AS2665 Shared Services Canada	Ottawa	Canada	167.37.62.81	Ontario	K1A
AS18779 EGIHosting	San Jose	United States	166.88.249.191	California	95113
AS46606 Unified Layer	Provo	United States	162.144.32.200	Utah	84606
AS132839 POWER LINE (HK) CO., LIMITED	Lynnwood	South Africa	160.124.194.107	Gauteng	0173
AS766 Entidad Publica Empresarial Red.es	Madrid	Spain	158.99.227.74	Madrid	28001
AS16276 OVH SAS	Montreal	Canada	158.69.215.25	Quebec	H3G
AS16276 OVH SAS	Montreal	Canada	158.69.157.16	Quebec	H3G
AS8218 Zayo France SAS	Paris	France	158.255.104.184	Île-de-France	
AS23342 Unitedlayer, Inc.	Berkeley	United States	157.151.123.31	California	94704
AS4837 CHINA UNICOM China169 Backbone	Huilong	China	153.99.154.46	Jiangsu	
AS3209 Vodafone GmbH	Darmstadt	Germany	145.253.97.234	Hesse	
AS20001 Time Warner Cable Internet LLC	Sylmar	United States	142.129.43.46	California	91342
AS4134 No.31,Jin-rong Street	Binzhou	China	140.255.194.1	Shandong	
AS87 Indiana University	Indianapolis	United States	140.182.130.207	Indiana	46202
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	14.91.168.52	Gyeonggi-do	

AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	14.72.58.179	Gyeonggi-do	
AS4766 Korea Telecom	Daegu	Republic of Korea	14.45.225.82	Daegu	
AS6250 NeoNova Network Services, LLC	Raleigh	United States	137.118.37.246	North Carolina	27607
AS29562 Kabel BW	Stuttgart	Germany	134.3.155.21	Baden-Württemberg Region	70186
AS26617 Navega.com S.A.	San Salvador	El Salvador	131.100.143.22	Departamento de San Salvador	
AS35816 Lancom Ltd.	Sevastopol	Ukraine	130.255.134.111	Gorod Sevastopol	
AS12093 University of Waterloo	Waterloo	Canada	129.97.163.33	Ontario	N2L
AS1103 SURFnet bv	Groningen	Netherlands	129.125.133.132	Groningen	9718
AS73 University of Washington	Seattle	United States	128.95.12.75	Washington	98111
AS17676 Softbank BB Corp.	Chigasaki	Japan	126.216.7.29	Kanagawa	253-0041
AS17858 LG POWERCOMM	Seoul	Republic of Korea	125.186.131.110	Seoul	
AS4134 No.31,Jin-rong Street	Quzhou	China	125.105.196.150	Zhejiang	
AS2514 NTT PC Communications, Inc.	Yokohama	Japan	124.154.90.214	Kanagawa	231-0005
AS17857 NAKDONGDIGITALBUSANNET-AS-	Busan	Republic of Korea	123.99.110.190	Busan	
AS131596 TBC	Taichung	Taiwan	123.240.208.14	Taichung City	
AS38381 Travelsky Technology Limited	Beijing	China	122.119.111.61	Beijing	
AS17705 InSPire Net Ltd	Kumeroa	New Zealand	121.79.244.137	Manawatu-Wanganui	4997
AS4837 CHINA UNICOM China169 Backbone	Langfang	China	121.23.57.6	Hebei	
AS4766 Korea Telecom	Ulsan	Republic of Korea	121.146.59.244	Ulsan	
AS4134 No.31,Jin-rong Street	Fuzhou	China	120.40.169.39	Fujian	
AS18318 CJ Hello Co., Ltd.	Suncheon (Gijeoguidoseogwan 1-gil)	Republic of Korea	119.75.140.239	Jeollanam-do	
AS4837 CHINA UNICOM China169 Backbone	Cangzhou	China	119.251.141.122	Hebei	
AS4766 Korea Telecom	Busan	Republic of Korea	119.217.13.209	Busan	
AS4766 Korea Telecom	Pocheon-si	Republic of Korea	119.209.170.126	Gyeonggi-do	
AS4766 Korea Telecom	Seoul (Chang 1(il)-dong)	Republic of Korea	119.192.62.24	Seoul	
AS4837 CHINA UNICOM China169 Backbone	Shenyang	China	119.119.32.165	Liaoning	
AS4134 No.31,Jin-rong Street	Xiantao	China	119.101.16.33	Hubei	
AS4766 Korea Telecom	Jeju City	Republic of Korea	118.43.202.70	Jeju-do	

AS9318 SK Broadband Co Ltd	Seoul (Toegye-ro)	Republic of Korea	118.218.69.154	Seoul	
AS4134 No.31,Jin-rong Street	Hefei	China	117.68.30.201	Anhui	
AS7552 Viettel Group	Hanoi	Vietnam	117.0.91.246	Thanh Pho Ha Noi	
AS4837 CHINA UNICOM China169 Backbone	Baotou	China	116.116.253.208	Inner Mongolia Autonomous Region	
AS4837 CHINA UNICOM China169 Backbone	Luoyang	China	115.50.84.105	Henan	
AS4134 No.31,Jin-rong Street	Ningbo	China	115.214.152.126	Zhejiang	
AS4134 No.31,Jin-rong Street	Jinhua	China	115.209.31.21	Zhejiang	
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	115.12.227.218	Gyeonggi-do	
AS37963 Hangzhou Alibaba Advertising Co.,Ltd.	Hangzhou	China	114.55.28.192	Zhejiang	
AS4134 No.31,Jin-rong Street	Nanjing	China	114.239.193.162	Jiangsu Sheng	
AS4134 No.31,Jin-rong Street	Hefei	China	114.103.254.6	Anhui	
AS4134 No.31,Jin-rong Street	Hefei	China	114.101.16.161	Anhui	
AS4837 CHINA UNICOM China169 Backbone	Dalian	China	113.234.175.51	Liaoning	
AS4134 No.31,Jin-rong Street	Jinan	China	113.122.141.100	Shandong	
AS9808 Guangdong Mobile Communication Co.Ltd.	Beijing (Xicheng Qu)	China	112.45.32.90	Beijing	
AS24444 Shandong Mobile Communication Company Limited	Tai'an	China	112.36.117.85	Shandong	
AS10036 DLIVE	Seoul	Republic of Korea	112.214.37.122	Seoul	
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	112.180.28.190	Gyeonggi-do	
AS17858 LG POWERCOMM	Seoul (Hangang-daero)	Republic of Korea	112.159.42.42	Seoul	
AS17858 LG POWERCOMM	Seoul (Hangang-daero)	Republic of Korea	112.152.37.76	Seoul	
AS45820 Tata Teleservices ISP AS	Ahmedabad	India	111.93.69.129	Gujarat	380006
AS4837 CHINA UNICOM China169 Backbone	Langfang	China	110.251.146.201	Hebei	
AS4134 No.31,Jin-rong Street	Taiyuan	China	110.183.222.58	Shanxi	
AS9318 SK Broadband Co Ltd	Seoul	Republic of Korea	110.15.218.111	Seoul	
AS20590 Donbass Electronic Communications Ltd.	Donetsk	Ukraine	109.254.78.122	Donets'ka Oblast'	
AS44283 SE Dvoynin Andrey Viktorovich	Cheboksary	Russia	109.248.143.139	Chuvashia	428000
AS200775 Joao Carlos de Almeida Silveira trading as Bitcanal	Palaiseau	France	109.234.3.196	Île-de-France	
AS15557 SFR SA	Nort-sur-Erdre	France	109.20.28.27	Pays de la Loire	44390
AS29562 Kabel BW	Bad Friedrichshall	Germany	109.192.36.140	Baden-Württemberg Region	74177

AS12389 PJSC Rostelecom	Nizhniy Novgorod	Russia	109.184.250.90	Nizhegorodskaya Oblast'	603002
AS21127 JSC Zap-Sib TransTeleCom, Novosibirsk	Novosibirsk	Russia	109.171.70.221	Novosibirskaya Oblast'	630004
AS202155 OOO National Telecommunications	Saint Petersburg	Russia	109.120.190.57	St.-Petersburg	
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	West Orange	United States	108.53.158.211	New Jersey	07052
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Lindenhurst	United States	108.30.193.213	New York	11757
AS53667 FranTech Solutions	Roost	Luxembourg	107.189.2.220	Mersch	L-7759
AS18779 EGIHosting	San Jose	United States	107.187.179.245	California	95113
AS174 Cogent Communications	Chicago	United States	107.176.133.124	Illinois	60604
AS36352 ColoCrossing	San Jose	United States	107.174.163.169	California	95113
AS4134 No.31,Jin-rong Street	Zhengzhou	China	106.42.108.209	Henan	
AS6713 Itissalat Al-MAGHRIB	Al Hoceima	Morocco	105.144.106.72	Tanger-Tetouan-Al Hoceima	
AS20940 Akamai International B.V.	Amsterdam	Netherlands	104.83.55.68	North Holland	1091
AS16625 Akamai Technologies, Inc.	Cambridge	United States	104.76.251.12	Massachusetts	02142
AS13335 Cloudflare Inc	Montreal	Canada	104.31.155.103	Quebec	
AS18779 EGIHosting	San Jose	United States	104.252.135.239	California	95113
AS13335 Cloudflare Inc	Montreal	Canada	104.23.126.33	Quebec	
AS55286 B2 Net Solutions Inc.	Stoney Creek	Canada	104.227.82.233	Ontario	L8E
AS13335 Cloudflare Inc	Montreal	Canada	104.19.34.77	Quebec	
AS13335 Cloudflare Inc	Montreal	Canada	104.18.222.237	Quebec	
AS40676 Psychz Networks	Walnut	United States	104.149.138.154	California	91789
AS18334 Gyounggidongbu cable tv co., Ltd.	Seoul	Republic of Korea	103.23.84.34	Seoul	
AS4837 CHINA UNICOM China169 Backbone	Harbin	China	1.60.119.58	Heilongjiang	
AS4134 No.31,Jin-rong Street	Dongta	China	1.50.202.71	Ningsia Hui Autonomous Region	
AS4134 No.31,Jin-rong Street	Guiyang	China	1.206.60.127	Guizhou	
AS4134 No.31,Jin-rong Street	Sanmenxia	China	1.195.241.112	Henan	
AS4134 No.31,Jin-rong Street	Manzhouli	China	1.183.96.76	Inner Mongolia Autonomous Region	
AS4134 No.31,Jin-rong Street	Hohhot	China	1.183.13.22	Inner Mongolia Autonomous Region	