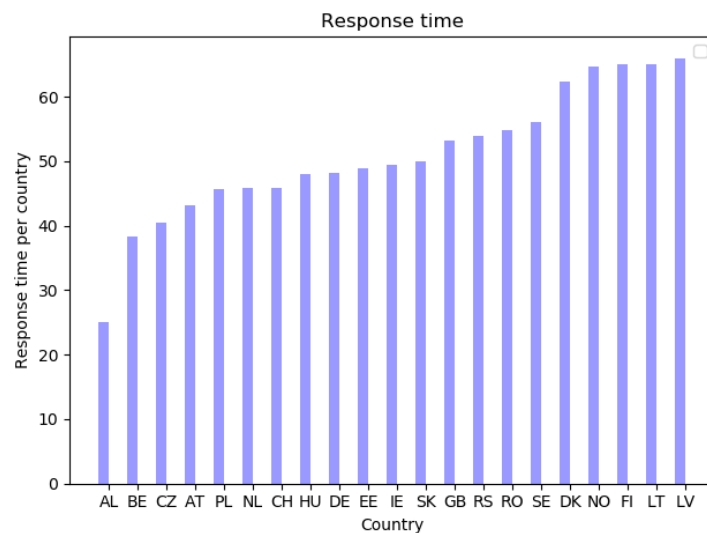


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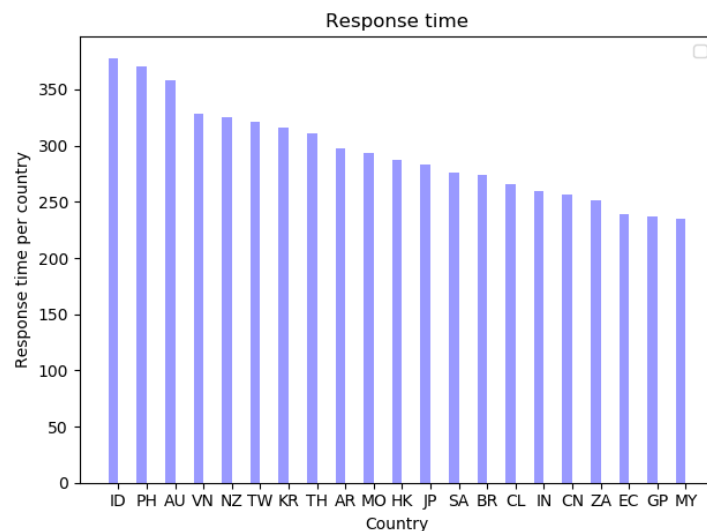
Time-Stats:

Totally pinged IP-Addresses: 10000
Responding IP-Addresses: 924
Not responding IP-Addresses: 9076
Percentage: 9.24

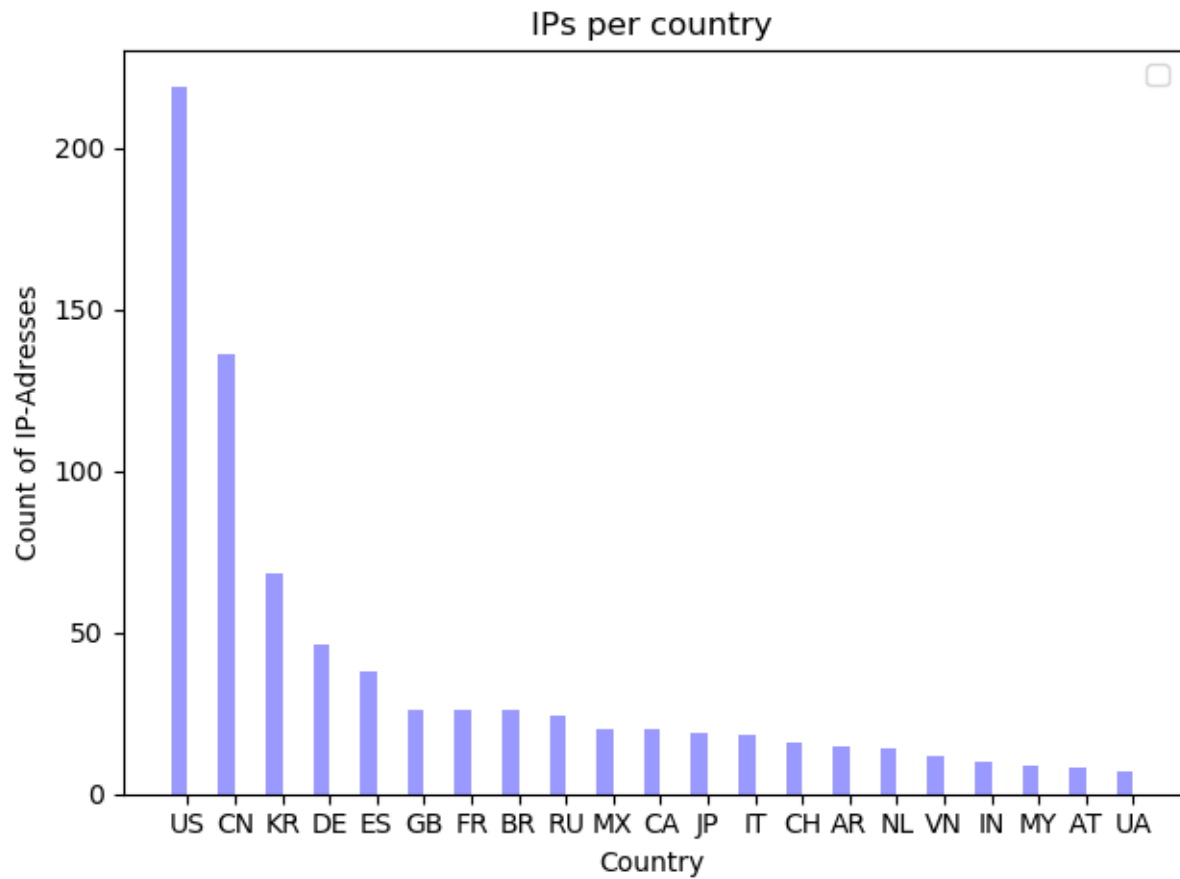
The average response time was 177.55
**Average response time for every country
(DESCENDING):**



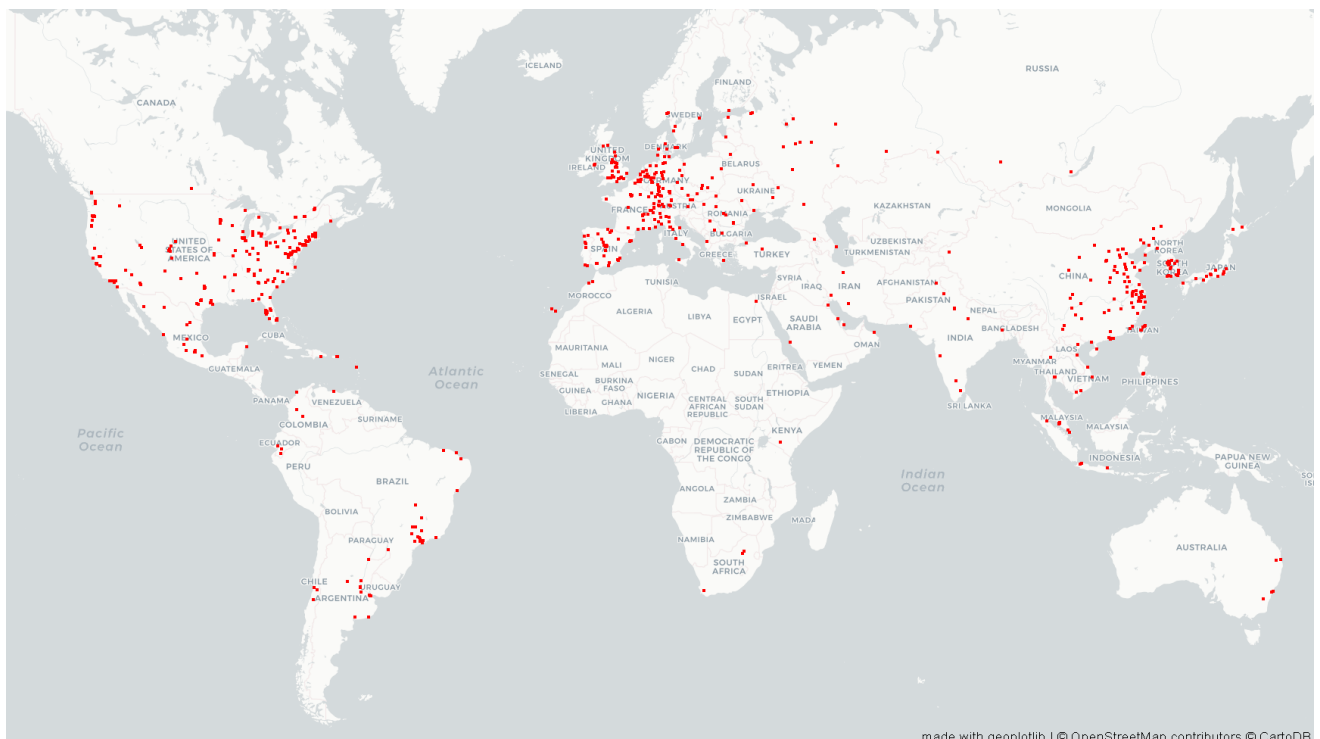
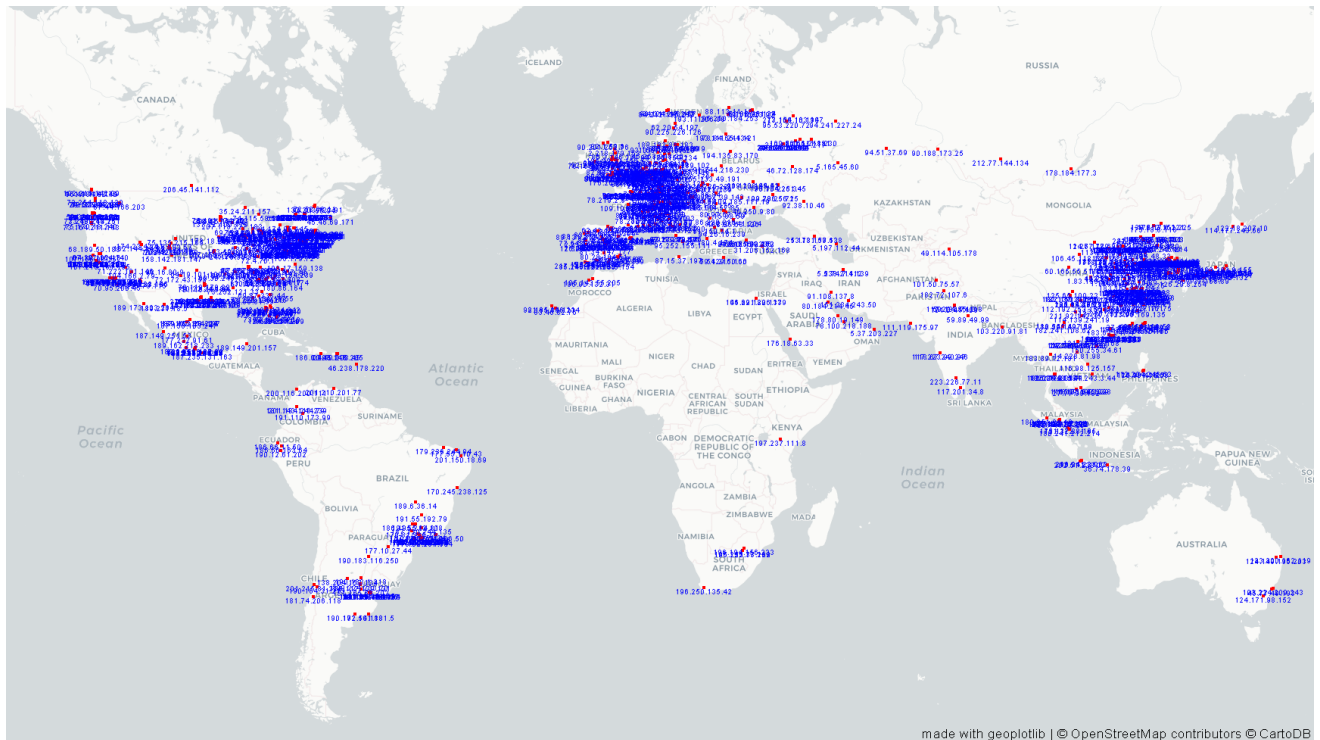
**Average response time for every country
(ASCENDING):**



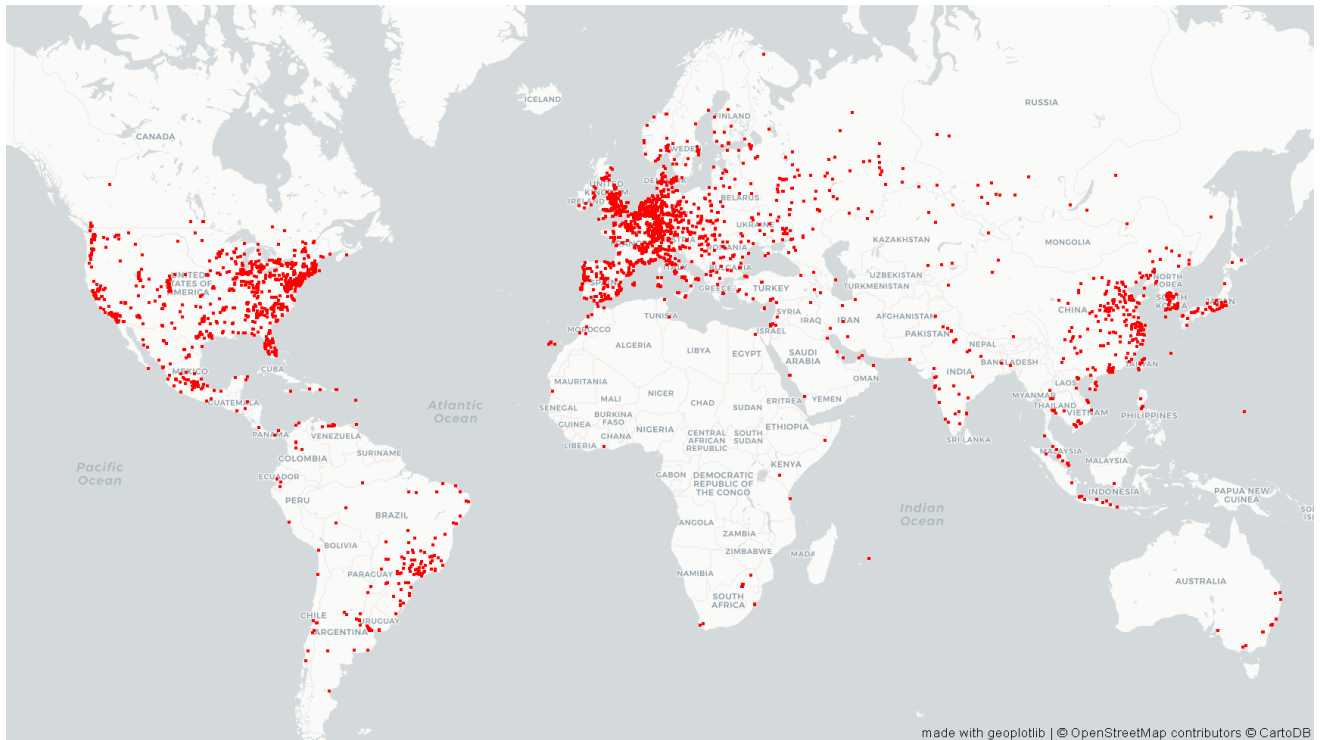
The dispersal of the responding IPs to the countrys:



The locations of every IP founded in this result:



The locations of every IP ever founded:



Name	City	Country	IP	Region	ZIP-Code
AS7018 AT&T; Services, Inc.	North Little Rock	United States	99.30.246.155	Arkansas	
AS7922 Comcast Cable Communications, LLC	Crown Point	United States	98.215.183.42	Indiana	46307
AS7922 Comcast Cable Communications, LLC	Chicago	United States	98.206.33.76	Illinois	60618
AS7922 Comcast Cable Communications, LLC	League City	United States	98.199.248.108	Texas	77573
AS7029 Windstream Communications LLC	Española	United States	98.16.80.9	New Mexico	87532
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Philadelphia	United States	98.115.13.199	Pennsylvania	19125
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Bayonne	United States	98.109.138.111	New Jersey	07002
AS30236 Cronomagic Canada Inc.	Montreal	Canada	97.107.208.113	Quebec	H2Y
AS33363 BRIGHT HOUSE NETWORKS, LLC	Holiday	United States	97.106.192.250	Florida	34691
AS7922 Comcast Cable Communications, LLC	Fort Lauderdale	United States	96.84.57.14	Florida	33308
AS7922 Comcast Cable Communications, LLC	Arlington	United States	96.66.107.22	Tennessee	38002
AS6327 Shaw Communications Inc.	Vancouver	Canada	96.49.118.174	British Columbia	V6M
AS8100 QuadraNet, Inc	Los Angeles	United States	96.44.135.1	California	90014
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Bel Air	United States	96.244.104.222	Maryland	21014
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Springfield	United States	96.240.226.234	Massachusetts	01107
AS5769 Videotron Telecom Ltee	Saint-Apollinaire	Canada	96.21.55.94	Quebec	
AS12389 PJSC Rostelecom	Khmelevoye	Russia	95.53.220.72	Vologodskaya Oblast'	162626
AS60275 PlzenecNET z. s.	Pilsen	Czechia	95.47.187.60	Plzensky kraj	332 02
AS3269 Telecom Italia	Naples	Italy	95.252.155.111	Campania	80125
AS3269 Telecom Italia	Sanremo	Italy	95.244.43.253	Liguria	18038
AS12715 Orange Espagne S.A.U.	Santomera	Spain	95.23.192.56	Murcia	30140
AS12715 Orange Espagne S.A.U.	Madrid	Spain	95.20.175.3	Madrid	28001
AS20940 Akamai International B.V.	Paris	France	95.100.171.188	Île-de-France	
AS29119 ServiHosting Networks S.L.	Pilar de la Horadada	Spain	94.76.132.139	Valencia	03190

AS12389 PJSC Rostelecom	Chelyabinsk	Russia	94.51.37.69	Chelyabinsk	454014
AS204281 Ng Ltd	Sofia	Bulgaria	94.26.16.239	Sofia-Capital	1000
AS12389 PJSC Rostelecom	Kirov	Russia	94.241.227.24	Kirovskaya Oblast'	610000
AS3209 Vodafone GmbH	Bruehl	Germany	94.221.99.30	North Rhine-Westphalia	50321
AS5607 Sky UK Limited	Rochester	United Kingdom	94.194.138.153	England	ME1
AS5607 Sky UK Limited	Bolton	United Kingdom	94.193.163.225	England	BL1
AS5607 Sky UK Limited	Doncaster	United Kingdom	94.192.58.186	England	DN2
AS5607 Sky UK Limited	Nottingham	United Kingdom	94.12.241.239	England	NG7
AS8400 TELEKOM SRBIJA a.d.	Belgrade	Serbia	93.86.220.216	Belgrade	
AS25229 Volia	Dnipro	Ukraine	93.78.25.72	Dnipro	49020
AS25229 Volia	Kharkiv	Ukraine	93.76.226.34	Kharkivs'ka Oblast'	61036
AS3320 Deutsche Telekom AG	Hessisch Oldendorf	Germany	93.218.80.147	Lower Saxony	31840
AS3320 Deutsche Telekom AG	Calau	Germany	93.218.228.176	Brandenburg	03205
AS42965 net services GmbH & Co. KG	Tuttendorf	Germany	93.181.15.81	Schleswig-Holstein	24214
AS5467 Non state educational institution Educational Scientific and Experimental Center of Moscow In	Moscow	Russia	93.175.24.92	Moscow	102128
AS3292 Tele Danmark	Esbjerg	Denmark	93.166.168.115	South Denmark	
AS3292 Tele Danmark	Oslo	Norway	93.124.246.157	Oslo County	0001
AS8708 RCS & RDS	Oradea	Romania	93.114.57.85	Bihor	410001
AS3209 Vodafone GmbH	Hamburg	Germany	92.76.83.11	Hamburg	20095
AS34274 ELB Multimedia SARL	Villeurbanne	France	92.39.255.84	Rhône-Alpes	
AS24758 Mikroel Ltd	Volgodonsk	Russia	92.38.10.46	Rostov	347395
AS15747 EWE-Tel GmbH	Osnabrück	Germany	92.252.51.56	Lower Saxony	49078
AS6830 Liberty Global Operations B.V.	Dublin	Ireland	92.235.70.39	Leinster	
AS12715 Orange Espagne S.A.U.	Seville	Spain	92.191.32.8	Andalusia	41070
AS12479 Orange Espagne SA	Alcorcón	Spain	92.185.195.11	Madrid	28921
AS12479 Orange Espagne SA	San Cristóbal de La Laguna	Spain	92.185.146.114	Canary Islands	38108
AS12479 Orange Espagne SA	Madrid	Spain	92.176.233.238	Madrid	28001
AS29562 Kabel BW	Karlsruhe	Germany	91.89.250.120	Baden-Württemberg Region	76139
AS59607 Telewizja Kablowa Hajnowka, Kiedys, Kiryluk, SJ	Bielsk Podlaski	Poland	91.244.216.230	Podlasie	17-100

AS8400 TELEKOM SRBIJA a.d.	Prokuplje	Serbia	91.150.74.1	Toplica	
AS34743 Nashnet Ltd	Kiev	Ukraine	91.123.149.52	Kyiv City	02232
AS58256 Rayaneh Gostar Farzanegan Ahwaz Company LTD.	Ahwaz	Iran	91.108.137.8	Khuzestan	
AS3301 Telia Company AB	Göteborg	Sweden	90.225.226.126	Västra Götaland	400 12
AS5607 Sky UK Limited	Gloucester	United Kingdom	90.215.185.96	England	GL4
AS5607 Sky UK Limited	Bristol	United Kingdom	90.211.238.78	England	BS1
AS5607 Sky UK Limited	Glasgow	United Kingdom	90.201.252.76	Scotland	G42
AS12389 PJSC Rostelecom	Omsk	Russia	90.188.173.25	Omskaya Oblast'	644000
AS12479 Orange Espagne SA	Alcorcón	Spain	90.173.9.180	Madrid	28922
AS6730 Sunrise Communications AG	Lausanne	Switzerland	89.217.216.222	Vaud	1010
AS6805 Telefonica Germany	Heidelberg	Germany	89.14.150.104	Baden-Württemberg Region	69124
AS12479 Orange Espagne SA	Vigo	Spain	89.131.212.225	Galicia	36205
AS8997 PJSC Rostelecom	St Petersburg	Russia	89.110.23.92	St.-Petersburg	198332
AS3352 Telefonica De Espana	Valladolid	Spain	88.4.228.190	Castille and León	47002
AS3269 Telecom Italia	Gaggiano	Italy	88.36.9.159	Lombardy	20083
AS3352 Telefonica De Espana	Ourense	Spain	88.22.254.128	Galicia	32004
AS12322 Free SAS	Meximieux	France	88.178.132.193	Auvergne-Rhone-Alpes	01800
AS12322 Free SAS	Chalons-en-Champagne	France	88.173.24.114	Grand-Est	51000
AS719 Elisa Oyj	Helsinki	Finland	88.113.11.10	Uusimaa	00320
AS3269 Telecom Italia	Turin	Italy	87.8.217.177	Piedmont	10126
AS3 Massachusetts Institute of Technology	Antwerp (Berchem)	Belgium	87.67.123.220	Flanders	
AS3292 Tele Danmark	Copenhagen	Denmark	87.62.84.106	Capital Region	2600
AS3320 Deutsche Telekom AG	Marktheidenfeld	Germany	87.176.0.199	Bavaria	97828
AS3269 Telecom Italia	Palermo	Italy	87.15.37.197	Sicily	90126
AS3269 Telecom Italia	Rome	Italy	87.13.219.146	Latium	00134
AS15557 SFR SA	Chaville	France	86.69.218.222	Île-de-France	92370
AS1257 TELE2	Vienna	Austria	86.32.165.32	Vienna	1220
AS5089 Virgin Media Limited	Cardiff	United Kingdom	86.3.215.111	Wales	CF24
AS5089 Virgin Media Limited	Darlington	United Kingdom	86.3.146.181	England	DL3
AS5089 Virgin Media Limited	Nottingham	United Kingdom	86.19.126.1	England	NG15
AS5089 Virgin Media Limited	Derby	United Kingdom	86.18.157.140	England	DE22

AS15585 Finanzdirektion des Kantons Bern	Bern	Switzerland	86.118.140.199	Bern	3006
AS29545 iPlace Internet & Network Services GmbH	Bludenz	Austria	86.111.60.28	Vorarlberg	6700
AS5089 Virgin Media Limited	Northampton	United Kingdom	86.1.42.250	England	NN3
AS9158 Telenor A/S	Copenhagen	Denmark	85.82.166.89	Capital Region	2100
AS3243 Servicos De Comunicacoes E Multimedia S.A.	Faro	Portugal	85.243.222.238	Faro	8000-000
AS6805 Telefonica Germany	Berlin	Germany	85.181.101.104	Land Berlin	10178
AS5390 Euronet Communications B.V.	Schiedam	Netherlands	85.148.253.120	South Holland	3122
AS12479 Orange Espagne SA	San Agustin del Guadalix	Spain	84.76.89.173	Madrid	28750
AS3209 Vodafone GmbH	Munich	Germany	84.56.41.32	Bavaria	81249
AS8612 Tiscali SpA	Campi Bisenzio	Italy	84.221.223.236	Tuscany	50013
AS41164 Get AS	Asker	Norway	84.212.196.237	Akershus	1385
AS41164 Get AS	Oslo	Norway	84.211.17.242	Oslo County	0476
AS3320 Deutsche Telekom AG	Horneburg	Germany	84.180.206.49	Lower Saxony	21640
AS3320 Deutsche Telekom AG	Heiligenhafen	Germany	84.175.159.234	Schleswig-Holstein	23774
AS6830 Liberty Global Operations B.V.	Vienna	Austria	84.114.61.68	Vienna	1020
AS3303 Swisscom (Switzerland) Ltd	Zurich	Switzerland	83.79.127.220	Zurich	8055
AS3303 Swisscom (Switzerland) Ltd	La Tour-de-Peilz	Switzerland	83.77.76.62	Vaud	1814
AS3303 Swisscom (Switzerland) Ltd	Bern	Switzerland	83.76.243.170	Bern	3007
AS3303 Swisscom (Switzerland) Ltd	Lausanne	Switzerland	83.76.17.145	Vaud	1005
AS3352 Telefonica De Espana	Las Palmas de Gran Canaria	Spain	83.46.82.76	Canary Islands	35002
AS3352 Telefonica De Espana	Esplugues de Llobregat	Spain	83.45.113.41	Catalonia	08950
AS3352 Telefonica De Espana	Sant Pere de Ribes	Spain	83.42.69.178	Catalonia	08812
AS3352 Telefonica De Espana	Sant Cugat del Vallès	Spain	83.42.250.185	Catalonia	08173
AS3352 Telefonica De Espana	León	Spain	83.33.103.49	Castille and León	24003
AS39651 Com Hem AB	Malmo	Sweden	83.253.254.119	Skåne	208 42
AS31510 Innsbrucker Kommunalbetriebe AG	Innsbruck	Austria	83.175.68.143	Tyrol	6020
AS12322 Free SAS	Lille	France	83.154.43.44	Hauts-de-France	59000

AS12357 Vodafone Spain	Zaragoza	Spain	83.138.222.12	Aragon	50015
AS31306 TAURON Obsługa Klienta Sp. z o.o.	Gliwice	Poland	83.136.226.22	Silesia	44-100
AS13237 euNetworks Managed Services GmbH	Hanover	Germany	83.133.249.227	Lower Saxony	30451
AS12322 Free SAS	Toulouse	France	82.66.73.78	Occitanie	31000
AS3269 Telecom Italia	Florence	Italy	82.61.171.152	Tuscany	50125
AS5089 Virgin Media Limited	Stourbridge	United Kingdom	82.43.109.130	England	DY8
AS12322 Free SAS	Montrouge	France	82.253.192.198	Île-de-France	92120
AS12322 Free SAS	Strasbourg	France	82.238.198.79	Grand-Est	67200
AS12322 Free SAS	Vénissieux	France	82.235.157.5	Auvergne-Rhone-Alpes	69200
AS5089 Virgin Media Limited	Ipswich	United Kingdom	82.23.178.246	England	IP4
AS12322 Free SAS	Nancy	France	82.226.105.178	Grand-Est	54000
AS6830 Liberty Global Operations B.V.	Joita	Romania	82.210.141.204	Giurgiu	087150
AS3269 Telecom Italia	Ancona	Italy	82.185.66.190	The Marches	60123
AS8560 I&I Internet SE	Bonn	Germany	82.165.36.210	North Rhine-Westphalia	
AS6739 Vodafone Ono, S.A.	Alcalá de Henares	Spain	82.159.83.185	Madrid	28804
AS6848 Telenet BVBA	Brussels	Belgium	82.143.99.217	Brussels Capital	
AS5089 Virgin Media Limited	Woking	United Kingdom	82.11.127.141	England	GU21
AS5089 Virgin Media Limited	Farnborough	United Kingdom	82.10.119.248	England	GU14
AS5089 Virgin Media Limited	Edinburgh	United Kingdom	82.1.58.6	Scotland	EH11
AS6739 Vodafone Ono, S.A.	Santa Cruz de Tenerife	Spain	81.61.86.123	Canary Islands	38001
AS12322 Free SAS	Paris (8th arrondissement of Paris)	France	81.56.169.4	Île-de-France	
AS3352 Telefonica De Espana	Alicante	Spain	81.38.97.83	Valencia	03003
AS3352 Telefonica De Espana	Alicante	Spain	81.35.245.97	Valencia	03003
AS3352 Telefonica De Espana	Mora	Spain	81.34.147.177	Castille-La Mancha	45400
AS8339 kabelplus GmbH	Pressbaum	Austria	81.217.83.142	Lower Austria	3021
AS9121 Turk Telekom	Istanbul	Turkey	81.215.102.253	Istanbul	
AS6830 Liberty Global Operations B.V.	Alba Iulia	Romania	80.97.67.167	Judetul Alba	510134
AS3352 Telefonica De Espana	Navalmanzano	Spain	80.33.99.108	Castille and León	40280
AS3352 Telefonica De Espana	Puertollano	Spain	80.28.104.51	Castille-La Mancha	13500

AS15703 True B.V.	Amsterdam-Zuidoost (Zuidoostbeemster)	Netherlands	80.247.211.47	North Holland	
AS6412 KW KEMS Block-A, Floor 7, Souq Al-Kabeer Kuwait City, State of Kuwait P O Box 3623, Safat 130	Kuwait City (Jibla)	Kuwait	80.184.214.45	Al Asimah	
AS9143 Ziggo	Delft	Netherlands	80.112.179.37	South Holland	2614
AS12824 home.pl S.A.	Szczecin	Poland	79.96.239.102	West Pomeranian Voivodeship	
AS3269 Telecom Italia	Rome	Italy	79.53.15.135	Latium	00134
AS3269 Telecom Italia	Brescia	Italy	79.40.68.96	Lombardy	25100
AS3269 Telecom Italia	Verona	Italy	79.28.226.193	Veneto	37100
AS3269 Telecom Italia	Modena	Italy	79.26.41.159	Emilia-Romagna	41100
AS3269 Telecom Italia	Acqui Terme	Italy	79.24.52.39	Piedmont	15011
AS3320 Deutsche Telekom AG	Nuremberg	Germany	79.221.116.176	Bavaria	90408
AS6799 OTEnet S.A.	Athens	Greece	79.129.50.66	Attica	
AS12578 SIA Lattelecom	Riga (Centra rajons)	Latvia	78.84.65.134	Riga	
AS6805 Telefonica Germany	Hamburg	Germany	78.51.111.11	Hamburg	22303
AS8997 PJSC Rostelecom	St Petersburg	Russia	78.37.251.34	St.-Petersburg	190817
AS8422 NetCologne GmbH	Cologne	Germany	78.34.164.92	North Rhine-Westphalia	50670
AS12322 Free SAS	Poisy	France	78.240.110.120	Auvergne-Rhone-Alpes	74330
AS12322 Free SAS	Andresy	France	78.236.222.174	Île-de-France	78570
AS12322 Free SAS	Beaumont-les-Valence	France	78.230.241.184	Auvergne-Rhone-Alpes	26760
AS6848 Telenet BVBA	Ghent	Belgium	78.23.6.37	Flanders	9000
AS6848 Telenet BVBA	Lochristi	Belgium	78.23.35.100	Flanders	9080
AS12322 Free SAS	Carhaix-Plouguer	France	78.219.2.9	Brittany	29270
AS12322 Free SAS	Istres	France	78.207.8.15	Provence-Alpes-Côte d'Azur	13800
AS2110 BT Communications Ireland Limited	Dublin (Citywest)	Ireland	78.18.236.144	Leinster	
AS42298 Ooredoo Q.S.C.	Doha	Qatar	78.100.218.188	Baladiyat ad Dawhah	
AS6805 Telefonica Germany	Höxter	Germany	77.8.154.46	North Rhine-Westphalia	37671
AS15967 Nazwa.pl Sp.z.o.o.	Krakow (Grzegórzki)	Poland	77.55.117.78	Lesser Poland Voivodeship	
AS12353 Vodafone Portugal - Comunicacoes Pessoais S.A.	Porto	Portugal	77.54.130.167	Porto	4000-000
AS43146 Domain names registrar REG.RU, Ltd	Moscow	Russia	77.220.205.65	Moscow	102128
AS15557 SFR SA	Forbach	France	77.206.194.198	Grand-Est	57600

AS6805 Telefonica Germany	Dortmund	Germany	77.181.243.166	North Rhine-Westphalia	44149
AS6805 Telefonica Germany	Raunheim	Germany	77.178.27.33	Hesse	65479
AS6805 Telefonica Germany	Frankfurt am Main	Germany	77.176.164.100	Hesse	60528
AS6805 Telefonica Germany	Mannheim	Germany	77.176.146.24	Baden-Württemberg Region	68305
AS1136 KPN B.V.	's-Hertogenbosch	Netherlands	77.173.42.59	North Brabant	5211
AS15557 SFR SA	Trans-en-Provence	France	77.152.140.63	Provence-Alpes-Côte d'Azur	83720
AS15557 SFR SA	Sète	France	77.132.134.158	Occitanie	34200
AS12389 PJSC Rostelecom	Vologda	Russia	77.106.10.194	Vologodskaya Oblast'	160017
AS7922 Comcast Cable Communications, LLC	Haverhill	United States	76.127.223.194	Massachusetts	01830
AS7922 Comcast Cable Communications, LLC	Grand Rapids	United States	76.122.175.235	Michigan	49506
AS7922 Comcast Cable Communications, LLC	Brentwood	United States	76.114.100.178	Tennessee	37027
AS7922 Comcast Cable Communications, LLC	San Jose	United States	76.102.100.104	California	95117
AS12083 WideOpenWest Finance LLC	Dunlap	United States	75.76.40.190	Tennessee	37327
AS11426 Time Warner Cable Internet LLC	Little River	United States	75.182.36.174	South Carolina	29566
AS209 Qwest Communications Company, LLC	Portland	United States	75.175.104.20	Oregon	97214
AS209 Qwest Communications Company, LLC	Eugene	United States	75.170.18.240	Oregon	97401
AS209 Qwest Communications Company, LLC	Minneapolis	United States	75.161.174.253	Minnesota	55412
AS20115 Charter Communications	Kimball	United States	75.135.215.165	Nebraska	69145
AS33363 BRIGHT HOUSE NETWORKS, LLC	Tampa	United States	75.115.63.62	Florida	33614
AS20130 Depaul University	Chicago	United States	75.102.199.9	Illinois	60604
AS33067 Classic South Communications, L.L.C.	Washington	United States	74.51.97.19	Georgia	30673
AS11536 Sunrise Communications LLC	Onaway	United States	74.115.58.112	Michigan	49765
AS7922 Comcast Cable Communications, LLC	Lafayette	United States	73.95.171.33	Colorado	80026
AS7922 Comcast Cable Communications, LLC	Denver	United States	73.95.140.51	Colorado	80228
AS7922 Comcast Cable Communications, LLC	Carnegie	United States	73.79.40.156	Pennsylvania	15106

AS7922 Comcast Cable Communications, LLC	Danbury	United States	73.47.14.1	Connecticut	06810
AS7922 Comcast Cable Communications, LLC	Houston	United States	73.32.232.137	Texas	77003
AS7922 Comcast Cable Communications, LLC	Winchester	United States	73.31.247.165	Virginia	22601
AS7922 Comcast Cable Communications, LLC	Haddonfield	United States	73.29.22.47	New Jersey	08033
AS7922 Comcast Cable Communications, LLC	Mukilteo	United States	73.254.118.139	Washington	98275
AS7922 Comcast Cable Communications, LLC	Jackson	United States	73.252.121.33	Mississippi	39212
AS7922 Comcast Cable Communications, LLC	Gresham	United States	73.240.250.82	Oregon	97030
AS7922 Comcast Cable Communications, LLC	Salem	United States	73.240.244.251	Oregon	97301
AS7922 Comcast Cable Communications, LLC	Seattle	United States	73.239.1.205	Washington	98109
AS7922 Comcast Cable Communications, LLC	Fort Myers	United States	73.23.184.226	Florida	33912
AS7922 Comcast Cable Communications, LLC	New Haven	United States	73.219.14.223	Connecticut	06511
AS7922 Comcast Cable Communications, LLC	Lombard	United States	73.211.108.35	Illinois	60148
AS7922 Comcast Cable Communications, LLC	League City	United States	73.206.143.96	Texas	77573
AS7922 Comcast Cable Communications, LLC	Dracut	United States	73.182.180.236	Massachusetts	01826
AS7922 Comcast Cable Communications, LLC	Goose Creek	United States	73.180.86.164	South Carolina	29445
AS7922 Comcast Cable Communications, LLC	Salem	United States	73.180.13.75	Oregon	97301
AS7922 Comcast Cable Communications, LLC	Pittsburgh	United States	73.174.144.93	Pennsylvania	15236
AS7922 Comcast Cable Communications, LLC	Eugene	United States	73.164.211.113	Oregon	97405
AS7922 Comcast Cable Communications, LLC	Seattle	United States	73.157.98.189	Washington	98112
AS7922 Comcast Cable Communications, LLC	Silver Spring	United States	73.133.128.122	Maryland	20901
AS7922 Comcast Cable Communications, LLC	Leominster	United States	73.123.53.27	Massachusetts	01453
AS7922 Comcast Cable Communications, LLC	Knoxville	United States	73.120.95.114	Tennessee	37918
AS7922 Comcast Cable Communications, LLC	Conroe	United States	73.115.33.57	Texas	77385
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Wilmington	United States	72.74.75.27	Massachusetts	01887

AS11814 DISTRIBUTEL COMMUNICATIONS LTD.	Québec	Canada	72.53.98.11	Quebec	G2B
AS7029 Windstream Communications LLC	Lexington	United States	72.4.70.1	Kentucky	40502
AS36149 Hawaiian Telcom Services Company, Inc.	‘Aiea	United States	72.235.1.189	Hawaii	96701
AS22773 Cox Communications Inc.	Gilbert	United States	72.223.79.115	Arizona	85295
AS11427 Time Warner Cable Internet LLC	Austin	United States	72.182.10.133	Texas	78749
AS11427 Time Warner Cable Internet LLC	San Antonio	United States	72.177.239.25	Texas	78249
AS7029 Windstream Communications LLC	Dimmitt	United States	72.172.43.158	Texas	79027
AS26496 GoDaddy.com, LLC	Scottsdale	United States	72.167.231.146	Arizona	85260
AS20115 Charter Communications	San Jose	United States	71.92.249.17	California	95124
AS7922 Comcast Cable Communications, LLC	Portland	United States	71.59.245.64	Oregon	97236
AS7922 Comcast Cable Communications, LLC	Marlborough	United States	71.235.145.50	Connecticut	06447
AS7922 Comcast Cable Communications, LLC	Shelton	United States	71.234.159.133	Connecticut	06484
AS209 Qwest Communications Company, LLC	Las Vegas	United States	71.222.101.146	Nevada	89117
AS209 Qwest Communications Company, LLC	Tallahassee	United States	71.220.244.63	Florida	32304
AS209 Qwest Communications Company, LLC	Tallahassee	United States	71.220.136.216	Florida	32303
AS209 Qwest Communications Company, LLC	Denver	United States	71.218.107.158	Colorado	80237
AS209 Qwest Communications Company, LLC	Bellville	United States	71.213.60.178	Ohio	44813
AS209 Qwest Communications Company, LLC	Greenwood	United States	71.209.2.129	South Carolina	29649
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Flanders	United States	71.172.158.199	New Jersey	07836
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Bala	United States	71.162.218.151	Pennsylvania	19004
AS20001 Time Warner Cable Internet LLC	San Diego	United States	70.95.200.45	California	92131

AS11427 Time Warner Cable Internet LLC	Overland Park	United States	70.94.15.247	Kansas	66210
AS36423 San Juan Cable, LLC	San Juan	Puerto Rico	70.45.216.205		00918
AS33363 BRIGHT HOUSE NETWORKS, LLC	Sun City Center	United States	70.126.88.184	Florida	33573
AS11427 Time Warner Cable Internet LLC	Carrollton	United States	70.119.179.89	Texas	75007
AS11427 Time Warner Cable Internet LLC	Dallas	United States	70.116.189.64	Texas	75236
AS21898 Plant TiftNet, Inc	Tifton	United States	69.87.238.44	Georgia	31794
AS209 Qwest Communications Company, LLC	Snow Hill	United States	69.69.184.239	North Carolina	28580
AS7029 Windstream Communications LLC	Saint Marys	United States	69.40.54.240	Pennsylvania	15857
AS7029 Windstream Communications LLC	Kershaw	United States	69.40.187.208	South Carolina	29067
AS14265 TPx Communications	Anaheim	United States	69.178.147.201	California	92825
AS17113 Access Northeast Inc.	Marlborough	United States	69.147.176.66	Massachusetts	01752
AS4181 TDS TELECOM	St. Marys	United States	69.131.19.55	Georgia	31558
AS4181 TDS TELECOM	Milwaukee	United States	69.128.123.249	Wisconsin	53201
AS7922 Comcast Cable Communications, LLC	Benson	United States	68.86.205.213	North Carolina	
AS7922 Comcast Cable Communications, LLC	Lynn Haven	United States	68.59.81.59	Florida	32444
AS7922 Comcast Cable Communications, LLC	Grand Rapids	United States	68.56.61.247	Michigan	49508
AS7922 Comcast Cable Communications, LLC	Bloomington	United States	68.50.40.12	Indiana	47401
AS7922 Comcast Cable Communications, LLC	Saint Paul	United States	68.47.74.149	Minnesota	55118
AS7922 Comcast Cable Communications, LLC	Brighton	United States	68.46.139.179	Michigan	48116
AS7922 Comcast Cable Communications, LLC	Anderson	United States	68.44.65.42	Indiana	46013
AS7922 Comcast Cable Communications, LLC	Milford	United States	68.41.255.236	Michigan	48381
AS20115 Charter Communications	Tehama	United States	68.189.50.188	California	96080
AS6128 Cablevision Systems Corp.	Port Washington	United States	67.82.42.33	New York	11050
AS6621 Hughes Network Systems	Saint Maries	United States	67.44.166.203	Idaho	83861
AS22843 Proofpoint, Inc.	Sunnyvale	United States	67.231.153.199	California	94089
AS33070 Rackspace Ltd.	San Antonio	United States	67.192.35.21	Texas	78218

AS7922 Comcast Cable Communications, LLC	Boynton Beach	United States	67.191.84.10	Florida	33436
AS7922 Comcast Cable Communications, LLC	Atlanta	United States	67.191.159.124	Georgia	30316
AS7922 Comcast Cable Communications, LLC	Nashville	United States	67.187.91.242	Tennessee	37228
AS7922 Comcast Cable Communications, LLC	El Dorado Hills	United States	67.187.164.140	California	95762
AS7922 Comcast Cable Communications, LLC	Nashville	United States	67.177.188.222	Tennessee	37214
AS7922 Comcast Cable Communications, LLC	Chicago	United States	67.173.14.54	Illinois	60612
AS7922 Comcast Cable Communications, LLC	Stafford	United States	67.166.179.72	Virginia	22554
AS11427 Time Warner Cable Internet LLC	Del Valle	United States	66.68.139.39	Texas	78617
AS7024 PixelGate	Westlake Village	United States	66.254.70.197	California	91361
AS26803 Fiber Internet Center	Palo Alto	United States	66.201.46.82	California	94306
AS54288 SolidTools Technology, Inc.	Nepean	Canada	66.160.161.229	Ontario	K2H
AS12005 University of South Carolina	Columbia	United States	65.122.173.117	South Carolina	29208
AS14051 Consolidated Communications, Inc.	Carmichael	United States	64.30.102.171	California	95608
AS577 Bell Canada	Ottawa	Canada	64.231.71.173	Ontario	K2H
AS30029 Dobson Technologies - Transport and Telecom Solutions, LLC	Weatherford	United States	64.19.101.109	Oklahoma	73096
AS25447 JM-DATA GmbH	Waidhofen an der Thaya	Austria	62.93.89.91	Lower Austria	3830
AS12357 Vodafone Spain	Badalona	Spain	62.57.199.95	Catalonia	08911
AS6739 Vodafone Ono, S.A.	Castro Urdiales	Spain	62.42.162.144	Cantabria	39700
AS5413 Daisy Communications Ltd	Richmond	United Kingdom	62.232.5.190	England	TW10
AS3301 Telia Company AB	Trollhättan (Hjulkvarn-Stallbacka)	Sweden	62.20.54.197	Västra Götaland	
AS198471 Linkem spa	Rome	Italy	62.170.78.236	Latium	
AS6730 Sunrise Communications AG	Bern	Switzerland	62.167.218.176	Bern	3006
AS6830 Liberty Global Operations B.V.	Kassel	Germany	62.143.165.201	Hesse	34132
AS17974 PT Telekomunikasi Indonesia	Jakarta	Indonesia	61.94.23.90	Jakarta	
AS4766 Korea Telecom	Seoul	Republic of Korea	61.82.186.166	Seoul	

AS17676 Softbank BB Corp.	Nagoya	Japan	60.94.193.29	Aichi	461-0019
AS17676 Softbank BB Corp.	Nagoya	Japan	60.91.205.97	Aichi	461-0019
AS4837 CHINA UNICOM China169 Backbone	Tianjin	China	60.25.55.86	Tianjin	
AS4837 CHINA UNICOM China169 Backbone	Dongying	China	60.214.4.16	Shandong	
AS4134 No.31,Jin-rong Street	Fuyang	China	60.186.156.75	Zhejiang	
AS4134 No.31,Jin-rong Street	Ningbo	China	60.179.144.54	Zhejiang	
AS4134 No.31,Jin-rong Street	Huangshan City	China	60.172.67.110	Anhui	
AS4134 No.31,Jin-rong Street	Wuhu	China	60.169.49.237	Anhui	
AS4134 No.31,Jin-rong Street	Lanzhou	China	60.165.55.51	Gansu	
AS17676 Softbank BB Corp.	Shiojiri	Japan	60.140.199.29	Nagano	399-0651
AS17676 Softbank BB Corp.	Wakayama	Japan	60.137.168.89	Wakayama	640-8269
AS17676 Softbank BB Corp.	Tokyo	Japan	60.100.45.184	Tokyo	190-0031
AS9829 National Internet Backbone	Kanpur	India	59.89.49.99	Uttar Pradesh	208025
AS4766 Korea Telecom	Yeosu	Republic of Korea	59.4.64.180	Gyeonggi-do	
AS4766 Korea Telecom	Gangneung	Republic of Korea	59.30.56.128	Gangwon-do	
AS17813 Mahanagar Telephone Nigam Limited	New Delhi (Janpath)	India	59.180.74.3	NCT	
AS9318 SK Broadband Co Ltd	Seoul (Toegy-e-ro)	Republic of Korea	58.239.221.28	Seoul	
AS9318 SK Broadband Co Ltd	Incheon	Republic of Korea	58.236.65.67	Incheon	
AS9318 SK Broadband Co Ltd	Seoul (Toegy-e-ro)	Republic of Korea	58.231.194.70	Seoul	
AS9318 SK Broadband Co Ltd	Busan	Republic of Korea	58.126.78.148	Busan	
AS9318 SK Broadband Co Ltd	Seoul	Republic of Korea	58.123.87.86	Seoul	
AS14618 Amazon.com, Inc.	Ashburn	United States	54.164.74.134	Virginia	20149
AS55960 Beijing Guanghuan Xinwang Digital	Beijing	China	52.80.26.122	Beijing	
AS16509 Amazon.com, Inc.	Tokyo	Japan	52.69.30.106	Tokyo	190-0031
AS394949 Fused Network Corporation	Signal Mountain	United States	52.119.45.12	Tennessee	

AS7922 Comcast Cable Communications, LLC	Portland	United States	50.76.108.12	Oregon	97229
AS5650 Frontier Communications of America, Inc.	Honeoye	United States	50.48.178.229	New York	14471
AS5650 Frontier Communications of America, Inc.	Hillsboro	United States	50.39.165.171	Oregon	97124
AS49532 Eonix Corporation	Frankfurt am Main	Germany	50.3.198.245	Hesse	09039
AS7922 Comcast Cable Communications, LLC	Gambrills	United States	50.234.194.109	Maryland	
AS7922 Comcast Cable Communications, LLC	Philadelphia	United States	50.224.209.82	Pennsylvania	19147
AS36351 SoftLayer Technologies Inc.	Dallas	United States	50.22.24.180	Texas	75270
AS5650 Frontier Communications of America, Inc.	Brazil	United States	50.102.7.105	Indiana	47834
AS12880 Information Technology Company (ITC)	Tehran	Iran	5.74.7.112	Ostan-e Tehran	
AS5607 Sky UK Limited	Barnsley	United Kingdom	5.69.36.22	England	S70
AS3329 Vodafone-panafon Hellenic Telecommunications Company SA	Athens	Greece	5.54.216.160	Attica	
AS28885 Oman Telecommunications Company (S.A.O.G)	Muscat	Oman	5.37.203.227	Muhafazat Masqat	
AS12880 Information Technology Company (ITC)	Tehran	Iran	5.238.214.139	Ostan-e Tehran	
AS57293 AG Telecom LTD.	Baku	Azerbaijan	5.197.112.44	Baku City	
AS44050 Petersburg Internet Network Ltd.	St Petersburg	Russia	5.188.48.137	St.-Petersburg	190817
AS16010 Magticom Ltd.	Tbilisi	Georgia	5.178.157.63	K'alak'i T'bilisi	
AS42682 JSC ER-Telecom Holding	Nizhny Novgorod	Russia	5.166.218.230	Nizjniy Novgorod	
AS34533 JSC ER-Telecom Holding	Samara	Russia	5.165.45.60	Samarskaya Oblast'	404146
AS48427 Visovision S.L.	Mairena del Alcor	Spain	5.154.57.139	Andalusia	41510
AS8708 RCS & RDS	Sibiu	Romania	5.15.88.59	Judetul Sibiu	550003
AS4134 No.31,Jin-rong Street	Suzhou	China	49.75.128.140	Jiangsu	
AS17858 LG POWERCOMM	Seoul	Republic of Korea	49.175.209.109	Seoul	
AS17858 LG POWERCOMM	Seongnam-si	Republic of Korea	49.175.158.46	Gyeonggi-do	

AS24164 YEONG JIA LEH CABLE TV CO., LTD.	Taipei	Taiwan	49.159.169.58	Taipei City	
AS4134 No.31,Jin-rong Street	Kashgar	China	49.114.105.178	Xinjiang	
AS45102 Alibaba (China) Technology Co., Ltd.	Tokyo	Japan	47.74.5.219	Tokyo	190-0031
AS5650 Frontier Communications of America, Inc.	Tampa	United States	47.205.169.87	Florida	33619
AS5650 Frontier Communications of America, Inc.	Fontana	United States	47.152.52.119	California	92336
AS5650 Frontier Communications of America, Inc.	La Puente	United States	47.147.3.5	California	91744
AS12714 Net By Net Holding LLC	Lipetsk	Russia	46.72.128.174	Lipetskaya Oblast'	398011
AS31034 Aruba S.p.A.	Arezzo	Italy	46.37.13.121	Tuscany	52100
AS42525 GlobalConnect A/S	Wittund	Germany	46.253.248.20	Schleswig-Holstein	25946
AS34661 TOV TRK Briz	Odesa	Ukraine	46.250.9.80	Odessa	65005
AS21351 Canal + Telecom SAS	Gourbeyre	Guadeloupe	46.238.178.220		
AS48737 Dora Telekomunikasyon Hizmetleri AS	Istanbul	Turkey	46.20.154.236	Istanbul	
AS8386 Vodafone Net Iletisim Hizmetleri Anonim Sirketi	Istanbul	Turkey	46.2.143.8	Istanbul	
AS20773 Host Europe GmbH	Hoest	Germany	46.163.117.240	North Rhine-Westphalia	47652
AS20473 Choopa, LLC	Sydney	Australia	45.77.49.193	New South Wales	2012
AS14061 DigitalOcean, LLC	Clifton	United States	45.55.149.46	New Jersey	07014
AS20001 Time Warner Cable Internet LLC	Los Angeles	United States	45.49.133.79	California	90025
AS11351 Time Warner Cable Internet LLC	Liverpool	United States	45.47.54.86	New York	13090
AS11351 Time Warner Cable Internet LLC	Machias	United States	45.46.69.171	Maine	04654
AS134548 DXTL Tseung Kwan O Service	Hong Kong	Hong Kong	45.193.74.49	Central and Western	
AS3265 Xs4all Internet BV	Amsterdam	Netherlands	44.137.227.156	North Holland	1083
AS4837 CHINA UNICOM China169 Backbone	Shenyang	China	42.57.183.7	Liaoning	
AS4837 CHINA UNICOM China169 Backbone	Chaoyang	China	42.52.127.16	Liaoning	
AS4837 CHINA UNICOM China169 Backbone	Zhengzhou	China	42.237.1.37	Henan	

AS4837 CHINA UNICOM China169 Backbone	Zhengzhou	China	42.225.83.232	Henan	
AS4788 TM Net, Internet Service Provider	Petaling Jaya	Malaysia	42.189.121.135	Selangor	46050
AS4837 CHINA UNICOM China169 Backbone	Dandong	China	42.177.19.49	Liaoning	
AS4837 CHINA UNICOM China169 Backbone	Shenyang	China	42.176.60.93	Liaoning	
AS24835 RAYA Telecom - Egypt	Cairo	Egypt	41.69.182.133	Cairo Governorate	
AS4837 CHINA UNICOM China169 Backbone	Jining	China	39.83.245.187	Shandong	
AS174 Cogent Communications	Laval	Canada	38.74.44.5	Quebec	H7S
AS395111 KVHOSTING.COM LLC	New York	United States	38.131.158.15	New York	10118
AS42610 PJSC Rostelecom	Moscow	Russia	37.204.195.95	Moscow	102128
AS12715 Orange Espagne S.A.U.	Madrid	Spain	37.132.170.254	Madrid	28030
AS12715 Orange Espagne S.A.U.	Leganés	Spain	37.11.108.99	Madrid	28911
AS17974 PT Telekomunikasi Indonesia	Surabaya	Indonesia	36.74.178.39	East Java	
AS4837 CHINA UNICOM China169 Backbone	Huaibei	China	36.35.169.106	Anhui	
AS9808 Guangdong Mobile Communication Co.Ltd.	Beijing (Xicheng Qu)	China	36.185.33.206	Beijing	
AS237 Merit Network Inc.	Marquette	United States	35.24.211.157	Michigan	49855
AS15169 Google LLC	Mountain View	United States	35.190.23.74	California	94043
AS8386 Vodafone Net İletişim Hizmetleri Anonim Sirketi	Ankara	Turkey	31.206.152.168	Ankara	06933
AS3269 Telecom Italia	San Rocco	Italy	31.196.13.228	Liguria	16032
AS6730 Sunrise Communications AG	Meilen	Switzerland	31.164.130.15	Zurich	8706
AS7552 Viettel Group	Cao Lanh	Vietnam	27.77.39.182	Tinh GJong Thap	
AS7552 Viettel Group	Hanoi	Vietnam	27.70.219.113	Thanh Pho Ha Noi	
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	27.237.82.61	Gyeonggi-do	
AS4837 CHINA UNICOM China169 Backbone	Qingdao	China	27.223.173.170	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Yantai	China	27.216.57.215	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Jinan	China	27.197.17.159	Shandong	
AS4134 No.31,Jin-rong Street	Quanzhou	China	27.158.225.20	Fujian	

AS23655 Snap Internet Limited	Rangiora	New Zealand	27.110.123.166	Canterbury	7440
AS7922 Comcast Cable Communications, LLC	Greeley	United States	24.9.193.57	Colorado	80631
AS36423 San Juan Cable, LLC	Toa Baja	Puerto Rico	24.50.208.45		00949
AS10796 Time Warner Cable Internet LLC	Norwalk	United States	24.29.229.50	Ohio	44857
AS11427 Time Warner Cable Internet LLC	Austin	United States	24.28.48.40	Texas	78752
AS30404 Advanced Cable Communications, LLC	Pompano Beach	United States	24.233.172.9	Florida	33065
AS7922 Comcast Cable Communications, LLC	Vancouver	United States	24.22.58.200	Washington	98661
AS10796 Time Warner Cable Internet LLC	Cincinnati	United States	24.210.147.39	Ohio	45208
AS7922 Comcast Cable Communications, LLC	Troutdale	United States	24.21.212.115	Oregon	97060
AS5769 Videotron Telecom Ltee	Longueuil	Canada	24.203.112.1	Quebec	J4H
AS20115 Charter Communications	St Louis	United States	24.178.38.89	Missouri	63136
AS7922 Comcast Cable Communications, LLC	Seattle	United States	24.17.244.128	Washington	98102
AS7015 Comcast Cable Communications, LLC	Brockton	United States	24.104.55.198	Massachusetts	02301
AS8612 Tiscali SpA	Amsterdam	Netherlands	23.222.1.115	North Holland	1091
AS8966 Emirates Telecommunications Corporation	Cambridge	United States	23.208.252.136	Massachusetts	02142
AS2914 NTT America, Inc.	Cambridge	United States	23.205.135.233	Massachusetts	02142
AS20940 Akamai International B.V.	Cambridge	United States	23.196.185.42	Massachusetts	02142
AS16625 Akamai Technologies, Inc.	Cambridge	United States	23.10.19.147	Massachusetts	02142
AS37963 Hangzhou Alibaba Advertising Co.,Ltd.	Hangzhou	China	223.6.55.20	Zhejiang	
AS24560 Bharti Airtel Ltd., Telemedia Services	Bengaluru	India	223.226.77.11	Karnataka	560078
AS9304 Hutchison Global Communications	City of Victoria	Hong Kong	223.19.66.91	Central and Western District	
AS9304 Hutchison Global Communications	Kowloon	Hong Kong	223.17.139.197	Kowloon City	
AS9304 Hutchison Global Communications	City of Victoria	Hong Kong	223.16.249.10	Central and Western District	
AS38103 QRIXNETKS-AS-	Seoul	Republic of Korea	223.131.129.243	Seoul	

AS4134 No.31,Jin-rong Street	Nanjing	China	222.95.31.2	Jiangsu	
AS45899 VNPT Corp	Hanoi	Vietnam	222.254.64.233	Thanh Pho Ha Noi	
AS23563 Tbroad Suwon Broadcasting Corporation	Seoul	Republic of Korea	222.251.210.103	Seoul	
AS23563 Tbroad Suwon Broadcasting Corporation	Suwon	Republic of Korea	222.251.128.36	Gyeonggi-do	
AS4134 No.31,Jin-rong Street	Chongqing	China	222.182.73.50	Chongqing	
AS4808 China Unicom Beijing Province Network	Beijing	China	222.131.5.238	Beijing	
AS4766 Korea Telecom	Suwon	Republic of Korea	222.117.166.242	Gyeonggi-do	
AS4766 Korea Telecom	Seongnam-si	Republic of Korea	222.113.241.61	Gyeonggi-do	
AS17676 Softbank BB Corp.	Fukuyama	Japan	221.63.82.195	Hiroshima	720-0825
AS4837 CHINA UNICOM China169 Backbone	Qingdao	China	221.3.79.200	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Chaoyang	China	221.202.95.145	Liaoning	
AS4766 Korea Telecom	Seoul	Republic of Korea	221.165.139.109	Seoul	
AS4837 CHINA UNICOM China169 Backbone	Chengdu	China	221.10.8.28	Sichuan	
AS4713 NTT Communications Corporation	Soka	Japan	220.99.176.219	Saitama	340-0043
AS4766 Korea Telecom	Pohang	Republic of Korea	220.81.140.69	Gyeongsangbuk-do	
AS4766 Korea Telecom	Daejeon	Republic of Korea	220.123.103.154	Daejeon	
AS17676 Softbank BB Corp.	Tokyo	Japan	219.192.10.160	Tokyo	190-0031
AS4134 No.31,Jin-rong Street	Nanjing	China	218.94.143.241	Jiangsu	
AS4134 No.31,Jin-rong Street	Nanchang	China	218.64.90.201	Jiangxi	
AS4837 CHINA UNICOM China169 Backbone	Beijing	China	218.60.74.25	Beijing	
AS9318 SK Broadband Co Ltd	Seongnam-si	Republic of Korea	218.234.240.173	Gyeonggi-do	
AS4766 Korea Telecom	Seoul	Republic of Korea	218.147.141.115	Seoul	
AS4788 TM Net, Internet Service Provider	Kuala Lumpur	Malaysia	218.111.19.132	Kuala Lumpur	
AS3320 Deutsche Telekom AG	Bad Zwischenahn	Germany	217.87.201.101	Lower Saxony	26160
AS9143 Ziggo	Venray	Netherlands	217.63.11.222	Limburg	5803

AS3320 Deutsche Telekom AG	Weilburg	Germany	217.227.200.223	Hesse	35781
AS13156 Cabovisao, televisao por cabovisao, sa	Portimão	Portugal	217.129.155.105	Faro	8500-652
AS15169 Google LLC	Mountain View	United States	216.58.202.195	California	94043
AS24329 Elliott Advisors (HK) LTD, Financial, Central	New York	United States	216.38.126.186	New York	10019
AS3593 Frontier Communications of America, Inc.	Hallstead	United States	216.37.186.241	Pennsylvania	18822
AS40326 Eckerd College	St. Petersburg	United States	216.146.166.40	Florida	33711
AS32400 Hostway Services, Inc.	Austin	United States	216.139.247.221	Texas	
AS3352 Telefonica De Espana	Zujar	Spain	213.99.84.131	Andalusia	18811
AS3216 PVimpelCom	Moscow	Russia	213.33.212.69	Moscow	102128
AS25189 AO Countrycom	Moscow	Russia	213.251.216.4	Moscow	102128
AS25098 Netcalibre Ltd	Brighouse	United Kingdom	213.230.194.117	England	
AS15547 netplus.ch SA	Verbier	Switzerland	213.221.155.164	Valais	1936
AS12389 PJSC Rostelecom	Vladimir	Russia	213.167.201.217	Vladimirskaia Oblast'	
AS20663 PJSC MegaFon	Vologda	Russia	213.154.163.197	Vologodskaya Oblast'	160017
AS41998 NetCom BW GmbH	Wiernsheim	Germany	213.153.79.244	Baden-Württemberg Region	75446
AS15491 JSC Silknet	Tbilisi	Georgia	213.131.39.138	K'alak'i T'bilisi	
AS6848 Telenet BVBA	Oosterzele	Belgium	213.119.102.57	Flanders	9860
AS12338 Euskaltel S.A.	Vitoria-Gasteiz	Spain	212.8.111.206	Basque Country	01005
AS33894 OJSC RITC	Mezhdurechensk	Russia	212.77.144.134	Kemerovskaya Oblast'	652870
AS9121 Turk Telekom	Istanbul	Turkey	212.175.20.172	Istanbul	
AS3209 Vodafone GmbH	Münster	Germany	212.144.136.67	North Rhine-Westphalia	48151
AS12374 LF.net Netzwerksysteme GmbH	Stuttgart (Vaihingen)	Germany	212.118.187.211	Baden-Württemberg	
AS4837 CHINA UNICOM China169 Backbone	Bijie	China	211.92.142.35	Guizhou	
AS4766 Korea Telecom	Daejeon	Republic of Korea	211.54.208.147	Daejeon	
AS9319 HCN CHUNGBUK CABLE TV SYSTEMS	Seoul (Hangang-daero)	Republic of Korea	211.40.139.111	Seoul	
AS4766 Korea Telecom	Bucheon-si	Republic of Korea	211.226.145.130	Gyeonggi-do	
AS4766 Korea Telecom	Seoul	Republic of Korea	211.198.55.161	Seoul	
AS9318 SK Broadband Co Ltd	Seoul	Republic of Korea	211.177.13.184	Seoul	
AS9318 SK Broadband Co Ltd	Incheon	Republic of Korea	211.176.176.93	Incheon	

AS56239 PT Graha Anugrah Sejahtera	Jakarta	Indonesia	210.211.21.62	Jakarta	
AS3786 LG DACOM Corporation	Naju	Republic of Korea	210.207.28.191	Jeollanam-do	
AS4515 PCCW IMSBiz	City of Victoria	Hong Kong	210.177.216.79	Central and Western District	
AS812 Rogers Communications Canada Inc.	Ottawa	Canada	209.217.85.7	Ontario	K1A
AS29863 Latisys-Denver, LLC	Englewood	United States	208.42.231.19	Colorado	80112
AS16724 WideOpenWest Finance LLC	Clearwater	United States	208.38.128.211	Florida	33761
AS3491 PCCW Global, Inc.	Herndon	United States	207.226.36.198	Virginia	20170
AS22561 CenturyTel Internet Holdings, Inc.	Tomah	United States	207.118.227.183	Wisconsin	54660
AS10242 US Internet Corp	Minneapolis	United States	206.55.189.95	Minnesota	55408
AS7122 MTS Inc.	Brandon	Canada	206.45.141.112	Manitoba	R7B
AS20021 HostMySite	Newark	United States	204.12.74.9	Delaware	19702
AS4812 China Telecom (Group)	Shanghai	China	203.156.232.136	Shanghai	
AS9500 Vodafone NZ Ltd.	Auckland	New Zealand	203.109.205.99	Auckland	1010
AS38144 PT Jalawave Cakrawala	Depok	Indonesia	202.51.238.37	West Java	
AS4648 Global-Gateway Internet	Auckland	New Zealand	202.37.242.89	Auckland	1052
AS9655 TPM Corp. Berhad	Kuala Lumpur	Malaysia	202.129.163.97	Kuala Lumpur	57000
AS4808 China Unicom Beijing Province Network	Beijing	China	202.106.57.227	Beijing	
AS22927 Telefonica de Argentina	Quilmes	Argentina	201.255.164.27	Buenos Aires	1884
AS22047 VTR BANDA ANCHA S.A.	Viña del Mar	Chile	201.215.81.211	Region de Valparaiso	
AS8048 CANTV Servicios, Venezuela	Caracas (Roca Tarpeya)	Venezuela	201.210.201.77	Capital	
AS13489 EPM Telecomunicaciones S.A. E.S.P.	Medellín	Colombia	201.184.244.79	Antioquia	050001
	Mexico City	Mexico	201.153.132.39	Mexico City	54800
AS61825 GTEL TELECOMUNICACOES	Mossoro	Brazil	201.150.18.69	Rio Grande do Norte	59600
AS8151 Uninet S.A. de C.V.	Mexico City	Mexico	201.119.8.25	Mexico City	09220
AS16814 NSS S.A.	Buenos Aires	Argentina	200.61.170.98	Buenos Aires F.D.	34034
AS13489 EPM Telecomunicaciones S.A. E.S.P.	Cartagena	Colombia	200.116.200.111	Departamento de Bolivar	130001

AS3243 Servicos De Comunicacoes E Multimedia S.A.	Escariz	Portugal	2.81.101.96	Aveiro	4540-303
AS3243 Servicos De Comunicacoes E Multimedia S.A.	Coimbra	Portugal	2.80.228.47	Coimbra	3000-000
AS12874 Fastweb	Rome	Italy	2.239.82.57	Latium	00148
AS5607 Sky UK Limited	Bolton	United Kingdom	2.221.91.141	England	BL1
AS5607 Sky UK Limited	Newcastle upon Tyne	United Kingdom	2.218.179.153	England	NE2
AS6739 Vodafone Ono, S.A.	Zaragoza	Spain	2.154.201.119	Aragon	50003
AS6739 Vodafone Ono, S.A.	Zaragoza	Spain	2.152.188.223	Aragon	50018
AS27006 Impact Business Solutions	Baltimore	United States	199.68.233.137	Maryland	21202
AS46811 SilverIP Communications Inc.	Chicago	United States	198.54.105.198	Illinois	60654
AS395155 The J. M. Smucker Co.	Akron	United States	198.179.173.92	Ohio	44321
AS15399 WANANCHI-	Nairobi	Kenya	197.237.111.8	Nairobi Province	
AS6713 Itissalat Al-MAGHRIB	Casablanca	Morocco	196.90.132.31	Casablanca-Settat	
AS8094 PUKNET	Johannesburg	South Africa	196.252.33.222	Gauteng	2000
AS327872 ibits	Wellington	South Africa	196.250.135.42	Western Cape	7655
AS24835 RAYA Telecom - Egypt	Cairo	Egypt	196.221.206.179	Cairo Governorate	
	Pretoria	South Africa	196.194.156.233	Gauteng	
AS2856 British Telecommunications PLC	Skipton	United Kingdom	195.99.22.156	England	BD23
AS6863 PJSC Rostelecom	Moscow	Russia	195.96.172.9	Moscow	102128
AS3249 Telia Eesti AS	Tallinn	Estonia	195.250.184.253	Harjumaa	
AS5588 T-Mobile Czech Republic a.s.	Kunovice	Czechia	195.22.36.84	Zlín	686 04
AS35765 Gemeindewerke Telfs Ges.m.b.H	Telfs	Austria	195.128.104.233	Tyrol	6410
AS62282 UAB Rakrejus	Vilnius	Republic of Lithuania	194.135.83.170	Vilnius County	
AS24589 Telenet SIA	Riga	Latvia	193.111.244.121	Riga	
AS1653 SUNET SUNET Swedish University Network	Stockholm	Sweden	193.11.206.98	Stockholm	
AS64200 Vivid Hosting	Vancouver	Canada	192.219.142.39	British Columbia	V6B
AS20013 CyrusOne LLC	Houston	United States	192.185.145.138	Texas	77092
AS42708 Portlane AB	Bern	Switzerland	192.165.121.73	Bern	3004
AS265792 Usina Popular Cooperativa	Necochea	Argentina	192.141.181.5	Buenos Aires	7630

AS26599 TELEFÔNICA BRASIL S.A	Campinas	Brazil	191.8.85.162	Sao Paulo	
AS53006 ALGAR TELECOM S/A	Sao Joaquim da Barra	Brazil	191.55.64.81	Sao Paulo	
AS53006 ALGAR TELECOM S/A	Patos de Minas	Brazil	191.55.192.79	Minas Gerais	
AS27699 TELEFÔNICA BRASIL S.A	Jundiaí	Brazil	191.255.101.195	Sao Paulo	
AS26615 Tim Celular S.A.	São Paulo	Brazil	191.165.228.72	Sao Paulo	
AS26615 Tim Celular S.A.	São Paulo	Brazil	191.129.9.105	Sao Paulo	
AS3816 COLOMBIA TELECOMUNICACIONES S.A. ESP	Bogotá (Teusaquillo)	Colombia	191.110.173.99	Bogota D.C.	
AS7303 Telecom Argentina S.A.	Villa Angelica	Argentina	190.224.233.20	Entre Rios	2000
AS10481 Prima S.A.	Buenos Aires	Argentina	190.189.122.65	Buenos Aires F.D.	34034
AS20207 Gigared S.A.	Corrientes	Argentina	190.183.116.250	Corrientes	3400
AS20207 Gigared S.A.	Paraná	Argentina	190.183.1.218	Entre Rios	3100
AS22927 Telefonica de Argentina	Bahía Blanca	Argentina	190.172.59.188	Buenos Aires	8000
AS22047 VTR BANDA ANCHA S.A.	Santiago	Chile	190.164.31.213	Santiago Metropolitan	
AS22724 PUNTONET S.A.	Loja	Ecuador	190.12.61.202	Provincia de Loja	
AS28573 CLARO S.A.	Brasília	Brazil	189.6.36.14	Federal District	
AS8151 Uninet S.A. de C.V.	Mexico City	Mexico	189.247.162.86	Mexico City	63000
AS8151 Uninet S.A. de C.V.	Morelia	Mexico	189.243.68.27	Michoacán	58341
AS8151 Uninet S.A. de C.V.	Chihuahua City	Mexico	189.231.18.5	Chihuahua	31313
AS8151 Uninet S.A. de C.V.	Hermosillo	Mexico	189.173.133.204	Sonora	83334
AS8151 Uninet S.A. de C.V.	León	Mexico	189.162.218.233	Guanajuato	37500
AS8151 Uninet S.A. de C.V.	Monterrey	Mexico	189.152.28.213	Nuevo León	64720
AS8151 Uninet S.A. de C.V.	Monterrey	Mexico	189.152.13.224	Nuevo León	64720
AS8151 Uninet S.A. de C.V.	Playa del Carmen	Mexico	189.149.201.157	Quintana Roo	77710
AS8151 Uninet S.A. de C.V.	Mexico City	Mexico	189.144.181.17	Mexico City	63000
	Mexico City	Mexico	189.140.211.80	Mexico City	07870
AS8151 Uninet S.A. de C.V.	Mexico City	Mexico	189.137.215.29	Mexico City	63000
AS3209 Vodafone GmbH	Nuremberg	Germany	188.98.2.103	Bavaria	90443

AS3209 Vodafone GmbH	Stuttgart	Germany	188.98.112.103	Baden-Württemberg Region	70173
AS12715 Orange Espagne S.A.U.	Eibar	Spain	188.78.146.222	Basque Country	10600
AS3303 Swisscom (Switzerland) Ltd	Bioggio	Switzerland	188.62.45.170	Ticino	6934
AS3303 Swisscom (Switzerland) Ltd	St. Gallen	Switzerland	188.61.231.180	Saint Gallen	9000
AS3303 Swisscom (Switzerland) Ltd	Zurich	Switzerland	188.60.9.39	Zurich	8053
AS8708 RCS & RDS	Chiajna	Romania	188.25.53.126	Ilfov	077040
AS8447 A1 Telekom Austria AG	Graz	Austria	188.21.205.36	Styria	
AS3292 Tele Danmark	Tranbjerg	Denmark	188.182.86.183	Central Jutland	
AS6830 Liberty Global Operations B.V.	Michalovce	Slovakia	188.167.39.143	Kosice	071 01
AS3209 Vodafone GmbH	Berlin	Germany	188.106.187.118	Land Berlin	12045
AS28573 CLARO S.A.	São Paulo	Brazil	187.37.65.201	Sao Paulo	
AS8151 Uninet S.A. de C.V.	Tehuacán	Mexico	187.235.131.163	Puebla	75790
AS8151 Uninet S.A. de C.V.	Mexico City	Mexico	187.221.109.98	Mexico City	55210
AS6503 Axtel, S.A.B. de C.V.	Toluca	Mexico	187.177.126.57	Estado de Mexico	50009
AS6503 Axtel, S.A.B. de C.V.	San Nicolás de los Garza	Mexico	187.162.154.197	Nuevo León	66460
AS8151 Uninet S.A. de C.V.	Saltillo	Mexico	187.156.103.247	Coahuila	25000
AS8151 Uninet S.A. de C.V.	Mazatlán	Mexico	187.149.251.53	Sinaloa	82020
AS53130 Internet Provider Mil Br Net Ltda	Muzambinho	Brazil	187.120.244.135	Minas Gerais	37890
AS262730 Byteweb Comunicação Multimídia Ltda.	Santa Barbara d'Oeste	Brazil	187.110.251.34	Sao Paulo	
AS14522 Satnet	Cuenca	Ecuador	186.66.163.64	Provincia del Azuay	
AS14522 Satnet	Guayaquil	Ecuador	186.66.11.50	Provincia del Guayas	
AS6400 Compañía Dominicana de Teléfonos, C. por A. - CODETEL	Santo Domingo	Dominican Republic	186.6.203.147	Nacional	10206
AS26615 Tim Celular S.A.	Rio de Janeiro	Brazil	186.254.166.50	Rio de Janeiro	
AS262983 Net Barretos Tecnologia LTDA - ME	Barretos	Brazil	186.195.213.108	Sao Paulo	
AS10318 CABLEVISION S.A.	Buenos Aires	Argentina	186.139.154.194	Buenos Aires F.D.	34034
AS29152 DECKNET	Zurich (City)	Switzerland	185.89.68.184	Zurich	
AS201676 IQVIA Operations France SAS	Boulogne-Billancourt	France	185.66.152.69	Île-de-France	

AS50673 Serverius Holding B.V.	Dronten	Netherlands	185.36.189.71	Provincie Flevoland	8254
	Paris	France	185.246.127.93	Île-de-France	
AS201942 Soltia Consulting SL	Paris	France	185.239.255.146	Île-de-France	
AS199274 IONICA LLC	Moscow	Russia	185.22.60.14	Moscow	102128
AS205629 AMA netwoRX GmbH	Paris	France	185.211.218.129	Île-de-France	
AS197071 Dennis Rainer Warnholz trading as active-servers.com	Frankfurt am Main	Germany	185.177.81.190	Hesse	60314
AS29119 ServiHosting Networks S.L.	La Rambla	Spain	185.165.5.154	Andalusia	04769
AS60534 Laguna sp. z o.o.	Skrzyszow	Poland	185.135.123.239	Silesia	44-348
AS20940 Akamai International B.V.	Cambridge	United States	184.84.86.119	Massachusetts	02142
AS11351 Time Warner Cable Internet LLC	Rochester	United States	184.74.110.45	New York	14616
AS4181 TDS TELECOM	Perry	United States	184.61.201.220	Michigan	48872
AS6621 Hughes Network Systems	New York	United States	184.52.238.40	New York	
AS22923 Yesup Ecommerce Solutions Inc.	Toronto	Canada	184.174.95.145	Ontario	M6G
AS12271 Time Warner Cable Internet LLC	Astoria	United States	184.153.106.8	New York	11106
AS45758 Triple T Internet/Triple T Broadband	Lampang	Thailand	183.89.12.181	Changwat Lampang	52000
AS4685 Asahi Net	Kyoto	Japan	183.76.108.32	Kyoto	600-8106
AS4134 No.31,Jin-rong Street	Chongqing	China	183.68.36.150	Chongqing	
AS4134 No.31,Jin-rong Street	Shijiao	China	183.62.247.4	Guangdong	
AS58543 Guangdong	Zhuhai	China	183.61.7.143	Guangdong	
AS56046 China Mobile communications corporation	Nanjing	China	183.213.86.185	Jiangsu	
AS56046 China Mobile communications corporation	Zhangjiagang	China	183.213.21.46	Jiangsu	
AS4837 CHINA UNICOM China169 Backbone	Taiyuan	China	183.189.106.13	Shanxi Sheng	
AS4134 No.31,Jin-rong Street	Bengbu	China	183.161.130.84	Anhui	
AS4134 No.31,Jin-rong Street	Hangzhou	China	183.143.117.194	Zhejiang	
AS9498 BHARTI Airtel Ltd.	Amritsar	India	182.72.107.6	Punjab	143001
AS4134 No.31,Jin-rong Street	Zaozhuang	China	182.47.151.120	Shandong	

AS4134 No.31,Jin-rong Street	Kunming	China	182.245.197.58	Yunnan	
AS4134 No.31,Jin-rong Street	Baoshan	China	182.241.108.62	Yunnan	
AS17858 LG POWERCOMM	Seoul	Republic of Korea	182.230.223.14	Seoul	
AS17552 True Internet Co.,Ltd.	Bangkok (Khwaeng Din Daeng)	Thailand	182.17.48.184	Bangkok	
AS4134 No.31,Jin-rong Street	Chengdu	China	182.151.105.7	Sichuan	
AS4134 No.31,Jin-rong Street	Chengdu	China	182.137.211.56	Sichuan	
AS6535 Telmex Servicios Empresariales S.A.	Talca	Chile	181.74.206.118	Maule	
AS22927 Telefonica de Argentina	Los Polvorines	Argentina	181.21.90.195	Buenos Aires	1613
AS10481 Prima S.A.	Buenos Aires	Argentina	181.170.186.166	Buenos Aires F.D.	34034
AS10318 CABLEVISION S.A.	Pergamino	Argentina	181.165.66.202	Buenos Aires	2700
AS13489 EPM Telecomunicaciones S.A. E.S.P.	Medellín	Colombia	181.143.116.239	Antioquia	050001
AS7303 Telecom Argentina S.A.	Buenos Aires	Argentina	181.11.40.100	Buenos Aires F.D.	
AS23650 AS Number for CHINANET jiangsu province backbone	Nanjing	China	180.97.73.70	Jiangsu	
AS38365 Beijing Baidu Netcom Science and Technology Co., Ltd.	Beijing	China	180.76.176.153	Beijing	
AS17974 PT Telekomunikasi Indonesia	Binjai	Indonesia	180.251.21.13	North Sumatra	
AS17974 PT Telekomunikasi Indonesia	Batam	Indonesia	180.241.212.214	Riau	
AS17858 LG POWERCOMM	Seoul (Hangang-daero)	Republic of Korea	180.230.148.249	Seoul	
AS7470 TRUE INTERNET Co.,Ltd.	Bangkok (Huai Khwang)	Thailand	180.214.215.71	Bangkok	
AS9924 Taiwan Fixed Network, Telco and Network Service Provider.	Taoyuan District	Taiwan	180.177.159.2	Taoyuan	
AS27699 TELEFÔNICA BRASIL S.A	São Paulo	Brazil	179.99.119.174	Sao Paulo	
AS27699 TELEFÔNICA BRASIL S.A	Santos	Brazil	179.98.254.39	Sao Paulo	
AS7738 Telemar Norte Leste S.A.	Poco da Pedra	Brazil	179.236.244.94	Ceara	
AS26599 TELEFÔNICA BRASIL S.A	Itapetininga	Brazil	179.231.45.56	Sao Paulo	

AS28573 CLARO S.A.	São Paulo	Brazil	179.153.252.73	Sao Paulo	
AS26599 TELEFÔNICA BRASIL S.A	São Paulo	Brazil	179.115.35.182	Sao Paulo	
AS3209 Vodafone GmbH	Dusseldorf	Germany	178.9.9.214	North Rhine-Westphalia	40233
AS6830 Liberty Global Operations B.V.	Allschwil	Switzerland	178.83.39.117	Basel-Landschaft	4123
AS35819 Bayanat Al-Oula For Network Services	Dammam	Saudi Arabia	178.80.19.149	Eastern Province	
AS3209 Vodafone GmbH	Hilpoltstein	Germany	178.7.166.238	Bavaria	91161
AS6830 Liberty Global Operations B.V.	Budapest	Hungary	178.48.168.175	Budapest	1012
AS51167 Contabo GmbH	Munich (Ramersdorf - Perlach)	Germany	178.238.231.129	Bavaria	
AS12389 PJSC Rostelecom	Irkutsk	Russia	178.184.177.3	Irkutskaya Oblast'	664002
AS3209 Vodafone GmbH	Chemnitz	Germany	178.14.136.129	Saxony	09130
AS3209 Vodafone GmbH	Stuttgart	Germany	178.10.251.32	Baden-Württemberg Region	70186
AS3209 Vodafone GmbH	Munich	Germany	178.10.116.111	Bavaria	80796
AS53057 RedeHost Internet Ltda.	Fortaleza (Papicu)	Brazil	177.55.110.43	Ceará	
AS28537 Mexico Red de Telecomunicaciones, S. de R.L. de C.V.	San Luis Potosí City	Mexico	177.232.91.61	San Luis Potosí	78310
AS27699 TELEFÔNICA BRASIL S.A	Santos	Brazil	177.102.167.144	Sao Paulo	
AS262841 M.A. Informática Ltda.	Sao Miguel do Iguacu	Brazil	177.10.27.44	Parana	85877
AS3352 Telefonica De Espana	Seville	Spain	176.84.208.23	Andalusia	41005
AS3243 Servicos De Comunicacoes E Multimedia S.A.	Coimbra	Portugal	176.79.133.66	Coimbra	3000-000
AS5607 Sky UK Limited	Fareham	United Kingdom	176.26.231.219	England	PO16
AS35819 Bayanat Al-Oula For Network Services	Jeddah	Saudi Arabia	176.18.63.33	Makkah Province	
AS21376 TRK Vektor Ltd.	Kharkiv	Ukraine	176.104.251.45	Kharkivs'ka Oblast'	61036
AS4766 Korea Telecom	Chuncheon	Republic of Korea	175.252.191.96	Gangwon-do	
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	175.249.139.213	Gyeonggi-do	
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	175.249.108.141	Gyeonggi-do	
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	175.242.141.186	Gyeonggi-do	
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	175.238.170.177	Gyeonggi-do	
AS4766 Korea Telecom	Seoul (Bangbae-dong)	Republic of Korea	175.232.1.94	Seoul	

AS4766 Korea Telecom	Seongnam-si	Republic of Korea	175.229.40.130	Gyeonggi-do	
AS4766 Korea Telecom	Uijeongbu-si	Republic of Korea	175.225.45.193	Gyeonggi-do	
AS4766 Korea Telecom	Incheon	Republic of Korea	175.210.147.230	Incheon	
AS4837 CHINA UNICOM China169 Backbone	Zhengjiatun	China	175.18.8.116	Jilin	
AS4837 CHINA UNICOM China169 Backbone	Changchun	China	175.17.6.221	Jilin	
AS4837 CHINA UNICOM China169 Backbone	Shenyang	China	175.167.32.122	Liaoning	
AS4837 CHINA UNICOM China169 Backbone	Jinzhou	China	175.151.52.139	Liaoning	
AS4788 TM Net, Internet Service Provider	Shah Alam	Malaysia	175.142.137.230	Selangor	40150
AS4788 TM Net, Internet Service Provider	Kuala Lumpur	Malaysia	175.139.20.230	Kuala Lumpur	53100
AS4788 TM Net, Internet Service Provider	Kuala Lumpur	Malaysia	175.139.17.41	Kuala Lumpur	68100
AS4788 TM Net, Internet Service Provider	Johor Bahru	Malaysia	175.137.88.195	Johor	81100
AS7922 Comcast Cable Communications, LLC	Fort Lauderdale	United States	174.48.234.209	Florida	33313
AS209 Qwest Communications Company, LLC	West Jordan	United States	174.23.42.91	Utah	84081
AS11426 Time Warner Cable Internet LLC	Greensboro	United States	174.111.207.38	North Carolina	27407
AS10796 Time Warner Cable Internet LLC	Sharon	United States	173.89.235.30	Pennsylvania	16146
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	New York	United States	173.56.10.52	New York	10005
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Conshohocken	United States	173.49.37.61	Pennsylvania	19428
	Boston	United States	173.246.167.91	Massachusetts	02108
AS6128 Cablevision Systems Corp.	Amityville	United States	173.220.27.17	New York	11701
AS27357 Rackspace Ltd.	San Antonio	United States	173.203.189.11	Texas	78218
AS30036 Mediacom Communications Corp	Des Moines	United States	173.18.204.214	Iowa	50317
AS33363 BRIGHT HOUSE NETWORKS, LLC	Bradenton	United States	173.171.149.207	Florida	34207
AS7922 Comcast Cable Communications, LLC	Bloomington	United States	173.15.25.110	Illinois	60108
AS18779 EGIHosting	Xiamen	China	172.252.19.245	Fujian	
AS7552 Viettel Group	Qui Nhon	Vietnam	171.243.3.44	Tinh Binh GJinh	

AS7552 Viettel Group	Hanoi	Vietnam	171.240.2.212	Thanh Pho Ha Noi	
AS4837 CHINA UNICOM China169 Backbone	Taiyuan	China	171.120.127.21	Shanxi	
AS266425 Franzoni Telecomunicações LTDA - ME	Bariri	Brazil	170.81.235.76	Sao Paulo	17250
AS266020 Iclick Telecom	Camacari	Brazil	170.245.238.125	Bahia	
AS10197 Chonnam National University	Gwangju	Republic of Korea	168.131.42.27	Gwangju	
AS6128 Cablevision Systems Corp.	Levittown	United States	167.206.118.31	New York	11756
AS1975 PROQUEST LLC	Ann Arbor	United States	165.215.84.183	Michigan	48107
AS6325 Illinois Century Network	Springfield	United States	163.191.199.51	Illinois	62704
AS13335 Cloudflare Inc	Montreal	Canada	162.159.18.13	Quebec	
AS46606 Unified Layer	Provo	United States	162.144.34.253	Utah	84606
AS852 TELUS Communications Inc.	Burnaby	Canada	161.184.42.40	British Columbia	V5N
AS2907 Research Organization of Information and Systems, National Institute of Informatics	Hitachi	Japan	160.202.0.155	Ibaraki	
AS14061 DigitalOcean, LLC	London	United Kingdom	159.65.20.115	England	EC2V
AS14061 DigitalOcean, LLC	Clifton	United States	159.203.166.131	New Jersey	07014
AS201341 Tesonet Ltd	Tirana	Albania	159.180.4.174	Qarku i Tiranes	
AS36691 Colorado State University-Pueblo	Pueblo	United States	158.142.181.147	Colorado	81001
AS200594 Soft Partner Szczypiorski Spolka Jawna	Radom	Poland	155.133.49.191	Mazovia	26-600
AS4837 CHINA UNICOM China169 Backbone	Nanjing	China	153.99.14.209	Jiangsu	
AS62585 Messiah College	Mechanicsburg	United States	153.42.231.243	Pennsylvania	17055
AS51828 PJSC Fars Telecommunication Company	Shiraz	Iran	151.234.243.50	Fars	
AS4837 CHINA UNICOM China169 Backbone	Haikou	China	150.255.34.61	Hainan	
AS174 Cogent Communications	El Escorial	Spain	149.7.17.189	Madrid	28200
AS87 Indiana University	Saint John	United States	149.162.29.186	Indiana	46373
AS19653 CTS Communications Corp	Kalamazoo	United States	146.113.207.172	Michigan	49006
AS8315 Amsio B.V.	Groningen	Netherlands	145.131.17.3	Groningen	9728
AS13127 Tele 2 Nederland B.V.	Arnhem	Netherlands	143.176.1.188	Provincie Gelderland	6828

AS19103 SNC-Lavalin Constructors	Montreal	Canada	142.242.53.111	Quebec	H2Z
AS33363 BRIGHT HOUSE NETWORKS, LLC	Winter Garden	United States	142.197.174.242	Florida	34787
AS33363 BRIGHT HOUSE NETWORKS, LLC	Kissimmee	United States	142.197.159.240	Florida	34746
AS553 Universitaet Stuttgart	Stuttgart	Germany	141.19.242.56	Baden-Württemberg Region	70173
AS19 Leidos, Inc.	Reston	United States	140.162.151.86	Virginia	20190
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	14.75.186.126	Gyeonggi-do	
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	14.67.68.104	Gyeonggi-do	
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	14.66.108.14	Gyeonggi-do	
AS4766 Korea Telecom	Pyeongchang County	Republic of Korea	14.54.133.1	Gangwon-do	
AS4766 Korea Telecom	Changwon	Republic of Korea	14.49.175.47	Gyeongsangnam-do	
AS45899 VNPT Corp	Hanoi	Vietnam	14.241.225.170	Thanh Pho Ha Noi	
AS45899 VNPT Corp	Vinh	Vietnam	14.228.81.98	Tinh Nghe An	
AS4134 No.31,Jin-rong Street	Jiangmen	China	14.118.253.179	Guangdong	
AS4837 CHINA UNICOM China169 Backbone	Changchun	China	139.212.151.225	Jilin	
AS786 Jisc Services Limited	Swindon	United Kingdom	139.166.110.95	England	SN3
AS200130 Digital Ocean, Inc.	Frankfurt am Main	Germany	138.68.94.235	Hesse	09039
AS53089 IDC TELECOM LTDA EPP	Guararema	Brazil	138.204.89.208	Sao Paulo	08900
AS263808 Cooperativa Electrica de Servicios y Obras Publicas de Oncativo Ltda.	Oncativo	Argentina	138.204.152.134	Cordoba	5986
AS263855 MZLNETH TELECOM	Cotia	Brazil	138.186.87.242	Sao Paulo	
AS52399 Alvarez Cable Hogar S.A.	Alvarez	Argentina	138.117.129.121	Santa Fe	2107
AS26557 Carleton College	Northfield	United States	137.22.100.129	Minnesota	55057
AS54600 PEG TECH INC	San Jose	United States	137.175.42.239	California	95113
AS16591 Google Fiber Inc.	Austin	United States	136.62.79.10	Texas	78745
AS186 The Catholic University of America	Washington	United States	136.242.253.198	District of Columbia	20064
AS680 Verein zur Foerderung eines Deutschen Forschungsnetzes e.V.	Essen	Germany	132.252.60.125	North Rhine-Westphalia	45144
AS36786 Universite Laval	Québec	Canada	132.203.123.91	Quebec	G1V

AS19957 BellSouth.net Inc.	Memphis	United States	132.192.33.159	Tennessee	38163
AS6834 KMD A/S	Odense	Denmark	131.165.107.29	South Denmark	5220
AS559 SWITCH	Zurich	Switzerland	130.60.152.133	Zurich	8037
AS10326 Worcester Polytechnic Institute	Worcester	United States	130.215.92.63	Massachusetts	01609
AS2637 Georgia Institute of Technology	Atlanta	United States	130.207.210.85	Georgia	30332
AS16509 Amazon.com, Inc.	Seattle	United States	13.32.222.92	Washington	98109
AS6360 University of Hawaii	Honolulu	United States	128.171.235.76	Hawaii	96813
AS17676 Softbank BB Corp.	Fukuoka	Japan	126.29.8.254	Fukuoka	812-0044
AS17676 Softbank BB Corp.	Matsudo	Japan	126.217.83.254	Chiba	271-0092
AS4134 No.31,Jin-rong Street	Chongqing	China	125.84.205.73	Chongqing	
AS4134 No.31,Jin-rong Street	Mianyang	China	125.65.100.23	Sichuan	
AS23969 TOT Public Company Limited	Bangkok	Thailand	125.26.21.14	Bangkok	
AS4134 No.31,Jin-rong Street	Huzhou	China	125.125.199.139	Zhejiang	
AS4134 No.31,Jin-rong Street	Shangyu	China	125.107.227.161	Zhejiang	
AS4837 CHINA UNICOM China169 Backbone	Baotou	China	124.67.189.98	Inner Mongolia Autonomous Region	
AS17858 LG POWERCOMM	Seoul	Republic of Korea	124.61.91.151	Seoul	
AS4847 China Networks Inter-Exchange	Beijing	China	124.193.93.105	Beijing	
AS4739 Internode Pty Ltd	Scullin	Australia	124.171.98.152	Australian Capital Territory	2614
AS4739 Internode Pty Ltd	Toowoomba	Australia	124.149.195.203	Queensland	4350
AS17586 CJ Hello Co., Ltd.	Seoul	Republic of Korea	124.146.22.79	Seoul	
AS4134 No.31,Jin-rong Street	Hefei	China	124.113.254.59	Anhui	
AS9299 Philippine Long Distance Telephone Company	Mandaluyong City	Philippines	124.104.36.53	National Capital Region	
AS4134 No.31,Jin-rong Street	Zhoushan	China	123.96.169.135	Zhejiang	
AS4134 No.31,Jin-rong Street	Zhengzhou	China	123.53.58.155	Henan	
AS131596 TBC	Taichung	Taiwan	123.240.74.41	Taichung City	
AS9723 iseeek Communications Pty Ltd	Brisbane	Australia	123.200.162.119	Queensland	4000

AS4837 CHINA UNICOM China169 Backbone	Dashiqiao	China	123.190.89.88	Liaoning	
AS4808 China Unicom Beijing Province Network	Beijing	China	123.124.92.39	Beijing	
AS4837 CHINA UNICOM China169 Backbone	Puyang Chengguanzhen	China	123.12.81.131	Henan	
AS4808 China Unicom Beijing Province Network	Beijing	China	123.119.50.253	Beijing	
AS17858 LG POWERCOMM	Seoul (Hangang-daero)	Republic of Korea	122.32.17.123	Seoul	
AS17858 LG POWERCOMM	Seoul (Hangang-daero)	Republic of Korea	122.32.146.126	Seoul	
AS4134 No.31,Jin-rong Street	Hangzhou	China	122.234.103.1	Zhejiang	
AS4837 CHINA UNICOM China169 Backbone	Wuhan	China	122.191.2.229	Hubei	
AS4713 NTT Communications Corporation	Motomachi	Japan	122.18.207.10	Hokkaido	092-0002
AS4837 CHINA UNICOM China169 Backbone	Beihai	China	121.31.162.168	Guangxi	
AS4837 CHINA UNICOM China169 Backbone	Shahecheng	China	121.27.71.163	Hebei	
AS4134 No.31,Jin-rong Street	Licheng	China	121.231.47.34	Jiangsu	
AS4837 CHINA UNICOM China169 Backbone	Baoding	China	121.18.2.238	Hebei	
AS4766 Korea Telecom	Gwangju	Republic of Korea	121.178.106.110	Gwangju	
AS4766 Korea Telecom	Ulsan	Republic of Korea	121.176.225.252	Ulsan	
AS4766 Korea Telecom	Seoul	Republic of Korea	121.169.136.188	Seoul	
AS4837 CHINA UNICOM China169 Backbone	Hebei	China	121.16.31.149	Hebei	
AS4837 CHINA UNICOM China169 Backbone	Suning	China	121.16.143.143	Hebei	
AS4766 Korea Telecom	Seoul	Republic of Korea	121.131.236.142	Seoul	
AS9534 Binariang Berhad	Johor Bahru	Malaysia	121.122.81.6	Johor	81200
AS2527 So-net Entertainment Corporation	Ogaki	Japan	120.74.146.2	Gifu	500-8802
AS38322 WEBE DIGITAL SDN. BHD.	Langat	Malaysia	120.141.66.20	Selangor	
AS7018 AT&T; Services, Inc.	Schaumburg	United States	12.169.96.30	Illinois	
AS7018 AT&T; Services, Inc.	Anaheim	United States	12.126.173.122	California	92806

AS4760 PCCW Limited	City of Victoria	Hong Kong	119.237.25.240	Central and Western District	
AS4837 CHINA UNICOM China169 Backbone	Xiamen	China	119.233.245.178	Fujian	
AS4766 Korea Telecom	Seongnam-si	Republic of Korea	119.222.236.164	Gyeonggi-do	
AS4766 Korea Telecom	Cheongju-si	Republic of Korea	119.220.210.134	Chungcheongbuk-do	
AS4766 Korea Telecom	Seoul	Republic of Korea	119.194.237.220	Seoul	
AS4837 CHINA UNICOM China169 Backbone	Tai'an	China	119.183.147.134	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Linyi	China	119.176.186.113	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Taiyuan	China	118.76.93.80	Shanxi	
AS18403 The Corporation for Financing & Promoting Technology	Ho Chi Minh City	Vietnam	118.69.193.229	Ho Chi Minh City	
AS17447 Net4India Ltd	Pune	India	118.67.240.97	Maharashtra	411045
AS4766 Korea Telecom	Incheon	Republic of Korea	118.47.167.96	Incheon	
AS4766 Korea Telecom	Seoul	Republic of Korea	118.39.32.122	Seoul	
AS4766 Korea Telecom	Bucheon-si	Republic of Korea	118.33.34.118	Gyeonggi-do	
AS58879 Shanghai Anchang Network Security Technology Co.,Ltd.	Shanghai	China	118.193.235.99	Shanghai	
AS4134 No.31,Jin-rong Street	Suicheng	China	118.122.171.89	Jiangsu	
AS4134 No.31,Jin-rong Street	Zhenjiang	China	117.90.75.18	Jiangsu	
AS4134 No.31,Jin-rong Street	Hefei	China	117.71.172.166	Anhui	
AS4134 No.31,Jin-rong Street	Hefei	China	117.66.133.34	Anhui	
AS9829 National Internet Backbone	Delhi	India	117.234.85.118	National Capital Territory of Delhi	
AS9829 National Internet Backbone	Pune	India	117.223.92.246	Maharashtra	411001
AS9829 National Internet Backbone	Tiruchi	India	117.201.34.8	Tamil Nadu	
AS24086 Viettel Corporation	Da Nang	Vietnam	116.98.125.157	Thanh Pho GJa Nang	
AS23930 IP-Converge Data Center, Inc.	Makati City	Philippines	116.93.41.208	National Capital Region	
AS4134 No.31,Jin-rong Street	Kunming	China	116.55.149.129	Yunnan	

AS17858 LG POWERCOMM	Seoul	Republic of Korea	116.47.182.218	Seoul	
AS17858 LG POWERCOMM	Seoul	Republic of Korea	116.47.134.228	Seoul	
AS24086 Viettel Corporation	Ho Chi Minh City	Vietnam	116.103.225.228	Ho Chi Minh City	
AS7552 Viettel Group	Ho Chi Minh City	Vietnam	115.75.64.139	Ho Chi Minh City	
AS4837 CHINA UNICOM China169 Backbone	Anyang	China	115.59.25.56	Henan	
AS4837 CHINA UNICOM China169 Backbone	Shanghai	China	115.58.82.89	Shanghai	
AS4837 CHINA UNICOM China169 Backbone	Anyang	China	115.54.179.84	Henan	
AS4766 Korea Telecom	Incheon (Jakjeon-dong)	Republic of Korea	115.5.82.26	Incheon	
AS4134 No.31,Jin-rong Street	Jiaxing	China	115.230.246.50	Zhejiang	
AS4134 No.31,Jin-rong Street	Jiaxing	China	115.229.20.43	Zhejiang	
AS4134 No.31,Jin-rong Street	Linhai	China	115.203.177.75	Zhejiang	
AS4808 China Unicom Beijing Province Network	Beijing	China	114.254.183.189	Beijing	
AS4808 China Unicom Beijing Province Network	Beijing	China	114.241.245.239	Beijing	
AS4134 No.31,Jin-rong Street	Yancheng	China	114.236.76.25	Jiangsu	
AS4134 No.31,Jin-rong Street	Nantong	China	114.231.11.198	Jiangsu	
AS4134 No.31,Jin-rong Street	Nanjing	China	114.230.23.170	Jiangsu	
AS4713 NTT Communications Corporation	Shizuoka	Japan	114.191.196.132	Shizuoka	420-0839
AS4713 NTT Communications Corporation	Naie	Japan	114.177.243.66	Hokkaido	
AS4134 No.31,Jin-rong Street	Guiyang	China	114.139.241.19	Guizhou	
AS4134 No.31,Jin-rong Street	Chanshan	China	114.100.250.104	Jiangsu	
AS4609 Companhia de Telecomunicacoes de Macau SARL	Macao	Macao	113.52.98.123		
AS4134 No.31,Jin-rong Street	Yingxian	China	113.27.115.198	Shanxi	
AS4134 No.31,Jin-rong Street	Changsha	China	113.241.232.156	Hunan	

AS4837 CHINA UNICOM China169 Backbone	Shenyang	China	113.236.26.161	Liaoning	
AS4837 CHINA UNICOM China169 Backbone	Dandong	China	113.229.246.214	Liaoning	
AS4837 CHINA UNICOM China169 Backbone	Dashiqiao	China	113.228.249.170	Liaoning	
AS4837 CHINA UNICOM China169 Backbone	Dalian	China	113.226.48.32	Liaoning	
AS4837 CHINA UNICOM China169 Backbone	Shenyang	China	113.225.172.123	Liaoning	
AS4134 No.31,Jin-rong Street	Loudi	China	113.220.231.209	Hunan	
AS45899 VNPT Corp	Hanoi	Vietnam	113.169.157.136	Thanh Pho Ha Noi	
AS37963 Hangzhou Alibaba Advertising Co.,Ltd.	Hangzhou	China	112.74.164.190	Zhejiang	
AS4837 CHINA UNICOM China169 Backbone	Qingdao	China	112.254.18.45	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Linyi	China	112.251.24.24	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Jinan	China	112.242.46.47	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Yantai	China	112.238.156.176	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Yantai	China	112.237.99.75	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Jinan	China	112.232.187.43	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Jinan	China	112.230.82.61	Shandong	
AS3786 LG DACOM Corporation	Seoul	Republic of Korea	112.219.181.121	Seoul	
AS9299 Philippine Long Distance Telephone Company	Bagong Nayon	Philippines	112.204.246.63	Calabarzon	
AS56046 China Mobile communications corporation	Nanjing	China	112.20.70.204	Jiangsu	
AS4837 CHINA UNICOM China169 Backbone	Yibin	China	112.192.253.155	Sichuan	
AS4766 Korea Telecom	Incheon (Ganseok 1(il)-dong)	Republic of Korea	112.181.90.105	Incheon	
AS17858 LG POWERCOMM	Seoul	Republic of Korea	112.148.103.220	Seoul	
AS18318 CJ Hello Co., Ltd.	Suncheon	Republic of Korea	112.140.249.170	Jeollanam-do	
AS37963 Hangzhou Alibaba Advertising Co.,Ltd.	Hangzhou	China	112.127.186.247	Zhejiang	

AS2444 Shandong Mobile Communication Company Limited	Weifang	China	111.35.141.2	Shandong	
AS3462 Data Communication Business Group	Chang-hua	Taiwan	111.253.50.105	Changhua	
AS4134 No.31,Jin-rong Street	Wuhan	China	111.175.215.125	Hubei	
AS132165 Connect Communications	Karachi	Pakistan	111.119.175.97	Sindh	12311
AS2516 KDDI CORPORATION	Yokohama	Japan	111.101.140.137	Kanagawa	231-0005
AS9394 China TieTong Telecommunications Corporation	Wuhan	China	110.200.22.122	Hubei	
AS21219 Private Joint Stock Company datagroup	Dnipro	Ukraine	109.206.56.15	Dnipro	49020
AS50596 Informatsionnye Tekhnologii LLC	Kovrov	Russia	109.201.111.181	Vladimirskaia Oblast'	601900
AS29562 Kabel BW	Geisingen	Germany	109.193.121.99	Baden-Württemberg Region	78187
AS8926 Moldtelecom SA	Drochia	Republic of Moldova	109.185.111.19	Drochia	MD-5216
AS34056 Kyiv Optic Networks Ltd	Kiev	Ukraine	109.108.85.41	Kyiv City	04075
AS15557 SFR SA	Buzancais	France	109.10.101.223	Centre-Val de Loire	36500
AS15557 SFR SA	Lyon	France	109.1.99.160	Auvergne-Rhone-Alpes	69007
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Billerica	United States	108.7.56.248	Massachusetts	01821
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Reston	United States	108.56.132.191	Virginia	20191
AS7018 AT&T; Services, Inc.	Los Angeles	United States	108.233.190.249	California	90067
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Virginia Beach	United States	108.17.159.138	Virginia	23456
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Cicero	United States	108.12.39.218	New York	13039
AS7018 AT&T; Services, Inc.	Hollister	United States	107.215.161.195	California	95023
AS26496 GoDaddy.com, LLC	Scottsdale	United States	107.180.28.185	Arizona	85260
AS36352 ColoCrossing	San Jose	United States	107.174.109.101	California	95113
AS7065 Sonoma Interconnect	Santa Rosa	United States	107.156.98.252	California	95407
AS32097 WholeSale Internet, Inc.	Kansas City	United States	107.150.56.73	Missouri	64116

AS11426 Time Warner Cable Internet LLC	Apex	United States	107.15.141.30	North Carolina	27539
AS4134 No.31,Jin-rong Street	Chongqing	China	106.88.88.254	Chongqing	
AS4134 No.31,Jin-rong Street	Chongqing	China	106.83.186.29	Chongqing	
AS4134 No.31,Jin-rong Street	Nanchang	China	106.6.232.3	Jiangxi	
AS4134 No.31,Jin-rong Street	Yinchuan	China	106.45.118.123	Ningsia Hui Autonomous Region	
AS37457 Telkom-Internet	Johannesburg	South Africa	105.225.77.169	Gauteng	2000
AS6713 Itissalat Al-MAGHRIB	Rabat	Morocco	105.143.55.205	Region de Rabat-Sale-Zemmour-Zaer	
AS16625 Akamai Technologies, Inc.	Amsterdam	Netherlands	104.86.52.196	North Holland	1091
AS16625 Akamai Technologies, Inc.	Amsterdam	Netherlands	104.83.215.164	North Holland	1091
AS16625 Akamai Technologies, Inc.	Cambridge	United States	104.71.86.153	Massachusetts	02142
AS9605 NTT DOCOMO, INC.	Cambridge	United States	104.70.31.224	Massachusetts	02142
AS16625 Akamai Technologies, Inc.	Amsterdam	Netherlands	104.70.125.96	North Holland	1091
AS9924 Taiwan Fixed Network, Telco and Network Service Provider.	Cambridge	United States	104.66.147.162	Massachusetts	02142
AS20001 Time Warner Cable Internet LLC	Diamond Bar	United States	104.32.108.129	California	91765
AS13335 Cloudflare Inc	Montreal	Canada	104.27.9.210	Quebec	
AS13335 Cloudflare Inc	Montreal	Canada	104.24.59.48	Quebec	
AS13335 Cloudflare Inc	Montreal	Canada	104.19.124.57	Quebec	
AS13335 Cloudflare Inc	Montreal	Canada	104.17.126.112	Quebec	
AS7352 WECOM INC	Kingman	United States	104.166.2.79	Arizona	86401
AS20940 Akamai International B.V.	Cambridge	United States	104.113.107.151	Massachusetts	02142
AS16625 Akamai Technologies, Inc.	Amsterdam	Netherlands	104.111.214.81	North Holland	1091
AS20940 Akamai International B.V.	Cambridge	United States	104.104.161.11	Massachusetts	02142
AS133636 Fisheye Limited	Auckland	New Zealand	103.39.23.153	Auckland	1050
AS62468 VpsQuan L.L.C.	Mongkok	Hong Kong	103.255.61.135	Yau Tsim Mong	
AS133739 CoreDV Pty Ltd ts	Sydney	Australia	103.224.209.243	New South Wales	2000
AS135253 Mft Internet Private Limited	Baharampur	India	103.220.91.81	West Bengal	742102
AS45267 Lightwire LTD	Morrinsville	New Zealand	103.18.119.111	Waikato	3300

AS4837 CHINA UNICOM China169 Backbone	Shaoxing	China	101.67.223.86	Zhejiang	
AS23674 Nayatel (Pvt) Ltd	Islamabad	Pakistan	101.50.75.57	Islamabad	44000
AS4837 CHINA UNICOM China169 Backbone	Hebei	China	101.23.207.171	Hebei	
AS23682 Broadband Pacenet Pvt. Ltd	New Delhi	India	101.0.41.109	National Capital Territory of Delhi	
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Brooklyn	United States	100.33.61.232	New York	11222
AS4134 No.31,Jin-rong Street	Xi'an	China	1.83.153.171	Shaanxi	
AS4837 CHINA UNICOM China169 Backbone	Baotou	China	1.27.177.63	Inner Mongolia Autonomous Region	
AS9318 SK Broadband Co Ltd	Seoul (Toegye-ro)	Republic of Korea	1.255.182.19	Seoul	
AS9318 SK Broadband Co Ltd	Ansan-si	Republic of Korea	1.230.185.154	Gyeonggi-do	
AS4134 No.31,Jin-rong Street	Pingdingshan	China	1.194.6.49	Henan	
AS3462 Data Communication Business Group	Hsinchu	Taiwan	1.161.208.191	Hsinchu	
AS23969 TOT Public Company Limited	Bangkok	Thailand	1.0.170.31	Bangkok	