

Mon Jun 18 11:49:01 2018

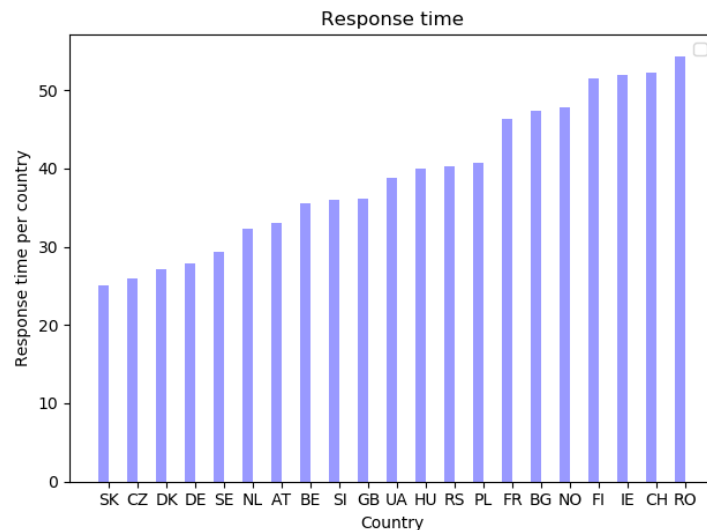
Misc-Stats:

Totally pinged IP-Adresses: 10000
Responding IP-Adresses: 1666
Not responding IP-Adresses: 8334
Percentage: 16.66

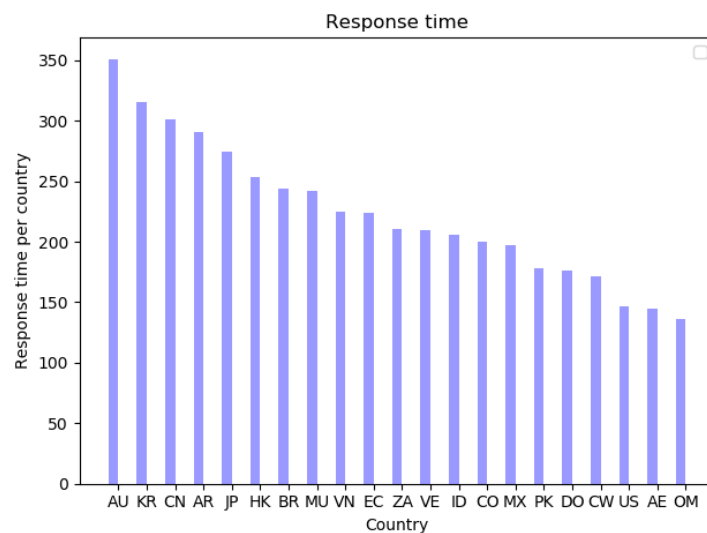
Time-Stats:

The average response time was 126.75

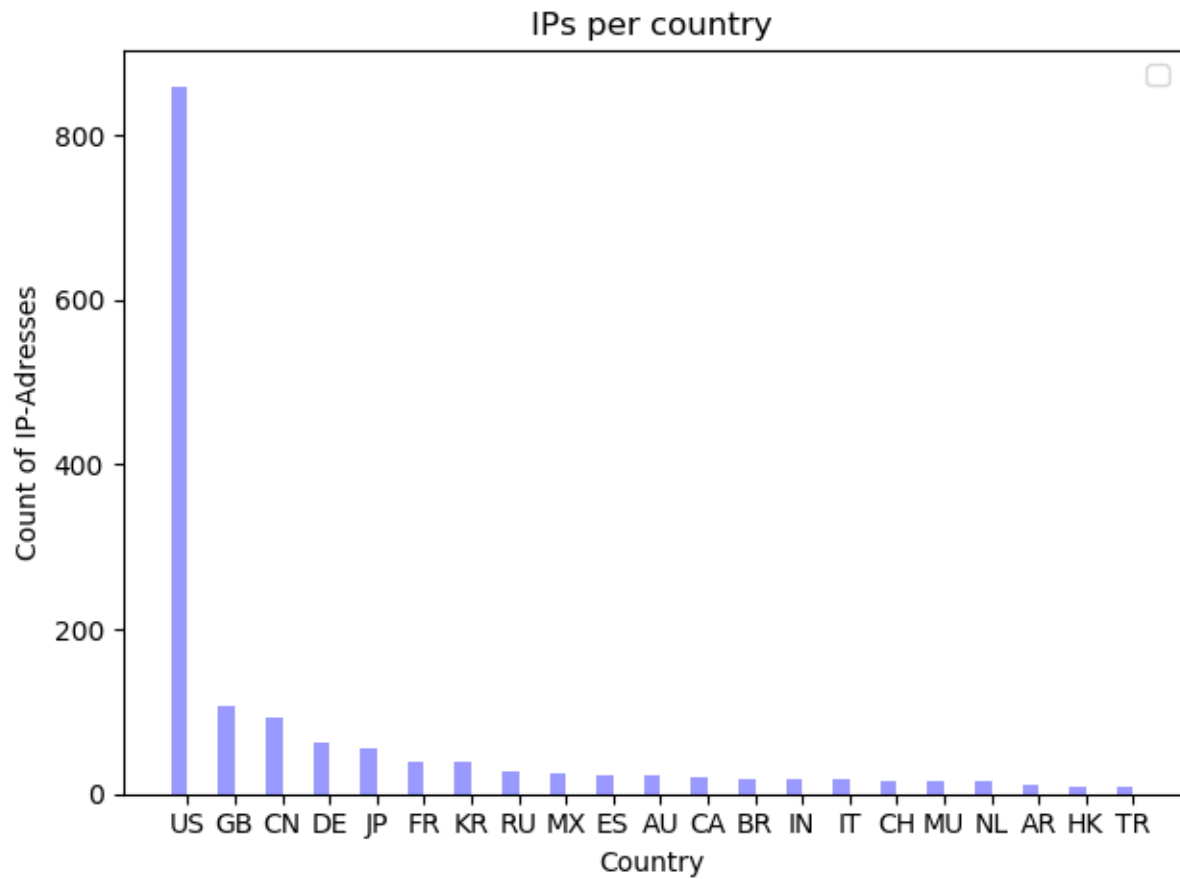
Average response time for every country (ASCENDING):



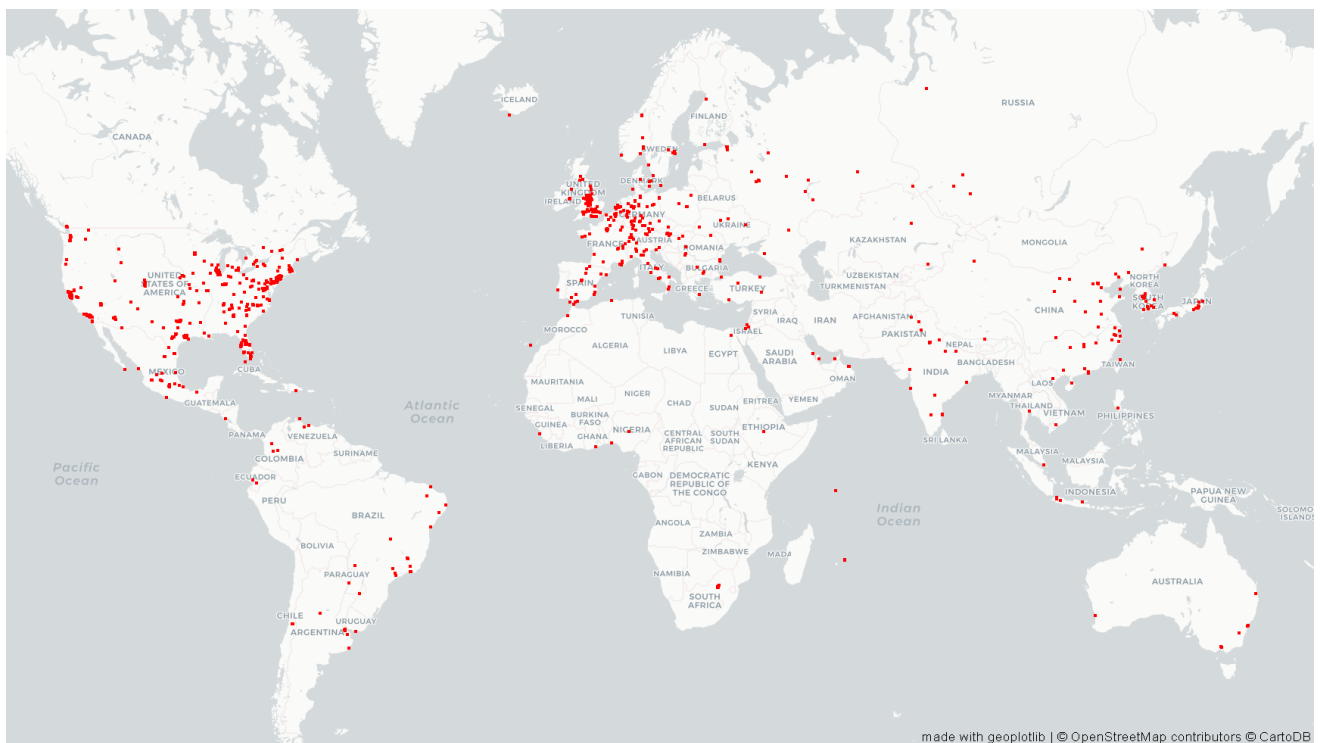
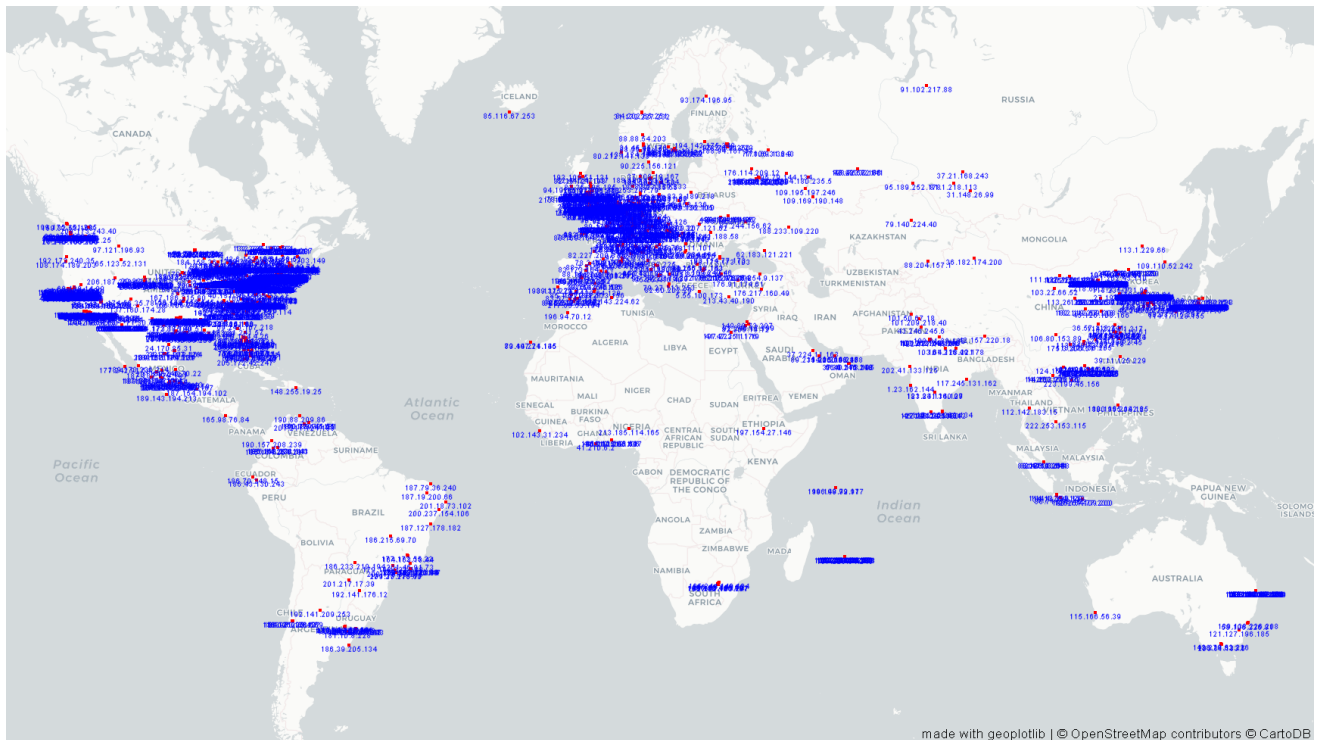
Average response time for every country (DESCENDING):



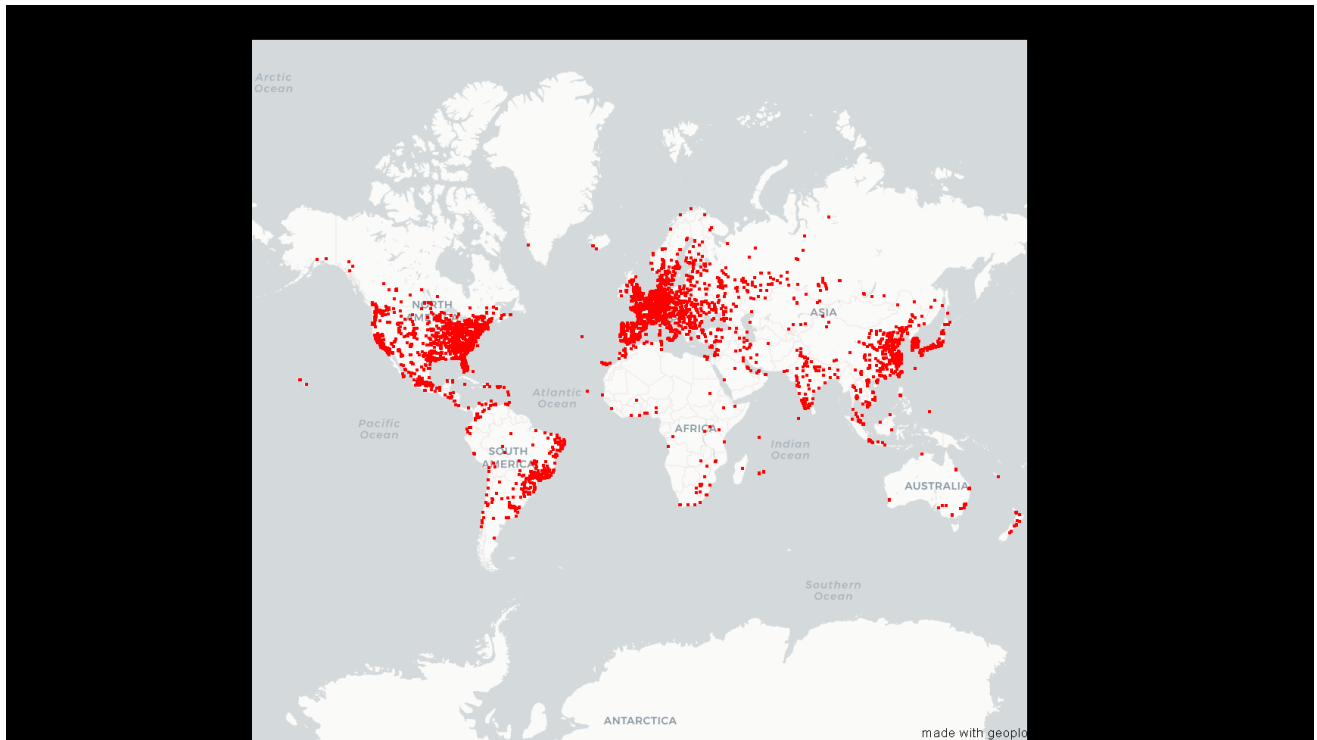
The dispersal of the responding IPs to the countrys:



The locations of every IP founded in this result:



The locations of every IP ever founded:



Name	City	Country	IP	Region	ZIP-Code
	Ajax	Canada	99.213.228.133	Ontario	L1S
AS7922 Comcast Cable Communications, LLC	Park Forest	United States	98.227.92.125	Illinois	60466
AS7922 Comcast Cable Communications, LLC	Quincy	United States	98.214.42.108	Illinois	62301
AS7922 Comcast Cable Communications, LLC	Rock Falls	United States	98.213.71.47	Illinois	61071
AS7922 Comcast Cable Communications, LLC	Merced	United States	98.208.24.216	California	95348
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Ossining	United States	98.113.144.253	New York	10562
AS11351 Time Warner Cable Internet LLC	Webster	United States	98.1.18.249	New York	14580
AS209 Qwest Communications Company, LLC	Bozeman	United States	97.121.196.93	Montana	59715
AS33363 BRIGHT HOUSE NETWORKS, LLC	Kissimmee	United States	97.100.107.253	Florida	34747
AS204170 Awaser Oman LLC	Muscat	Oman	96.9.140.198	Muscat	
AS16527 Guadalupe Valley Telephone Cooperative, Inc.	New Braunfels	United States	96.8.231.158	Texas	78132
AS33363 BRIGHT HOUSE NETWORKS, LLC	Clearwater	United States	96.59.50.93	Florida	33761
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Newport News	United States	96.249.229.92	Virginia	23606
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Bridgeville	United States	96.236.148.143	Pennsylvania	15017
AS42682 JSC ER-Telecom Holding	Nizhniy Novgorod	Russia	95.79.144.134	Nizhny Novgorod Oblast	603096
AS6830 Liberty Global Operations B.V.	Sânnicolau Mare	Romania	95.76.111.101	Judetul Timis	305600
AS9145 EWE-Tel GmbH	Meppen	Germany	95.33.191.193	Lower Saxony	49716
AS3269 Telecom Italia	Naples	Italy	95.253.16.40	Campania	80127
AS3269 Telecom Italia	Rome	Italy	95.248.198.190	Latium	00164
AS3269 Telecom Italia	Monteforte Irpino	Italy	95.242.211.139	Campania	83024
AS3269 Telecom Italia	Monforte d'Alba	Italy	95.232.216.52	Piedmont	12065
AS44050 Petersburg Internet Network Ltd.	St Petersburg	Russia	95.215.0.250	St.-Petersburg	192283
AS12389 Rostelecom	Omsk	Russia	95.189.252.178	Omskaya Oblast'	644000
AS48713 OJS Moscow city telephone network	Moscow	Russia	94.45.2.21	Moscow	102429

AS15802 Emirates Integrated Telecommunications Company PJSC (EITC-DU)	Dubai	United Arab Emirates	94.200.0.225	Dubai	
AS5607 Sky UK Limited	Sittingbourne	United Kingdom	94.193.166.97	England	ME10
AS5607 Sky UK Limited	Belfast	United Kingdom	94.192.210.209	Northern Ireland	BT15
AS33824 ConSol Consulting & Solutions Software GmbH	Taufkirchen	Germany	94.185.88.3	Bavaria	82024
AS41668 JSC ER-Telecom Holding	Kazan'	Russia	94.180.235.5	Tatarstan Republic	422525
AS42351 StreamNet EOOD	Sofia	Bulgaria	94.155.98.163	Sofia-Capital	1000
AS5607 Sky UK Limited	Walsall	United Kingdom	94.15.55.52	England	WS2
AS48638 Cronos NV	Brussels	Belgium	94.143.186.28	Brussels Capital	1012
AS33885 Ownit AB	Stockholm	Sweden	94.137.102.179	Stockholm	173 11
	Kiev	Ukraine	94.131.61.8	Kyiv City	
AS5607 Sky UK Limited	Mansfield	United Kingdom	94.10.207.200	England	NG18
AS3320 Deutsche Telekom AG	Geisenheim	Germany	93.210.137.51	Hesse	65366
AS15557 SFR SA	Rueil-Malmaison	France	93.20.159.49	Île-de-France	92500
AS20904 Netplaza Oy	Oulu	Finland	93.174.196.95	Northern Ostrobothnia	90510
AS51461 Arka Universal Impex Srl	Eforie Sud	Romania	93.114.77.173	Constanta	905360
AS15557 SFR SA	Hautmont	France	92.93.95.56	Hauts-de-France	59330
AS15557 SFR SA	Montluel	France	92.89.178.209	Auvergne-Rhone-Alpes	01120
AS3209 Vodafone GmbH	Cologne	Germany	92.73.0.197	North Rhine-Westphalia	50823
AS8559 kabelplus GmbH	Neusiedl am See	Austria	92.62.22.125	Burgenland	7100
	Jerusalem	Israel	92.240.17.199	Jerusalem	
AS6805 Telefonica Germany	Dortmund	Germany	92.224.133.178	North Rhine-Westphalia	44149
	Rennes	France	92.179.169.61	Brittany	35000
	Rennes	France	92.178.147.97	Brittany	35000
	Eindhoven (Beemden)	Netherlands	92.120.14.235	North Brabant	5656
AS43234 TalkTalk	Oxford	United Kingdom	92.12.67.111	England	OX1
AS3303 Swisscom (Switzerland) Ltd	Zurich	Switzerland	92.106.185.98	Zurich	8049
	London	United Kingdom	91.103.8.108	England	W1B
AS41904 Severgazautomatica ICE	Novy Urengoy	Russia	91.102.217.88	Yamalo-Nenets	629300
	Châtillon	France	90.98.224.1	Île-de-France	92320
	Châtillon	France	90.67.253.120	Île-de-France	92320
AS3301 Telia Company AB	Gothenburg	Sweden	90.225.156.121	Västra Götaland	408 07
AS5607 Sky UK Limited	Manchester	United Kingdom	90.209.95.98	England	M40
AS5607 Sky UK Limited	Tilbury	United Kingdom	90.204.139.67	England	RM18

AS5607 Sky UK Limited	Birmingham	United Kingdom	90.197.207.65	England	B36
AS5607 Sky UK Limited	Portsmouth	United Kingdom	90.196.67.150	England	PO5
AS5607 Sky UK Limited	Halesowen	United Kingdom	90.196.194.148	England	B63
AS3215 Orange	Arras	France	90.121.115.180	Hauts-de-France	62000
	Newark	United States	9.99.113.25	New Jersey	07175
	Newark	United States	9.93.53.81	New Jersey	07175
	Newark	United States	9.92.80.222	New Jersey	07175
	Newark	United States	9.79.106.235	New Jersey	07175
	Newark	United States	9.69.207.55	New Jersey	07175
	Hinesburg	United States	9.61.62.51	Vermont	05461
	Hinesburg	United States	9.61.56.52	Vermont	05461
	Newark	United States	9.48.232.61	New Jersey	07175
	Newark	United States	9.35.81.186	New Jersey	07175
	Newark	United States	9.25.181.125	New Jersey	07175
	Newark	United States	9.249.5.73	New Jersey	07175
	Newark	United States	9.231.225.187	New Jersey	07175
	Newark	United States	9.226.247.242	New Jersey	07175
	Newark	United States	9.220.121.102	New Jersey	07175
	Newark	United States	9.166.27.213	New Jersey	07175
	Newark	United States	9.166.130.246	New Jersey	07175
	Newark	United States	9.160.6.143	New Jersey	07175
	Newark	United States	9.160.133.124	New Jersey	07175
	Newark	United States	9.152.137.159	New Jersey	07175
	Newark	United States	9.148.201.14	New Jersey	07175
	Newark	United States	9.126.244.56	New Jersey	07175
	Newark	United States	9.120.57.144	New Jersey	07175
	Newark	United States	9.119.52.196	New Jersey	07175
	Newark	United States	9.118.198.89	New Jersey	07175
	Newark	United States	9.118.182.44	New Jersey	07175
	Newark	United States	9.117.60.151	New Jersey	07175
	Newark	United States	9.116.19.71	New Jersey	07175
	Newark	United States	9.103.238.183	New Jersey	07175
	Newark	United States	9.100.219.95	New Jersey	07175
	Newark	United States	9.100.216.29	New Jersey	07175
AS6830 Liberty Global Operations B.V.	Nijkerk	Netherlands	89.98.57.95	Provincie Gelderland	3861
AS51490 Proper Support LLP	Elstree	United Kingdom	89.33.200.116	England	WD6
AS42298 Ooredoo Q.S.C.	Doha	Qatar	89.211.205.156	Baladiyat ad Dawhah	
AS28907 Internet Invest Ltd.	Kiev	Ukraine	89.184.65.61	Kyiv City	04212
AS13045 htp GmbH	Hanover	Germany	89.183.64.141	Lower Saxony	30167

AS13045 htp GmbH	Wedemark	Germany	89.182.85.224	Lower Saxony	30900
AS34383 Teloise	Attichy	France	89.170.119.72	Hauts-de-France	60350
AS12824 home.pl S.A.	Szczecin	Poland	89.161.161.167	West Pomeranian Voivodeship	70-653
AS12353 Vodafone Portugal - Comunicacoes Pessoais S.A.	Lisbon	Portugal	89.115.79.3	Lisbon	1400-410
AS2119 Telenor Norge AS	Langhus	Norway	88.95.96.150	Akershus	1403
AS2119 Telenor Norge AS	Moelv	Norway	88.88.54.203	Hedmark	2390
AS3352 Telefonica De Espana	Pamplona	Spain	88.7.215.165	Navarre	31080
AS3209 Vodafone GmbH	Germering	Germany	88.67.45.193	Bavaria	82110
AS3352 Telefonica De Espana	Arbeca	Spain	88.28.206.125	Catalonia	25140
AS47331 Turk Telekom	Ordu	Turkey	88.254.9.137	Ordu	52000
AS3352 Telefonica De Espana	Cadiz	Spain	88.25.201.235	Andalusia	11001
AS9198 JSC Kazakhtelecom	Almaty (Almaly)	Kazakhstan	88.204.157.1	Almaty Qalasy	
AS12322 Free SAS	Marseille	France	88.179.21.36	Provence-Alpes-Côte d'Azur	13011
AS12322 Free SAS	Lorient	France	88.169.164.213	Brittany	56100
	Roubaix	France	88.143.64.224	Nord-Pas-de-Calais	59100
AS3352 Telefonica De Espana	Soria	Spain	88.14.82.212	Castille and León	42001
AS197524 CCNST Deutschland GmbH	Deggendorf	Germany	88.133.132.47	Bavaria	94469
AS9105 Tiscali UK Limited	Brighton	United Kingdom	88.107.1.139	England	BN3
AS3292 Tele Danmark	Klemensker	Denmark	87.63.129.233	Capital Region	3782
AS43561 NET1 Ltd.	Sofia	Bulgaria	87.246.13.143	Sofia-Capital	1000
AS35776 EWE-Tel GmbH	Hiddenhausen	Germany	87.245.12.213	North Rhine-Westphalia	32120
AS21310 Satellite Ltd	Poltava	Ukraine	87.244.156.62	Poltavs'ka Oblast'	36040
AS3269 Telecom Italia	Palo del Colle	Italy	87.20.75.232	Apulia	70027
AS3320 Deutsche Telekom AG	Syke	Germany	87.188.167.175	Lower Saxony	28857
AS3320 Deutsche Telekom AG	Waldkirch	Germany	87.174.62.185	Baden-Württemberg Region	79183
AS3320 Deutsche Telekom AG	Leonberg	Germany	87.149.32.215	Baden-Württemberg Region	71229
AS8881 1&1 Versatel Deutschland GmbH	Berlin	Germany	87.123.137.128	Land Berlin	13627
AS5089 Virgin Media Limited	Nelson	United Kingdom	86.5.173.236	England	BB9
AS5089 Virgin Media Limited	Telford	United Kingdom	86.29.233.83	England	TF8

AS5089 Virgin Media Limited	Newcastle-under-Lyme	United Kingdom	86.27.4.57	England	ST5
AS5089 Virgin Media Limited	Stockport	United Kingdom	86.26.86.17	England	SK1
AS5089 Virgin Media Limited	Salford	United Kingdom	86.2.60.120	England	M6
	Zurich	Switzerland	86.116.28.225	Zurich	8001
AS3269 Telecom Italia	Teramo	Italy	85.36.199.162	Abruzzo	64100
AS25394 MK Netzdienste GmbH & Co. KG	Arnstein	Germany	85.220.162.85	Bavaria	97450
AS200845 Avatel & Wikiker Telecom S.L.	Marbella	Spain	85.217.136.91	Andalusia	29600
	Amsterdam (Grachtengordel-West)	Netherlands	85.202.82.37	North Holland	1016
AS21193 Centre de Telecomunicacions i Tecnologies de la Informació de la Generalitat de Catalunya	Barcelona	Spain	85.192.101.192	Catalonia	08001
AS199610 marbis GmbH	Karlsruhe (Grünwinkel)	Germany	85.190.131.91	Baden-Württemberg	76185
AS200584 Nagravision SA	Cheseaux-sur-Lausanne	Switzerland	85.184.252.127	Vaud	1033
AS60781 LeaseWeb Netherlands B.V.	Amsterdam	Netherlands	85.17.173.1	North Holland	1012
AS5390 Euronet Communications B.V.	Hilversum	Netherlands	85.148.204.226	North Holland	1211
AS6739 Vodafone Ono, S.A.	Cordova	Spain	85.137.183.27	Andalusia	14002
AS34678 Eignafelag Tolvunar ehf	Vestmannaeyjar	Iceland	85.116.67.253	South	900
AS9121 Turk Telekom	Istanbul	Turkey	85.102.72.1	Istanbul	34134
AS3209 Vodafone GmbH	Wiesbaden	Germany	84.59.244.180	Hesse	65195
AS8422 NetCologne GmbH	Cologne	Germany	84.44.156.227	North Rhine-Westphalia	50672
AS2119 Telenor Norge AS	Trondheim	Norway	84.202.65.251	Trøndelag	7045
AS6848 Telenet BVBA	Mechelen	Belgium	84.197.219.27	Flanders	2800
AS6848 Telenet BVBA	Antwerp	Belgium	84.196.113.240	Flanders	2000
AS3320 Deutsche Telekom AG	Altrip	Germany	84.183.102.38	Rheinland-Pfalz	67122
AS3320 Deutsche Telekom AG	Bonn	Germany	84.163.70.7	North Rhine-Westphalia	53111
AS3320 Deutsche Telekom AG	Bobenheim am Berg	Germany	84.136.201.110	Rheinland-Pfalz	67273
AS6739 Vodafone Ono, S.A.	San Fernando	Spain	84.125.233.165	Andalusia	11100
AS12357 Vodafone Spain	Alicante	Spain	84.120.64.139	Valencia	03005
AS6830 Liberty Global Operations B.V.	Vienna	Austria	84.114.226.169	Vienna	1160

AS3303 Swisscom (Switzerland) Ltd	Zurich	Switzerland	83.77.149.109	Zurich	8055
AS3352 Telefonica De Espana	Madrid	Spain	83.60.68.135	Madrid	28001
AS3352 Telefonica De Espana	Seville	Spain	83.57.144.113	Andalusia	41001
AS3352 Telefonica De Espana	Valencia	Spain	83.53.254.105	Valencia	46001
AS3352 Telefonica De Espana	Las Palmas de Gran Canaria	Spain	83.49.221.135	Canary Islands	35001
AS3352 Telefonica De Espana	Málaga	Spain	83.39.81.102	Andalusia	29004
AS5617 Orange Polska Spolka Akcyjna	Orzysz	Poland	83.3.189.218	Warmia-Masuria	12-250
AS6739 Vodafone Ono, S.A.	Logroño	Spain	83.173.164.177	La Rioja	26004
	London	United Kingdom	83.138.36.215	England	WC1X 8AL
AS702 MCI Communications Services, Inc. d/b/a Verizon Business	Warzachewka Polska	Poland	83.136.158.136	Kujawsko-Pomorskie	87-807
AS3269 Telecom Italia	Carpi	Italy	82.61.70.116	Emilia-Romagna	41012
AS3269 Telecom Italia	Catanzaro	Italy	82.60.202.29	Calabria	88100
AS3269 Telecom Italia	Trieste	Italy	82.60.171.117	Friuli Venezia Giulia	34134
AS5089 Virgin Media Limited	Edinburgh	United Kingdom	82.44.247.137	Scotland	EH1
AS5089 Virgin Media Limited	Stockport	United Kingdom	82.35.24.197	England	SK5
AS5089 Virgin Media Limited	Whitley Bay	United Kingdom	82.35.196.185	England	NE26
AS5089 Virgin Media Limited	Coatbridge	United Kingdom	82.35.121.198	Scotland	ML5
AS12322 Free SAS	Domont	France	82.239.129.17	Île-de-France	95330
AS12322 Free SAS	Courbevoie	France	82.236.15.240	Île-de-France	92400
AS12322 Free SAS	Bordeaux	France	82.227.200.37	Nouvelle-Aquitaine	33000
AS12322 Free SAS	Montrouge	France	82.227.151.142	Île-de-France	92120
AS15975 Hadara	Gaza	Palestine	82.205.19.12		
AS3302 Infracom Italia S.p.A.	Marano Vicentino	Italy	82.193.11.101	Veneto	36035
AS12644 Telemach d.o.o.	Ljubljana	Slovenia	82.192.38.63	Ljubljana	1000
AS1136 KPN B.V.	Amsterdam	Netherlands	82.171.67.229	North Holland	1031
AS5089 Virgin Media Limited	Dudley	United Kingdom	82.16.136.200	England	DY1
AS197308 Cygate AB	Handen	Sweden	81.91.11.65	Stockholm	136 37
	Lurate Caccivio	Italy	81.28.253.215	Lombardy	22075
AS8422 NetCologne GmbH	Cologne	Germany	81.173.141.66	North Rhine-Westphalia	50672

AS2856 British Telecommunications PLC	Bognor Regis	United Kingdom	81.151.12.127	England	PO21
AS2856 British Telecommunications PLC	Coventry	United Kingdom	81.147.25.183	England	CV5
AS5089 Virgin Media Limited	Stevenage	United Kingdom	81.109.240.110	England	SG1
AS5089 Virgin Media Limited	Southampton	United Kingdom	81.106.2.8	England	SO16
AS5089 Virgin Media Limited	Liverpool	United Kingdom	81.101.116.3	England	L3
AS21127 JSC Zap-Sib TransTeleCom, Novosibirsk	Novosibirsk	Russia	81.1.218.113	Novosibirsk Oblast	630000
AS6830 Liberty Global Operations B.V.	Budapest	Hungary	80.98.130.161	Budapest	1012
AS5617 Orange Polska Spolka Akcyjna	Warsaw	Poland	80.52.136.105	Mazovia	00-202
AS9105 Tiscali UK Limited	Great Harwood	United Kingdom	80.43.161.18	England	BB6
AS2119 Telenor Norge AS	Stavanger	Norway	80.212.141.133	Rogaland Fylke	4001
AS3320 Deutsche Telekom AG	Hamburg	Germany	80.151.105.53	Hamburg	22117
AS3320 Deutsche Telekom AG	Frankfurt am Main	Germany	80.140.194.85	Hesse	60598
AS6830 Liberty Global Operations B.V.	Vienna	Austria	80.108.243.245	Vienna	1140
	Singapore	Singapore	8.222.193.158	Central Singapore Community Development Council	
	Singapore	Singapore	8.186.1.234	Central Singapore Community Development Council	
	Singapore	Singapore	8.176.3.54	Central Singapore Community Development Council	
	Singapore	Singapore	8.173.0.253	Central Singapore Community Development Council	
	Singapore	Singapore	8.141.33.141	Central Singapore Community Development Council	
AS15557 SFR SA	Évry	France	79.84.213.122	Île-de-France	91000
AS3269 Telecom Italia	Parma	Italy	79.47.61.136	Emilia-Romagna	43100
AS3269 Telecom Italia	San Giovanni in Fiore	Italy	79.27.113.253	Calabria	87055
AS3320 Deutsche Telekom AG	Marksuhl	Germany	79.232.19.224	Thuringia	99819
AS3320 Deutsche Telekom AG	Reiskirchen	Germany	79.227.195.30	Hesse	35447
AS3269 Telecom Italia	Montesilvano Marina	Italy	79.18.180.19	Abruzzo	65015
AS3352 Telefonica De Espana	Madrid	Spain	79.158.79.92	Madrid	28001

AS3352 Telefonica De Espana	Mislata	Spain	79.154.175.136	Valencia	46920
AS3352 Telefonica De Espana	Las Palmas de Gran Canaria	Spain	79.147.74.145	Canary Islands	35004
AS3352 Telefonica De Espana	Barcelona	Spain	79.146.210.211	Catalonia	08010
AS43873 Ab Group LLC	Karagandy	Kazakhstan	79.140.224.40	Karaganda	
AS6805 Telefonica Germany	Hamburg	Germany	78.50.178.160	Hamburg	22087
AS6805 Telefonica Germany	Nuremberg	Germany	78.48.153.96	Bavaria	90429
AS24940 Hetzner Online GmbH	Nuremberg	Germany	78.47.111.14	Bavaria	90403
AS35492 Verein zur Foerderung freier Netze (ZVR: 814804682)	Vienna	Austria	78.41.117.59	Vienna	1090
AS12322 Free SAS	Castelginest	France	78.245.217.120	Occitanie	31780
AS12322 Free SAS	Sanary-sur-Mer	France	78.230.39.83	Provence-Alpes-Côte d'Azur	83110
AS12322 Free SAS	Locmaria-Grand-Champ	France	78.213.178.116	Brittany	56390
AS12322 Free SAS	Annecy	France	78.206.142.180	Auvergne-Rhone-Alpes	74000
AS12322 Free SAS	Giraumont	France	78.204.199.32	Grand Est	54780
AS2110 BT Communications Ireland Limited	Dublin	Ireland	78.19.158.83	Leinster	D02
	Istanbul	Turkey	78.135.91.77	Istanbul	34885
AS8228 SFR SA	Brue-Auriac	France	78.112.103.49	Provence-Alpes-Côte d'Azur	83119
AS30868 JSC ER-Telecom Holding	Yekaterinburg	Russia	77.223.82.75	Sverdlovskaya Oblast'	620007
AS6805 Telefonica Germany	Munich	Germany	77.190.19.93	Bavaria	80539
AS12389 Rostelecom	Vologda	Russia	77.106.31.243	Vologodskaya Oblast'	160009
AS20001 Time Warner Cable Internet LLC	Hacienda Heights	United States	76.90.105.125	California	91745
	Newark	United States	76.55.162.6	New Jersey	07175
	Burlington	United States	76.46.145.236	Wisconsin	53105
AS209 Qwest Communications Company, LLC	Rocky Mount	United States	76.4.217.203	North Carolina	27803
AS7922 Comcast Cable Communications, LLC	Galveston	United States	76.30.56.208	Texas	77550
AS27482 American Eagle Computer Products, Inc.	Oak Brook	United States	76.227.215.44	Illinois	60523
AS7922 Comcast Cable Communications, LLC	Denver	United States	76.120.25.110	Colorado	80220
AS7922 Comcast Cable Communications, LLC	Boynton Beach	United States	76.108.207.114	Florida	33426

AS7018 AT&T; Services, Inc.	Huntley	United States	75.49.209.233	Illinois	60142
AS20115 Charter Communications	Waynesville	United States	75.130.113.219	North Carolina	28786
AS13823 Mesh.Net	Azle	United States	74.113.246.147	Texas	76020
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Phoenixville	United States	74.109.4.241	Pennsylvania	19460
	Clarksburg	United States	74.109.152.32	West Virginia	26301
AS7922 Comcast Cable Communications, LLC	Schererville	United States	73.8.211.12	Indiana	46375
AS7922 Comcast Cable Communications, LLC	Minneapolis	United States	73.65.45.8	Minnesota	55435
AS7922 Comcast Cable Communications, LLC	Fort Myers	United States	73.28.95.177	Florida	33901
AS7922 Comcast Cable Communications, LLC	Philadelphia	United States	73.233.130.49	Pennsylvania	19146
AS7922 Comcast Cable Communications, LLC	Spring	United States	73.232.107.26	Texas	77379
AS7922 Comcast Cable Communications, LLC	Bedford	United States	73.154.245.33	Pennsylvania	15522
AS7922 Comcast Cable Communications, LLC	Manchester	United States	73.119.240.74	New Hampshire	03102
AS11427 Time Warner Cable Internet LLC	Dallas	United States	72.181.128.176	Texas	75206
AS209 Qwest Communications Company, LLC	Odessa	United States	72.160.122.25	Washington	99159
AS20115 Charter Communications	Turlock	United States	71.9.138.94	California	95382
AS11426 Time Warner Cable Internet LLC	Greensboro	United States	71.76.158.92	North Carolina	27406
AS209 Qwest Communications Company, LLC	Porter	United States	71.52.86.14	Texas	77365
AS17402 CENTURYLINK, INC.	Maple Grove	United States	71.51.141.9	Minnesota	55311
AS7029 Windstream Communications LLC	Hobbs	United States	71.30.110.192	New Mexico	88240
AS209 Qwest Communications Company, LLC	Cape Coral	United States	71.208.201.53	Florida	33904
AS54641 InMotion Hosting, Inc.	Los Angeles	United States	70.39.145.153	California	90045
	Pittsburgh	United States	70.20.69.43	Pennsylvania	15212
AS22773 Cox Communications Inc.	Collinsville	United States	70.184.22.203	Oklahoma	74021
	Newark	United States	70.17.122.1	New Jersey	07175

AS11427 Time Warner Cable Internet LLC	Austin	United States	70.123.27.200	Texas	78723
AS11427 Time Warner Cable Internet LLC	San Antonio	United States	70.123.223.58	Texas	78216
AS11427 Time Warner Cable Internet LLC	San Antonio	United States	70.121.194.90	Texas	78230
	Columbus (East Columbus)	United States	7.88.121.57	Ohio	43218
	Columbus (East Columbus)	United States	7.7.77.178	Ohio	43218
	Columbus (East Columbus)	United States	7.66.168.170	Ohio	43218
	Columbus (East Columbus)	United States	7.62.201.81	Ohio	43218
	Columbus (East Columbus)	United States	7.255.66.141	Ohio	43218
	Columbus (East Columbus)	United States	7.238.128.251	Ohio	43218
	Columbus (East Columbus)	United States	7.227.164.46	Ohio	43218
	Columbus (East Columbus)	United States	7.226.164.78	Ohio	43218
	Columbus (East Columbus)	United States	7.22.233.140	Ohio	43218
	Columbus (East Columbus)	United States	7.198.161.39	Ohio	43218
	Columbus (East Columbus)	United States	7.189.18.253	Ohio	43218
	Columbus (East Columbus)	United States	7.17.117.205	Ohio	43218
	Columbus (East Columbus)	United States	7.139.165.253	Ohio	43218
	Columbus (East Columbus)	United States	7.121.68.205	Ohio	43218
	Columbus (East Columbus)	United States	7.105.32.229	Ohio	43218
	Columbus (East Columbus)	United States	7.101.158.196	Ohio	43218
	Columbus (East Columbus)	United States	7.0.44.32	Ohio	43218
	New York	United States	69.96.103.201	New York	10123
AS13760 Southern Light, LLC	New Orleans	United States	69.85.198.91	Louisiana	70125
AS393517 Tableau Software, Inc.	Seattle	United States	69.25.143.168	Washington	98103
AS7922 Comcast Cable Communications, LLC	Hinesville	United States	69.245.107.218	Georgia	31313
	New York	United States	69.191.112.147	New York	10022

AS7018 AT&T; Services, Inc.	Dallas	United States	69.149.81.202	Texas	75357
AS7018 AT&T; Services, Inc.	Carson City	United States	69.109.14.90	Nevada	89711
AS7922 Comcast Cable Communications, LLC	Levittown	United States	68.80.124.88	Pennsylvania	19057
AS7922 Comcast Cable Communications, LLC	Athens	United States	68.59.149.67	Tennessee	37303
AS7922 Comcast Cable Communications, LLC	Lansing	United States	68.56.185.44	Michigan	48917
AS7922 Comcast Cable Communications, LLC	Soddy	United States	68.53.200.213	Tennessee	37379
AS7922 Comcast Cable Communications, LLC	Brentwood	United States	68.53.115.119	Tennessee	37027
AS7922 Comcast Cable Communications, LLC	Grand Rapids	United States	68.48.130.40	Michigan	49503
AS7922 Comcast Cable Communications, LLC	Crossville	United States	68.46.249.139	Tennessee	38558
AS7922 Comcast Cable Communications, LLC	Fort Wayne	United States	68.45.180.252	Indiana	46815
	Los Angeles	United States	68.180.133.203	California	90009
AS12271 Time Warner Cable Internet LLC	Flushing	United States	68.175.41.181	New York	11355
AS12271 Time Warner Cable Internet LLC	New York	United States	68.174.238.72	New York	10026
AS12271 Time Warner Cable Internet LLC	Brooklyn	United States	68.173.238.209	New York	11211
	Ashburn	United States	68.139.142.4	Virginia	20147
	Ashburn	United States	68.136.214.137	Virginia	20147
AS22773 Cox Communications Inc.	Ocala	United States	68.101.91.77	Florida	34471
AS22773 Cox Communications Inc.	Scottsdale	United States	68.0.136.202	Arizona	85260
AS6621 Hughes Network Systems	New York	United States	67.44.175.48	New York	10123
AS14910 CENTURYLINK, INC.	Columbia City	United States	67.237.41.9	Indiana	46725
AS7029 Windstream Communications LLC	Greensboro	United States	66.83.104.106	North Carolina	27407
	New York	United States	66.6.43.146	New York	10010
	Atlanta	United States	66.55.70.70	Georgia	30350
AS7922 Comcast Cable Communications, LLC	Homestead	United States	66.229.54.230	Florida	33033
AS11695 TheStreet.Com	Los Altos	United States	66.219.81.4	California	94024
AS7922 Comcast Cable Communications, LLC	Independence	United States	66.208.221.237	Missouri	64051
AS7922 Comcast Cable Communications, LLC	Monroe	United States	66.208.199.238	Louisiana	71203

AS14477 FINGER LAKES TECHNOLOGIES GROUP, INC.	Phelps	United States	66.152.115.90	New York	14532
AS32392 The Endurance International Group, Inc.	Burlington	United States	66.116.221.84	Massachusetts	01803
	Miami	United States	65.87.117.67	Florida	33102
	Minneapolis (Downtown East)	United States	65.76.201.35	Minnesota	55415
	Redwood City	United States	65.21.211.252	California	94063
AS19390 Compunet	Jackson	United States	65.123.52.131	Wyoming	83001
	San Mateo	United States	64.191.30.235	California	94403
AS46273 Apogee Telecom Inc.	Austin	United States	64.189.96.204	Texas	78705
	Reading	United Kingdom	62.50.250.25	England	RG2 0QX
AS15743 net.de AG	Hanover	Germany	62.48.91.1	Lower Saxony	30173
	Vienna (Brigittenau)	Austria	62.186.114.167	Vienna	1200
	Krasnodar	Russia	62.183.121.221	Krasnodarskiy Kray	350000
AS31034 Aruba S.p.A.	Arezzo	Italy	62.149.188.225	Tuscany	52100
	Leeds	United Kingdom	62.137.188.61	England	LS2 7PS
	Dudley	United Kingdom	62.130.211.28	England	DY1
AS3786 LG DACOM Corporation	Anyang-si (Deokcheon-ro)	Republic of Korea	61.39.163.70	Gyeonggi-do	14088
	Seoul (Jungdae-ro)	Republic of Korea	61.251.34.234	Seoul	138-950
AS17676 Softbank BB Corp.	Takamatsu	Japan	60.93.115.201	Kagawa	760-0017
AS17676 Softbank BB Corp.	Tokyo	Japan	60.73.49.93	Tokyo	102-0082
AS4134 No.31,Jin-rong Street	Shaoxing	China	60.183.66.32	Zhejiang	
AS17676 Softbank BB Corp.	Tokyo	Japan	60.124.58.165	Tokyo	102-0082
	Fort Huachuca	United States	6.87.40.205	Arizona	85613
	Fort Huachuca	United States	6.87.247.16	Arizona	85613
	Fort Huachuca	United States	6.69.176.62	Arizona	85613
	Fort Huachuca	United States	6.64.64.96	Arizona	85613
	Fort Huachuca	United States	6.63.231.182	Arizona	85613
	Fort Huachuca	United States	6.59.191.118	Arizona	85613
	Fort Huachuca	United States	6.58.142.28	Arizona	85613
	Fort Huachuca	United States	6.5.45.155	Arizona	85613
	Fort Huachuca	United States	6.40.118.21	Arizona	85613
	Fort Huachuca	United States	6.225.213.148	Arizona	85613
	Turlock	United States	6.218.181.144	California	95382
	Fort Huachuca	United States	6.20.61.47	Arizona	85613

	Fort Huachuca	United States	6.160.248.171	Arizona	85613
	Fort Huachuca	United States	6.145.202.32	Arizona	85613
	Fort Huachuca	United States	6.141.15.198	Arizona	85613
	Fort Huachuca	United States	6.129.179.94	Arizona	85613
	Fort Huachuca	United States	6.113.193.8	Arizona	85613
	Beijing	China	59.254.92.9	Beijing	
	Beijing	China	59.249.211.91	Beijing	
	Beijing	China	59.242.27.59	Beijing	
	Beijing	China	59.240.24.68	Beijing	
	Beijing	China	59.208.188.234	Beijing	
	Beijing	China	59.205.115.142	Beijing	
	Beijing	China	59.199.212.151	Beijing	
	Beijing	China	59.192.194.132	Beijing	
	Jinan	China	58.15.90.177	Shandong	
AS4804 Microplex PTY LTD	Brighton-Le-Sands	Australia	58.106.226.81	New South Wales	2216
	Raleigh	United States	56.86.149.65	North Carolina	27668
	Raleigh	United States	56.79.96.169	North Carolina	27668
	Raleigh	United States	56.71.209.226	North Carolina	27668
	Raleigh	United States	56.67.55.109	North Carolina	27668
	Raleigh	United States	56.65.32.2	North Carolina	27668
	Raleigh	United States	56.53.188.201	North Carolina	27668
	Raleigh	United States	56.43.203.54	North Carolina	27668
	Raleigh	United States	56.43.160.150	North Carolina	27668
	Raleigh	United States	56.36.73.170	North Carolina	27668
	Raleigh	United States	56.254.175.151	North Carolina	27668
	Raleigh	United States	56.253.83.139	North Carolina	27668
	Raleigh	United States	56.248.240.11	North Carolina	27668
	Raleigh	United States	56.223.111.45	North Carolina	27668
	Raleigh	United States	56.212.64.91	North Carolina	27668
	Raleigh	United States	56.211.138.95	North Carolina	27668
	Henderson	United States	56.206.136.228	Nevada	89002
	Raleigh	United States	56.181.155.116	North Carolina	27668
	Raleigh	United States	56.174.84.194	North Carolina	27668
	Raleigh	United States	56.143.67.52	North Carolina	27668
	Raleigh	United States	56.137.172.250	North Carolina	27668
	Raleigh	United States	56.126.75.57	North Carolina	27668
	Raleigh	United States	56.123.144.5	North Carolina	27668
	Raleigh	United States	56.115.223.203	North Carolina	27668
	Raleigh	United States	56.1.33.143	North Carolina	27668
	Woodbridge	United States	54.43.204.172	New Jersey	07095

	Woodbridge	United States	54.35.217.154	New Jersey	07095
AS16509 Amazon.com, Inc.	Seattle	United States	54.230.228.126	Washington	98108
	Woodbridge	United States	54.141.58.107	New Jersey	07095
	Woodbridge	United States	54.133.109.253	New Jersey	07095
	Woodbridge	United States	54.106.161.52	New Jersey	07095
	Woodbridge	United States	54.10.175.161	New Jersey	07095
	Woodbridge	United States	54.0.51.195	New Jersey	07095
	Redmond	United States	52.135.252.208	Washington	98052
	Birchwood	United Kingdom	51.82.179.103	England	WA3 6QX
	Roubaix	France	51.81.202.211	Nord-Pas-de-Calais	59100
	Birchwood	United Kingdom	51.69.159.185	England	WA3 6QX
	Manchester (Clarendon House)	United Kingdom	51.56.217.235	England	M1 4NB
	Manchester (Clarendon House)	United Kingdom	51.56.123.230	England	M1 4NB
	Birchwood	United Kingdom	51.50.7.245	England	WA3 6QX
	Birchwood	United Kingdom	51.28.90.208	England	WA3 6QX
	Birchwood	United Kingdom	51.214.123.10	England	WA3 6QX
	Birchwood	United Kingdom	51.147.67.17	England	WA3 6QX
	Little Hulton	United Kingdom	51.135.164.253	England	M29 8NB
	Birchwood	United Kingdom	51.117.129.192	England	WA3 6QX
	Birchwood	United Kingdom	51.113.155.80	England	WA3 6QX
	Birchwood	United Kingdom	51.101.246.122	England	WA3 6QX
AS5650 Frontier Communications of America, Inc.	Fairmont	United States	50.110.80.35	West Virginia	26554
AS35362 Company with additional responsibility Company BEST	Zhytomyr	Ukraine	5.83.19.217	Zhytomyrs'ka Oblast'	10029
AS5607 Sky UK Limited	Bridgwater	United Kingdom	5.71.10.190	England	TA6
AS5607 Sky UK Limited	Barnsley	United Kingdom	5.70.157.14	England	S70
AS3329 Vodafone-panafon Hellenic Telecommunications Company SA	Athens	Greece	5.55.100.173	Attica	
AS28885 Oman Telecommunications Company (S.A.O.G)	Muscat	Oman	5.36.215.240	Muscat	
AS60168 Net Service LTD.	Momchilovtsi	Bulgaria	5.32.128.251	Oblast Smolyan	4750
AS15802 Emirates Integrated Telecommunications Company PJSC (EITC-DU)	Dubai	United Arab Emirates	5.30.204.240	Dubai	
AS6830 Liberty Global Operations B.V.	Bochum	Germany	5.147.90.48	North Rhine-Westphalia	44869
	London	United Kingdom	5.132.131.249	England	EC2V

	Seoul	Republic of Korea	49.9.194.206	Seoul	
AS10054 CMB Kwangju Broadcasting	Gwangju	Republic of Korea	49.246.55.220	Gwangju	
	Chennai (Anna Salai)	India	49.12.188.12	Tamil Nadu	600001
	Newark	United States	48.97.212.106	New Jersey	07102
	Newark	United States	48.93.86.110	New Jersey	07102
	Newark	United States	48.32.99.155	New Jersey	07102
	Newark	United States	48.250.41.200	New Jersey	07102
	Newark	United States	48.233.51.187	New Jersey	07102
	Newark	United States	48.229.77.90	New Jersey	07102
	Newark	United States	48.228.14.211	New Jersey	07102
	Newark	United States	48.211.201.196	New Jersey	07102
	Newark	United States	48.2.203.11	New Jersey	07102
	Newark	United States	48.2.142.66	New Jersey	07102
	Newark	United States	48.197.243.242	New Jersey	07102
	Newark	United States	48.194.35.86	New Jersey	07102
	Newark	United States	48.187.83.147	New Jersey	07102
	Newark	United States	48.173.4.104	New Jersey	07102
	Newark	United States	48.163.120.63	New Jersey	07102
	Newark	United States	48.16.203.107	New Jersey	07102
	Newark	United States	48.140.68.215	New Jersey	07102
	Newark	United States	48.105.25.27	New Jersey	07102
AS45102 Alibaba (China) Technology Co., Ltd.	Hong Kong	Hong Kong	47.91.131.120	Central and Western	
	Englewood	United States	47.227.208.152	Colorado	80111
AS6128 Cablevision Systems Corp.	Cassville	United States	47.17.67.46	New Jersey	08527
AS5650 Frontier Communications of America, Inc.	Menifee	United States	47.145.15.43	California	92584
AS20115 Charter Communications	Hickory	United States	47.135.105.217	North Carolina	28602
	Hangzhou	China	47.118.99.242	Zhejiang	
	St Louis	United States	47.0.175.129	Missouri	63101
AS3320 Deutsche Telekom AG	Hamburg	Germany	46.94.15.211	Hamburg	22395
AS12668 LLC KomTehCentr	Yekaterinburg	Russia	46.48.57.166	Sverdlovskaya Oblast'	620007
AS42525 GlobalConnect A/S	Wittund	Germany	46.253.247.79	Schleswig-Holstein	25946
AS57669 Pulsant Limited	Reading	United Kingdom	46.236.62.2	England	RG2 0HP
AS39742 IT-MARK Ltd	Kiev	Ukraine	46.174.161.95	Kyiv City	02068
AS49524 Wolnet SRL	Verona	Italy	46.141.110.218	Veneto	37100

AS25513 OJS Moscow city telephone network	Moscow	Russia	46.138.39.79	Moscow	102429
AS63949 Linode, LLC	Atlanta	United States	45.79.209.236	Georgia	30301
	Rickmansworth	United Kingdom	45.69.45.224	England	WD3
	Montevideo	Uruguay	45.239.117.35	Departamento de Montevideo	
AS265848 FIBERMAX S.A.	Lomas de Zamora	Argentina	45.224.106.113	Buenos Aires	1832
	Montevideo	Uruguay	45.183.37.147	Departamento de Montevideo	
	Montevideo	Uruguay	45.172.156.243	Departamento de Montevideo	
	Montevideo	Uruguay	45.168.1.130	Departamento de Montevideo	
	Marina del Rey	United States	45.157.252.192	California	90292
	Marina del Rey	United States	45.149.147.186	California	90292
AS11179 Aryaka Networks, Inc.	Bengaluru (3rd Phase)	India	45.126.246.130	Karnataka	
	Xuzhou	China	45.126.108.166	Jiangsu	
AS290 Interop Show Network	Beverly Hills	United States	45.0.56.83	California	90210
	Tokyo	Japan	43.98.13.161	Tokyo	102-0082
	Tokyo	Japan	43.94.152.171	Tokyo	102-0082
	Tokyo	Japan	43.94.107.233	Tokyo	102-0082
	Tokyo	Japan	43.80.2.254	Tokyo	102-0082
	Tokyo	Japan	43.49.95.160	Tokyo	102-0082
	Tokyo	Japan	43.41.129.180	Tokyo	102-0082
	Tokyo	Japan	43.29.183.243	Tokyo	102-0082
	Tokyo	Japan	43.28.99.160	Tokyo	102-0082
	Central	Hong Kong	43.251.249.127	Central and Western District	
AS58438 ApnaTeleLink pvt. Ltd.	Shahkot	India	43.246.245.6	Punjab	144702
	Tokyo	Japan	43.24.210.119	Tokyo	102-0082
	Tokyo	Japan	43.223.3.208	Tokyo	102-0082
	Tokyo	Japan	43.210.145.12	Tokyo	102-0082
	Tokyo	Japan	43.204.244.140	Tokyo	102-0082
	Tokyo	Japan	43.186.125.92	Tokyo	102-0082
	Tokyo	Japan	43.186.108.204	Tokyo	102-0082
	Tokyo	Japan	43.183.57.242	Tokyo	102-0082
	Tokyo	Japan	43.179.204.210	Tokyo	102-0082
	Tokyo	Japan	43.176.129.83	Tokyo	102-0082
	Tokyo	Japan	43.173.61.236	Tokyo	102-0082
	Tokyo	Japan	43.160.62.110	Tokyo	102-0082

	Tokyo	Japan	43.155.30.70	Tokyo	102-0082
	Tokyo	Japan	43.148.19.49	Tokyo	102-0082
	Tokyo	Japan	43.132.155.246	Tokyo	102-0082
	Tokyo	Japan	43.129.175.65	Tokyo	102-0082
	Tokyo	Japan	43.126.156.91	Tokyo	102-0082
	Tokyo	Japan	43.12.60.21	Tokyo	102-0082
	Seoul (Gil-dong)	Republic of Korea	42.8.218.60	Seoul	
	Shenyang	China	42.253.43.187	Liaoning	
	Shenyang	China	42.252.208.170	Liaoning	
	Shenyang	China	42.250.147.120	Liaoning	
	Beijing	China	42.219.94.121	Beijing	
	Beijing	China	42.212.8.1	Beijing	
	Guangzhou	China	42.194.21.220	Guangdong	
	Beijing	China	42.187.189.41	Beijing	
	Beijing	China	42.171.109.85	Beijing	
	Beijing	China	42.169.154.250	Beijing	
	Tara	China	42.157.220.18	Tibet	
	Beijing	China	42.137.148.251	Beijing	
AS8452 TE-AS	Cairo	Egypt	41.47.251.176	Cairo Governorate	
	Lagos	Nigeria	41.219.212.136	Lagos	
AS29614 VODAFONE GHANA AS INTERNATIONAL TRANSIT	Accra	Ghana	41.210.6.2	Greater Accra Region	
	Lagos	Nigeria	41.203.103.61	Lagos	
AS5713 SAIX-NET	Edenvale	South Africa	41.147.181.77	Gauteng	1609
AS7029 Windstream Communications LLC	Lexington	United States	40.131.30.141	Kentucky	40509
	Taipei	Taiwan	39.11.125.229	Taipei City	
AS20773 Host Europe GmbH	Hoest	Germany	37.61.207.136	North Rhine-Westphalia	47652
	Muscat	Oman	37.40.178.105	Muhafazat Masqat	
AS25019 Saudi Telecom Company JSC	Dhahran	Saudi Arabia	37.224.11.163	Eastern Province	
AS12389 Rostelecom	Tomsk	Russia	37.21.168.243	Tomsk Oblast	634050
AS198612 Wekudata AB	Vaxtorp	Sweden	37.208.19.167	Halland	312 07
AS25513 OJS Moscow city telephone network	Moscow	Russia	37.190.32.68	Moscow	102429
AS12479 Orange Espagne SA	Valencia	Spain	37.133.40.58	Valencia	46023
AS17974 PT Telekomunikasi Indonesia	Bandung	Indonesia	36.71.230.152	West Java	

AS7713 PT Telekomunikasi Indonesia	Bogor	Indonesia	36.71.163.17	West Java	
AS4134 No.31,Jin-rong Street	Lu'an	China	36.57.118.241	Anhui	
AS9808 Guangdong Mobile Communication Co.Ltd.	Ürümqi	China	36.182.174.200	Xinjiang	
	Hangzhou	China	36.121.37.201	Zhejiang	
	Ann Arbor	United States	35.74.229.113	Michigan	48104
AS15169 Google LLC	Ashburn	United States	35.226.61.9	Virginia	20149
AS19527 Google LLC	Mountain View	United States	35.207.60.155	California	94043
AS15169 Google LLC	Mountain View	United States	35.185.23.183	California	94043
	St Louis	United States	35.146.25.154	Missouri	63101
	St Louis	United States	35.144.203.40	Missouri	63101
	Ann Arbor	United States	35.126.203.192	Michigan	48104
	Ann Arbor	United States	35.104.163.128	Michigan	48104
	Ann Arbor	United States	35.102.178.103	Michigan	48104
	Houston	United States	34.76.129.159	Texas	77032
	Houston	United States	34.37.173.21	Texas	77032
	Houston	United States	34.30.215.80	Texas	77032
	Houston	United States	34.29.173.188	Texas	77032
	Houston	United States	34.24.81.225	Texas	77032
	Houston	United States	34.178.120.107	Texas	77032
	Houston	United States	34.168.164.120	Texas	77032
	Houston	United States	34.162.70.117	Texas	77032
	Houston	United States	34.16.102.221	Texas	77032
	Houston	United States	34.146.43.5	Texas	77032
	Houston	United States	34.145.149.219	Texas	77032
	Edinburg	United States	34.135.218.164	Texas	78542
	Houston	United States	34.132.183.125	Texas	77032
	Houston	United States	34.124.69.249	Texas	77032
	Houston	United States	34.111.39.191	Texas	77032
	Houston	United States	34.105.222.238	Texas	77032
	Columbus (East Columbus)	United States	33.90.17.90	Ohio	43218
	Columbus (East Columbus)	United States	33.78.253.107	Ohio	43218
	Columbus (East Columbus)	United States	33.43.228.104	Ohio	43218
	Columbus (East Columbus)	United States	33.26.145.236	Ohio	43218
	Columbus (East Columbus)	United States	33.247.72.166	Ohio	43218
	Plano	United States	33.243.223.245	Texas	75024

	Columbus (East Columbus)	United States	33.241.85.53	Ohio	43218
	Columbus (East Columbus)	United States	33.240.139.16	Ohio	43218
	Columbus (East Columbus)	United States	33.239.120.96	Ohio	43218
	Columbus (East Columbus)	United States	33.238.161.57	Ohio	43218
	Columbus (East Columbus)	United States	33.235.179.93	Ohio	43218
	Columbus (East Columbus)	United States	33.225.176.92	Ohio	43218
	Columbus (East Columbus)	United States	33.210.239.41	Ohio	43218
	Columbus (East Columbus)	United States	33.206.209.216	Ohio	43218
	Columbus (East Columbus)	United States	33.203.116.132	Ohio	43218
	Columbus (East Columbus)	United States	33.201.232.51	Ohio	43218
	Columbus (East Columbus)	United States	33.170.203.32	Ohio	43218
	Seattle	United States	33.165.253.8	Washington	98105
	Columbus (East Columbus)	United States	33.161.69.211	Ohio	43218
	Columbus (East Columbus)	United States	33.157.36.144	Ohio	43218
	Columbus (East Columbus)	United States	33.153.71.194	Ohio	43218
	Watertown	United States	33.145.231.187	Massachusetts	02472
	Columbus (East Columbus)	United States	33.122.138.14	Ohio	43218
	Columbus (East Columbus)	United States	33.110.126.24	Ohio	43218
	Columbus (East Columbus)	United States	33.11.11.251	Ohio	43218
	Columbus (East Columbus)	United States	33.106.45.234	Ohio	43218
	Columbus (East Columbus)	United States	33.103.39.101	Ohio	43218
AS2119 Telenor Norge AS	Oslo	Norway	31.45.45.170	Oslo County	0001
AS5384 Emirates Telecommunications Corporation	Dubai	United Arab Emirates	31.215.192.178	Dubai	
	Trondheim	Norway	31.172.227.232	Sor-Trondelag Fylke	7036
AS59475 Electron-Service Ltd.	Kiselëvsk	Russia	31.148.26.99	Kemerovo Oblast	652701
	Fort Collins	United States	30.88.31.106	Colorado	80525

	Lincoln	United States	30.83.55.24	Nebraska	68521
	Garden Grove	United States	30.63.220.210	California	92843
	Chino Hills	United States	30.47.99.74	California	91709
	Columbus (East Columbus)	United States	30.43.184.222	Ohio	43218
	Columbus (East Columbus)	United States	30.35.173.247	Ohio	43218
	Columbus (East Columbus)	United States	30.31.73.211	Ohio	43218
	Riverside	United States	30.254.57.110	California	92509
	Columbus (East Columbus)	United States	30.251.65.163	Ohio	43218
	Atlanta	United States	30.23.28.158	Georgia	30317
	Roseville	United States	30.226.136.222	California	95747
	Sacramento	United States	30.224.34.150	California	95825
	Columbus (East Columbus)	United States	30.223.110.161	Ohio	43218
	Los Angeles	United States	30.213.75.96	California	90009
	Columbus (East Columbus)	United States	30.200.242.81	Ohio	43218
	Charlotte	United States	30.162.107.235	North Carolina	28207
	North Hills	United States	30.158.251.94	California	91343
	Columbus (East Columbus)	United States	30.130.241.143	Ohio	43218
	Seattle	United States	3.96.233.87	Washington	98109
	Seattle	United States	3.6.187.182	Washington	98109
	Seattle	United States	3.49.97.57	Washington	98109
	Seattle	United States	3.49.197.240	Washington	98109
	Seattle	United States	3.45.36.38	Washington	98109
	Seattle	United States	3.38.28.185	Washington	98109
	Seattle	United States	3.3.56.181	Washington	98109
	Fairfield	United States	3.247.78.222	Connecticut	06828
	Fairfield	United States	3.246.53.20	Connecticut	06828
	Fairfield	United States	3.237.88.174	Connecticut	06828
	Fairfield	United States	3.228.175.162	Connecticut	06828
	Fairfield	United States	3.207.59.244	Connecticut	06828
	Fairfield	United States	3.207.173.98	Connecticut	06828
	Fairfield	United States	3.200.233.161	Connecticut	06828
	Fairfield	United States	3.193.16.122	Connecticut	06828
	Fairfield	United States	3.185.97.111	Connecticut	06828
	Fairfield	United States	3.173.27.204	Connecticut	06828
	Seattle	United States	3.17.15.116	Washington	98109
	Fairfield	United States	3.149.108.56	Connecticut	06828

	Fairfield	United States	3.139.50.68	Connecticut	06828
	Fairfield	United States	3.135.234.148	Connecticut	06828
	Fairfield	United States	3.134.6.169	Connecticut	06828
	Fairfield	United States	3.131.112.56	Connecticut	06828
	Seattle	United States	3.111.33.97	Washington	98109
	Seattle	United States	3.1.8.161	Washington	98109
	Lake Zurich	United States	29.93.223.143	Illinois	60047
	Phoenix	United States	29.72.178.245	Arizona	85033
	Columbus (East Columbus)	United States	29.64.33.155	Ohio	43218
	Glendale	United States	29.50.2.115	California	91205
	Lake Forest	United States	29.48.230.135	California	92630
	Manhattan	United States	29.40.231.104	Illinois	60442
	Columbus (East Columbus)	United States	29.33.79.100	Ohio	43218
	Columbus (East Columbus)	United States	29.25.155.51	Ohio	43218
	Columbus (East Columbus)	United States	29.248.34.146	Ohio	43218
	Columbus (East Columbus)	United States	29.234.2.217	Ohio	43218
	Vallejo	United States	29.218.82.9	California	94590
	Mukilteo	United States	29.210.176.39	Washington	98275
	Seaford	United States	29.203.20.232	New York	11783
	Ballwin	United States	29.15.193.7	Missouri	63021
	Columbus (East Columbus)	United States	29.145.195.73	Ohio	43218
	Columbus (East Columbus)	United States	29.131.65.45	Ohio	43218
	Irving	United States	29.120.55.42	Texas	75060
	Lyndhurst	United States	28.98.79.39	New Jersey	07071
	Parker	United States	28.85.254.100	Colorado	80134
	Fort Lupton	United States	28.85.1.4	Colorado	80621
	College Park	United States	28.81.215.186	Maryland	20742
	Alsip	United States	28.66.176.171	Illinois	60803
	Columbus (East Columbus)	United States	28.6.46.93	Ohio	43218
	Columbus (East Columbus)	United States	28.6.103.131	Ohio	43218
	Columbus (East Columbus)	United States	28.44.82.21	Ohio	43218
	Columbus (East Columbus)	United States	28.238.147.86	Ohio	43218
	Allen	United States	28.210.54.211	Texas	75013

	Katy	United States	28.191.6.175	Texas	77493
	Columbus (East Columbus)	United States	28.174.124.96	Ohio	43218
	Columbus (East Columbus)	United States	28.173.7.240	Ohio	43218
	Columbus (East Columbus)	United States	28.17.97.244	Ohio	43218
	Puyallup	United States	28.145.165.136	Washington	98373
	Chandler	United States	28.136.243.17	Arizona	85249
	Saint Cloud	United States	28.130.118.221	Florida	34771
	New York	United States	28.123.56.89	New York	10118
	Brooklyn	United States	28.122.107.188	New York	11207
	Columbus (East Columbus)	United States	28.121.102.4	Ohio	43218
	San Antonio	United States	28.102.168.89	Texas	78250
AS4837 CHINA UNICOM China169 Backbone	Jinan	China	27.206.57.13	Shandong	
AS4837 CHINA UNICOM China169 Backbone	Yantai	China	27.194.93.117	Shandong	
	Columbus (East Columbus)	United States	26.82.212.223	Ohio	43218
	Columbus (East Columbus)	United States	26.77.120.28	Ohio	43218
	Columbus (East Columbus)	United States	26.69.153.224	Ohio	43218
	Columbus (East Columbus)	United States	26.44.199.208	Ohio	43218
	Columbus (East Columbus)	United States	26.32.93.95	Ohio	43218
	La Puente	United States	26.24.1.121	California	91744
	Columbus (East Columbus)	United States	26.228.135.107	Ohio	43218
	Houston	United States	26.217.153.138	Texas	77016
	Columbus (East Columbus)	United States	26.21.164.178	Ohio	43218
	Tipton	United States	26.21.117.116	Missouri	65081
	Columbus (East Columbus)	United States	26.202.115.111	Ohio	43218
	Columbus (East Columbus)	United States	26.19.44.156	Ohio	43218
	Columbus (East Columbus)	United States	26.186.75.3	Ohio	43218
	Indianapolis	United States	26.138.2.165	Indiana	46219
	Columbus (East Columbus)	United States	26.130.0.237	Ohio	43218
	Columbus (East Columbus)	United States	26.126.231.35	Ohio	43218

	Woodstock	United Kingdom	25.69.230.142	England	OX20 1JU
	Woodstock	United Kingdom	25.61.195.233	England	OX20 1JU
	Woodstock	United Kingdom	25.45.143.249	England	OX20 1JU
	Woodstock	United Kingdom	25.29.188.158	England	OX20 1JU
	Woodstock	United Kingdom	25.28.102.86	England	OX20 1JU
	Woodstock	United Kingdom	25.243.204.106	England	OX20 1JU
	Woodstock	United Kingdom	25.22.59.62	England	OX20 1JU
	Woodstock	United Kingdom	25.206.84.222	England	OX20 1JU
	Woodstock	United Kingdom	25.201.221.31	England	OX20 1JU
	Woodstock	United Kingdom	25.181.42.52	England	OX20 1JU
	Woodstock	United Kingdom	25.180.190.175	England	OX20 1JU
	Woodstock	United Kingdom	25.180.14.127	England	OX20 1JU
	Woodstock	United Kingdom	25.175.103.42	England	OX20 1JU
	Woodstock	United Kingdom	25.165.85.231	England	OX20 1JU
	Woodstock	United Kingdom	25.165.145.195	England	OX20 1JU
	Woodstock	United Kingdom	25.163.19.251	England	OX20 1JU
	Woodstock	United Kingdom	25.142.154.36	England	OX20 1JU
	Woodstock	United Kingdom	25.126.30.86	England	OX20 1JU
	Woodstock	United Kingdom	25.114.76.25	England	OX20 1JU
	Woodstock	United Kingdom	25.104.209.132	England	OX20 1JU
	Woodstock	United Kingdom	25.103.53.188	England	OX20 1JU
	Woodstock	United Kingdom	25.101.106.171	England	OX20 1JU
AS7992 Cogeco Cable	Toronto	Canada	24.226.16.134	Ontario	
AS20115 Charter Communications	Fort Worth	United States	24.178.15.161	Texas	76112
AS11426 Time Warner Cable Internet LLC	Raleigh	United States	24.171.175.169	North Carolina	27607
AS11427 Time Warner Cable Internet LLC	Laredo	United States	24.170.85.31	Texas	78041
AS12271 Time Warner Cable Internet LLC	Woodstock	United States	24.161.64.47	New York	12498
	St. Petersburg	United States	23.87.194.149	Florida	33710
AS16625 Akamai Technologies, Inc.	Beverly Hills	United States	23.6.71.18	California	90210
AS40065 CNSERVERS LLC	Los Angeles	United States	23.225.178.60	California	90014
AS16625 Akamai Technologies, Inc.	Cambridge	United States	23.209.79.157	Massachusetts	02142
AS20940 Akamai International B.V.	Cambridge	United States	23.205.12.24	Massachusetts	02142
	Marina del Rey (330)	United States	23.188.223.117	California	90292
	Marina del Rey (330)	United States	23.175.175.86	California	90292
	Marina del Rey (330)	United States	23.136.105.140	California	90292

AS7018 AT&T; Services, Inc.	Richmond	United States	23.117.240.189	Texas	77406
	Bengaluru	India	223.232.95.48	Karnataka	560001
	Beijing	China	223.210.189.250	Beijing	
AS4134 No.31,Jin-rong Street	Haikou	China	223.199.45.156	Hainan	
	Seoul (World cup buk-ro)	Republic of Korea	223.169.224.230	Seoul	
AS45899 VNPT Corp	Ho Chi Minh City	Vietnam	222.253.153.115	Ho Chi Minh City	
AS3786 LG DACOM Corporation	Seoul	Republic of Korea	222.231.15.121	Seoul	
AS2519 ARTERIA Networks Corporation	Saitama	Japan	222.228.201.140	Saitama	330-0063
AS4837 CHINA UNICOM China169 Backbone	Jinzhou	China	221.202.43.110	Liaoning	
AS4837 CHINA UNICOM China169 Backbone	Beijing	China	221.195.138.170	Beijing	
	Beijing (Haidian Qu)	China	220.183.37.69	Beijing	
	Columbus (East Columbus)	United States	22.94.62.180	Ohio	43218
	Elsa	United States	22.74.167.126	Texas	78543
	Columbus (East Columbus)	United States	22.44.106.73	Ohio	43218
	Columbus (East Columbus)	United States	22.39.5.134	Ohio	43218
	Columbus (East Columbus)	United States	22.39.100.35	Ohio	43218
	Columbus (East Columbus)	United States	22.255.6.160	Ohio	43218
	Columbus (East Columbus)	United States	22.245.236.61	Ohio	43218
	Columbus (East Columbus)	United States	22.224.8.109	Ohio	43218
	Columbus (East Columbus)	United States	22.213.197.81	Ohio	43218
	Garden Grove	United States	22.21.131.227	California	92840
	Columbus (East Columbus)	United States	22.187.184.143	Ohio	43218
	Columbus (East Columbus)	United States	22.185.140.213	Ohio	43218
	Carpentersville	United States	22.143.171.185	Illinois	60110
	Columbus (East Columbus)	United States	22.133.44.16	Ohio	43218
	Columbus (East Columbus)	United States	22.131.189.205	Ohio	43218
	Columbus (East Columbus)	United States	22.123.254.197	Ohio	43218

	Columbus (East Columbus)	United States	22.117.218.71	Ohio	43218
AS17799 asn for Liaoning Provincial Net of CT	Shenyang	China	219.148.197.250	Liaoning	
AS4837 CHINA UNICOM China169 Backbone	Tianjin	China	218.69.212.120	Tianjin	
AS38661 purplestones	Seoul	Republic of Korea	218.36.10.248	Seoul	
	Beijing	China	218.246.147.189	Beijing	
AS9318 SK Broadband Co Ltd	Gyeongsan-si	Republic of Korea	218.238.216.206	Gyeongsangbuk-do	
AS4760 PCCW Limited	Central	Hong Kong	218.102.220.125	Central and Western District	
AS3320 Deutsche Telekom AG	Suhl	Germany	217.87.237.209	Thuringia	98529
AS51060 LandTech Sp. z.o.o.	Piastów	Poland	217.79.152.110	Mazovia	05-820
AS8301 Gibtelecom Ltd.	Gibraltar	Gibraltar	217.65.53.194		
AS3320 Deutsche Telekom AG	Wilhermsdorf	Germany	217.255.178.110	Bavaria	91452
AS3320 Deutsche Telekom AG	Regensburg	Germany	217.237.162.49	Bavaria	93051
AS16276 OVH SAS	Gravelines	France	217.182.210.74	Nord-Pas-de-Calais	59820
AS31662 connecta ag	Ilanz	Switzerland	217.151.117.37	Grisons	7130
AS46215 TerraNovaNet	Key Largo	United States	216.89.226.43	Florida	33037
AS33247 COASTAL TELCO SERVICES, INC.	Damariscotta	United States	216.21.203.149	Maine	04543
AS53264 Continuum Data Centers, LLC.	West Chicago	United States	216.107.151.209	Illinois	60185
	Columbus (East Columbus)	United States	215.247.218.34	Ohio	43218
	Columbus (East Columbus)	United States	215.234.216.41	Ohio	43218
	Columbus (East Columbus)	United States	215.233.123.31	Ohio	43218
	Columbus (East Columbus)	United States	215.226.252.62	Ohio	43218
	Columbus (East Columbus)	United States	215.210.7.180	Ohio	43218
	Columbus (East Columbus)	United States	215.210.58.27	Ohio	43218
	Columbus (East Columbus)	United States	215.176.180.184	Ohio	43218
	Columbus (East Columbus)	United States	215.173.88.245	Ohio	43218
	Columbus (East Columbus)	United States	215.147.26.142	Ohio	43218
	Paris	France	213.90.234.61	Île-de-France	75001

AS8586 TalkTalk	City of Westminster	United Kingdom	213.83.85.44	England	SW1
	Antalya	Turkey	213.43.40.190	Antalya	
AS8470 JSC Macomnet	Moscow	Russia	213.247.168.150	Moscow	102429
AS28785 Asseco Data Systems S.A.	Szczecin	Poland	213.222.201.60	West Pomerania	71-533
AS13280 Three Ireland (Hutchison) limited	Dublin (Citywest)	Ireland	213.191.252.224	Leinster	D24
AS22351 INTEL SAT GLOBAL SERVICE CORPORATION	Abuja	Nigeria	213.185.114.165	Federal Capital Territory	
AS12373 ENGITEL S.p.A.	Milan	Italy	212.56.170.49	Lombardy	20124
AS13768 Cogeco Peer 1	London	United Kingdom	212.53.86.128	England	SE1 1GA
AS20676 QSC AG	Cologne (Ossendorf)	Germany	212.202.223.114	North Rhine-Westphalia	50829
	York	United Kingdom	212.196.120.45	England	YO1
	Redditch	United Kingdom	212.148.188.216	England	B97 6EW
	Beijing	China	211.93.218.222	Beijing Shi	
AS4766 Korea Telecom	Ulchin	Republic of Korea	211.250.250.236	Gyeongsangbuk-do	
AS4766 Korea Telecom	Seoul	Republic of Korea	211.217.162.55	Seoul	
	Beijing	China	211.163.85.120	Beijing	
	Chiyoda (2)	Japan	210.173.102.69	Tokyo	100-0001
AS4713 NTT Communications Corporation	Tokyo	Japan	210.145.180.213	Tokyo	102-0082
	Beijing	China	210.13.135.13	Beijing Shi	
	Columbus (East Columbus)	United States	21.88.58.51	Ohio	43218
	Columbus (East Columbus)	United States	21.76.160.99	Ohio	43218
	Columbus (East Columbus)	United States	21.62.103.101	Ohio	43218
	Columbus (East Columbus)	United States	21.49.205.135	Ohio	43218
	Columbus (East Columbus)	United States	21.29.4.221	Ohio	43218
	Columbus (East Columbus)	United States	21.248.191.129	Ohio	43218
	Columbus (East Columbus)	United States	21.224.151.8	Ohio	43218
	Columbus (East Columbus)	United States	21.218.60.87	Ohio	43218
	Columbus (East Columbus)	United States	21.217.239.122	Ohio	43218
	Columbus (East Columbus)	United States	21.217.189.173	Ohio	43218

	Columbus (East Columbus)	United States	21.211.172.230	Ohio	43218
	Columbus (East Columbus)	United States	21.191.147.201	Ohio	43218
	Columbus (East Columbus)	United States	21.162.42.9	Ohio	43218
	Columbus (East Columbus)	United States	21.160.210.147	Ohio	43218
	Columbus (East Columbus)	United States	21.157.252.159	Ohio	43218
	Columbus (East Columbus)	United States	21.125.64.184	Ohio	43218
	Columbus (East Columbus)	United States	21.108.218.36	Ohio	43218
AS14992 Newtek Technology Solutions, Inc	New Hyde Park	United States	209.200.70.172	New York	11042
	Kettle Falls	United States	209.173.243.40	Washington	99141
AS14220 Zoom Broadband	Marshall	United States	208.94.209.52	Texas	75670
	Nashville	United States	207.45.152.252	Tennessee	37214
	New York	United States	207.110.120.134	New York	10022
AS2828 MCI Communications Services, Inc. d/b/a Verizon Business	Pacifica	United States	207.101.247.160	California	94044
	Wayne	United States	206.70.73.84	New Jersey	07470
	Newark	United States	206.46.154.164	New Jersey	07175
	Mansfield	United States	206.221.44.207	Massachusetts	02048
AS17225 AT&T; Enhanced Network Services	San Diego	United States	206.19.54.73	California	92121
	Lehi	United States	206.187.253.17	Utah	84043
AS2379 CENTURYLINK, INC.	Lady Lake	United States	206.128.238.121	Florida	32162
	Columbus (East Columbus)	United States	205.52.35.57	Ohio	43218
	Columbus (East Columbus)	United States	205.42.192.56	Ohio	43218
	Columbus (East Columbus)	United States	205.32.101.250	Ohio	43218
	Fremont	United States	205.214.151.173	California	94538
	Columbus (East Columbus)	United States	205.18.118.22	Ohio	43218
	Key West	United States	205.172.42.247	Florida	33040
	Virginia Beach	United States	205.112.206.11	Virginia	23459
	Parsippany	United States	204.63.83.61	New Jersey	07054
	Tampa	United States	204.61.104.171	Florida	33607
	Fort Lauderdale	United States	204.58.132.173	Florida	33323
	Washington	United States	204.227.234.145	District of Columbia	20036

	Baton Rouge	United States	204.196.247.209	Louisiana	70892
	Baton Rouge	United States	204.196.161.80	Louisiana	70813
	San Bruno	United States	204.15.82.121	California	94066
	Manassas	United States	204.122.50.70	Virginia	20112
	Dallas	United States	204.115.141.10	Texas	75243
	Washington	United States	204.108.0.69	District of Columbia	20591
	Hong Kong	Hong Kong	203.60.224.2	Central and Western	
	Mount Waverley	Australia	203.31.133.5	Victoria	3149
	Chiyoda (2)	Japan	203.181.146.176	Tokyo	100-0001
	Tokyo	Japan	203.163.10.226	Tokyo	102-0082
	Brisbane	Australia	203.0.206.216	Queensland	4000
	Central	Hong Kong	202.52.217.88	Central and Western District	
	Shirokane	Japan	202.42.123.6	Tokyo	108-0072
	Ahmedabad	India	202.41.133.125	Gujarat	125625
	Auckland	New Zealand	202.36.191.195	Auckland	1010
	Chiyoda	Japan	202.15.202.108	Tokyo	100-0001
	Juiz de Fora	Brazil	201.46.91.73	Minas Gerais	36000-000
AS27699 TELEFÔNICA BRASIL S.A	São Paulo	Brazil	201.27.218.10	Sao Paulo	01323
AS263228 PLANET S.A.	Asunción	Paraguay	201.217.17.39	Asuncion	
AS8048 CANTV Servicios, Venezuela	Valencia	Venezuela	201.211.124.189	Carabobo	
AS7738 Telemar Norte Leste S.A.	Sao Lourenco da Mata	Brazil	201.18.73.102	Pernambuco	54700
	Mexico City (El Pirú)	Mexico	201.160.3.242	Mexico City	01230
	San Luis Potosí City	Mexico	201.146.242.1	San Luis Potosí	78310
	Mexico City (Zapote I II y III)	Mexico	201.135.237.62	Mexico City	
	San Pedro Garza Garcia	Mexico	201.127.174.121	Nuevo León	66216
AS8151 Uninet S.A. de C.V.	Veracruz	Mexico	201.123.147.167	Veracruz	91709
AS8151 Uninet S.A. de C.V.	Xalapa	Mexico	201.108.216.159	Veracruz	91227
AS18747 IFX Corporation	Santiago	Chile	200.73.22.43	Santiago Metropolitan	
AS28624 CLAUDEMON SILVEIRA - ME	Arapiraca	Brazil	200.237.154.106	Alagoas	
	Rio de Janeiro (Saúde)	Brazil	200.197.173.84	Rio de Janeiro	20000-000
	Vila Real	Brazil	200.176.38.216	São Paulo	
	Newark	United States	20.84.70.247	New Jersey	07175
	Newark	United States	20.78.170.39	New Jersey	07175
	Newark	United States	20.76.140.108	New Jersey	07175
	Newark	United States	20.50.108.123	New Jersey	07175

	Newark	United States	20.48.247.23	New Jersey	07175
	Newark	United States	20.47.236.69	New Jersey	07175
	Newark	United States	20.46.213.134	New Jersey	07175
	Redmond	United States	20.3.91.65	Washington	98052
	Redmond	United States	20.27.153.53	Washington	98052
	Newark	United States	20.235.245.88	New Jersey	07175
	Newark	United States	20.223.81.23	New Jersey	07175
	Redmond	United States	20.17.73.148	Washington	98052
	Newark	United States	20.151.101.21	New Jersey	07175
	Las Vegas	United States	20.147.248.218	Nevada	89169
	Newark	United States	20.145.100.13	New Jersey	07175
	Newark	United States	20.116.100.181	New Jersey	07175
	Newark	United States	20.112.175.165	New Jersey	07175
AS5607 Sky UK Limited	Leeds	United Kingdom	2.216.23.115	England	LS12
AS3209 Vodafone GmbH	Recklinghausen	Germany	2.206.4.70	North Rhine-Westphalia	45657
AS5607 Sky UK Limited	Stroud	United Kingdom	2.127.96.44	England	GL5
AS5607 Sky UK Limited	Edmonton	United Kingdom	2.127.183.152	England	N18
AS5607 Sky UK Limited	Camberwell	United Kingdom	2.122.7.185	England	SE5
AS5607 Sky UK Limited	Cardiff	United Kingdom	2.122.224.122	Wales	CF14
AS5607 Sky UK Limited	Hove	United Kingdom	2.121.91.134	England	BN3
	Manhattan Beach	United States	199.248.113.91	California	90266
AS16940 Aspect Software, Inc.	Orlando	United States	199.230.60.160	Florida	32801
AS3593 Frontier Communications of America, Inc.	Lancaster	United States	199.224.92.156	Pennsylvania	17601
	Ashburn	United States	199.219.153.9	Virginia	20147
	Montvale	United States	199.207.98.83	New Jersey	07645
	Van Nuys	United States	199.201.189.166	California	91406
	Indianapolis (Mile Square)	United States	199.191.205.167	Indiana	46204
	Vancouver	Canada	199.175.151.235	British Columbia	V7Y
	Reston	United States	199.16.82.212	Virginia	20190
	Columbus (East Columbus)	United States	199.122.135.139	Ohio	43218
	Columbus (East Columbus)	United States	199.10.98.85	Ohio	43218
AS26496 GoDaddy.com, LLC	Scottsdale	United States	198.71.185.61	Arizona	85260
AS209 Qwest Communications Company, LLC	Cocoa Beach	United States	198.47.68.167	Florida	32925
	Winthrop	United States	198.206.139.76	Massachusetts	02152
	Richardson	United States	198.191.223.115	Texas	75082

	Richardson	United States	198.156.135.59	Texas	75082
AS23889 MauritiusTelecom	Floreal	Mauritius	197.226.84.243	Plaines Wilhems District	
	Cairo	Egypt	197.223.111.19	Muhafazat al Qahirah	
	Addis Ababa	Ethiopia	197.154.27.146	Adis Abeba Astedader	
AS36891 Sarl Icosnet	Boumerdas	Algeria	197.143.224.62	Boumerdes	35046
	Rabat	Morocco	196.94.70.12	Region de Rabat-Sale-Zemmour-Zaer	
	Victoria	Seychelles	196.48.92.91	English River	
	Centurion	South Africa	196.45.246.50	Gauteng	0046
	Chicago	United States	196.247.68.187	Illinois	60616
	Madrid	Spain	196.244.150.217	Madrid	28001
	Victoria	Seychelles	196.199.79.177	English River	
	Sandton (Rivonia)	South Africa	196.13.41.199	Gauteng	2128
AS6067 ONYX Onyx Group	Stockton-on-Tees	United Kingdom	195.97.206.238	England	TS18 2AD
AS6717 Internet Central Limited	Northwich	United Kingdom	195.62.222.153	England	CW9
	Moscow	Russia	195.5.127.159	Moscow	
	Osnabrück	Germany	195.248.157.28	Lower Saxony	49084
AS2852 CESNET z.s.p.o.	Brno	Czechia	195.178.72.32	South Moravian	614 00
	Rozzano	Italy	195.135.31.3	Lombardy	20089
AS3269 Telecom Italia	Rome	Italy	195.120.38.142	Latium	00181
	London	United Kingdom	194.193.143.249	England	SE1 0TA
	Lotte (Büren)	Germany	194.180.43.164	North Rhine-Westphalia	33142
AS5413 Daisy Communications Ltd	Richmond	United Kingdom	194.153.17.236	England	TW9
AS1759 Telia Finland Oyj	Helsinki	Finland	194.142.175.249	Uusimaa	00980
AS786 Jisc Services Limited	Cambridge	United Kingdom	193.60.93.207	England	CB2
	Bärnau (Naab)	Germany	193.29.106.213	Bavaria	95671
	Roubaix	France	193.249.123.235	Nord-Pas-de-Calais	59100
AS30836 23VNet Kft.	Budapest	Hungary	193.188.140.110	Budapest	1022
AS1930 Fundacao para a Ciencia e a Tecnologia, I.P.	Lisbon	Portugal	193.137.221.221	Lisbon	
	London	United Kingdom	193.118.63.192	England	SE1 0TA
AS29129 Vispa Limited	Auchterarder	United Kingdom	193.109.51.131	Scotland	PH3
	Winnetka	United States	192.97.150.228	Illinois	60093
	Arlington	United States	192.94.218.94	Virginia	22204
	Farsta	Sweden	192.36.252.92	Stockholm	123 86
AS51747 InternetBolaget Sweden AB	Paris	France	192.36.178.220	Île-de-France	75003
	Ashburn	United States	192.201.183.40	Virginia	20147
AS394157 Roseburg	Eugene	United States	192.172.240.35	Oregon	97403

	Paris	France	192.166.153.151	Île-de-France	75000
	Milpitas	United States	192.146.90.224	California	95035
AS265795 COOPERATIVA TELEFONICA Y DE OBRAS Y SERVICIOS PUBLICOS Y SOCIALES SALSIPUEDES LIMITADA	Córdoba	Argentina	192.141.209.253	Cordoba	5000
	Obera	Argentina	192.141.176.12	Misiones	3360
	Winnetka	United States	192.123.53.123	Illinois	60093
	London	United Kingdom	192.112.98.65	England	EC2V
	Huntsville	United States	192.112.236.224	Alabama	35812
	Chicago	United States	192.104.85.1	Illinois	60606
AS11081 United Telecommunication Services (UTS)	Willemstad	Curaçao	190.88.209.86		
AS8048 CANTV Servicios, Venezuela	Caracas	Venezuela	190.77.145.21	Capital	
AS10481 Prima S.A.	Lanus	Argentina	190.191.222.119	Buenos Aires	1824
AS10620 Telmex Colombia S.A.	Medellín	Colombia	190.157.208.239	Antioquia	050001
	Dearborn	United States	19.92.32.3	Michigan	48121
	Dearborn	United States	19.8.50.228	Michigan	48121
	Dearborn	United States	19.66.144.25	Michigan	48121
	Dearborn	United States	19.57.58.53	Michigan	48121
	Dearborn	United States	19.47.150.106	Michigan	48121
	Dearborn	United States	19.39.226.232	Michigan	48121
	Dearborn	United States	19.247.114.214	Michigan	48121
	Dearborn	United States	19.232.37.206	Michigan	48121
	Dearborn	United States	19.215.218.34	Michigan	48121
	Dearborn	United States	19.211.20.36	Michigan	48121
	Dearborn	United States	19.204.182.248	Michigan	48121
	Dearborn	United States	19.199.147.95	Michigan	48121
	Dearborn	United States	19.182.9.80	Michigan	48121
	Dearborn	United States	19.181.249.48	Michigan	48121
	Dearborn	United States	19.177.118.76	Michigan	48121
	Dearborn	United States	19.174.251.162	Michigan	48121
	Dearborn	United States	19.117.136.224	Michigan	48121
	Dearborn	United States	19.110.180.38	Michigan	48121
AS8151 Uninet S.A. de C.V.	Tampico	Mexico	189.245.70.22	Tamaulipas	89137
AS6503 Axtel, S.A.B. de C.V.	Monterrey	Mexico	189.210.96.116	Nuevo León	64723

AS6503 Axtel, S.A.B. de C.V.	Zapopan	Mexico	189.205.74.119	Jalisco	45136
AS8151 Uninet S.A. de C.V.	Mazatlán	Mexico	189.173.231.214	Sinaloa	82020
AS8151 Uninet S.A. de C.V.	San Nicolás de los Garza	Mexico	189.153.179.239	Nuevo León	65516
AS8151 Uninet S.A. de C.V.	Acapulco de Juárez	Mexico	189.143.194.213	Guerrero	39530
AS8151 Uninet S.A. de C.V.	Cuatitlán Izcalli	Mexico	189.139.187.203	Estado de Mexico	53348
AS49426 LInTeCS ltd (Laboratory of Information Technologies and Computer Systems)	Semrino	Russia	188.94.167.37	Leningradskaya Oblast'	188345
AS3303 Swisscom (Switzerland) Ltd	Basel	Switzerland	188.61.114.6	Basel-City	4053
AS28964 Orion Telekom Tim d.o.o.Beograd	Belgrade	Serbia	188.255.206.126	Belgrade	
AS41749 General System Srl	Dorohoi	Romania	188.241.188.58	Judetul Botosani	715200
AS39435 JSC ER-Telecom Holding	Volgograd	Russia	188.233.109.220	Volgograd Oblast	340043
AS5607 Sky UK Limited	Leeds	United Kingdom	188.223.26.207	England	LS12
AS5607 Sky UK Limited	Leeds	United Kingdom	188.222.236.169	England	LS12
AS8447 A1 Telekom Austria AG	Vienna	Austria	188.22.179.5	Vienna	1040
AS3292 Tele Danmark	Stege	Denmark	188.182.185.55	Zealand	4780
AS3292 Tele Danmark	Odder	Denmark	188.180.163.85	Central Jutland	8300
AS8767 M-net Telekommunikations GmbH	Munich	Germany	188.174.12.190	Bavaria	80539
AS48161 Nextgen Communications Srl	Mangalia	Romania	188.173.173.103	Constanta	905500
	Stockholm	Sweden	188.151.251.25	Stockholm	121 88
AS15747 EWE-Tel GmbH	Osnabrück	Germany	188.118.130.182	Lower Saxony	49082
AS8257 Slovanet a.s.	Bratislava (Bratislavský)	Slovak Republic	188.112.85.211	Bratislavský	821 08
AS7738 Telemar Norte Leste S.A.	Fortaleza	Brazil	187.79.36.240	Ceara	
AS8151 Uninet S.A. de C.V.	Aguascalientes	Mexico	187.232.179.191	Aguascalientes	20089
	Mexico City (Manantial Peña Pobre)	Mexico	187.201.251.172	Mexico City	
AS8151 Uninet S.A. de C.V.	Irapuato	Mexico	187.193.37.43	Guanajuato	36585
AS28126 BRISANET SERVICOS DE TELECOMUNICACOES LTDA	Piquet Carneiro	Brazil	187.19.200.66	Ceara	63605

AS6503 Axtel, S.A.B. de C.V.	Mexico City	Mexico	187.163.83.228	Mexico City	52760
AS8151 Uninet S.A. de C.V.	Zacatlan	Mexico	187.159.146.13	Puebla	73310
AS8151 Uninet S.A. de C.V.	Villahermosa	Mexico	187.154.194.102	Tabasco	86000
AS8151 Uninet S.A. de C.V.	Guadalajara	Mexico	187.144.247.194	Jalisco	44180
AS8151 Uninet S.A. de C.V.	Cortazar	Mexico	187.140.30.54	Guanajuato	38496
	Mexico City (Zapote I II y III)	Mexico	187.128.225.92	Mexico City	
AS7738 Telemar Norte Leste S.A.	Salvador	Brazil	187.127.178.182	Bahia	40000
AS10620 Telmex Colombia S.A.	Bogotá	Colombia	186.84.221.111	Bogota D.C.	111311
AS14522 Satnet	Guayaquil	Ecuador	186.70.248.15	Provincia del Guayas	
AS27668 ETAPA EP	Cuenca	Ecuador	186.43.130.243	Provincia del Azuay	
AS22927 Telefonica de Argentina	Mar del Plata	Argentina	186.39.205.134	Buenos Aires	7600
AS262793 DOURACOM-SERVIÇOS E COMUNICAÇÃO LTDA	Jardim	Brazil	186.233.210.194	Mato Grosso do Sul	79240
AS18881 TELEFÔNICA BRASIL S.A	Brasília	Brazil	186.215.69.70	Federal District	
	Bogotá (Teusaquillo)	Colombia	186.168.171.141	Bogota D.C.	111321
AS3816 COLOMBIA TELECOMUNICACIONES S.A. ESP	Bogotá (Teusaquillo)	Colombia	186.115.238.143	Bogota D.C.	111321
	Ibague	Colombia	186.114.254.28	Departamento de Tolima	730001
AS201595 mono solutions ApS	Copenhagen	Denmark	185.58.213.134	Capital Region	2200
AS25394 MK Netzdienste GmbH & Co. KG	Oerlenbach	Germany	185.51.85.67	Bavaria	97714
	Derby	United Kingdom	185.26.94.162	England	DE3
	Moscow	Russia	185.232.62.229	Moscow	
	Newark	United States	185.220.82.201	New Jersey	07175
AS204053 ADESTIS GmbH	Nuremberg (Nordwestliche Außenstadt)	Germany	185.203.95.90	Bavaria	90409
AS206066 Teledom LLC	Moscow	Russia	185.197.32.200	Moscow	143040
AS24800 BornFiber Service Provider ApS	Taastrup	Denmark	185.109.64.50	Capital Region	2630
AS6939 Hurricane Electric LLC	Fremont	United States	185.101.97.217	California	94539
AS198171 HOSTING90 systems s.r.o.	Prague	Czech Republic	185.100.94.126	Hlavni mesto Praha	
AS4282 Savvis	Cape Coral	United States	184.7.154.128	Florida	33990

AS4181 TDS TELECOM	Mount Juliet	United States	184.60.141.254	Tennessee	37122
AS17974 PT Telekomunikasi Indonesia	Cambridge	United States	184.30.165.212	Massachusetts	02142
	Newark	United States	184.237.60.219	New Jersey	07175
	Newark	United States	184.234.226.101	New Jersey	07175
	Atlanta	United States	184.210.188.228	Georgia	30302
	Washington D.C.	United States	184.199.25.162	District of Columbia	20068
AS209 Qwest Communications Company, LLC	La Crosse	United States	184.158.36.175	Wisconsin	54601
AS5650 Frontier Communications of America, Inc.	Charleston	United States	184.11.136.21	West Virginia	25309
	Hyderabad	India	183.83.134.107	Telangana	500028
AS56040 China Mobile communications corporation	Shenzhen	China	183.233.240.133	Guangdong	
AS4766 Korea Telecom	Geochang-gun (Geochang-eup)	Republic of Korea	183.127.91.18	Gyeongsangnam-do	
AS4766 Korea Telecom	Seongnam-si (Buljeong-ro)	Republic of Korea	183.123.229.243	Gyeonggi-do	13606
AS4134 No.31,Jin-rong Street	Nanchang	China	182.96.201.218	Jiangxi	
	Hebei	China	182.51.229.13	Hebei	
AS4837 CHINA UNICOM China169 Backbone	Zhengzhou	China	182.119.209.208	Henan	
AS4837 CHINA UNICOM China169 Backbone	Zhengzhou	China	182.112.57.118	Henan	
	Buenos Aires (Palermo)	Argentina	181.98.127.146	Buenos Aires F.D.	
	Buenos Aires (Palermo)	Argentina	181.84.10.38	Buenos Aires F.D.	
	Caracas	Venezuela	181.180.73.181	Capital	
	Buenos Aires (Palermo)	Argentina	181.12.5.158	Buenos Aires F.D.	
	Chascomus	Argentina	181.10.8.228	Buenos Aires	7130
AS9316 DACOM-PUBNETPLUS	Seoul (Hangang-daero)	Republic of Korea	180.80.190.144	Seoul	
AS7713 PT Telekomunikasi Indonesia	Surabaya	Indonesia	180.251.109.200	East Java	
	Pasig (Ortigas Center)	Philippines	180.195.204.125	Metro Manila	
	Makati City	Philippines	180.195.182.6	Metro Manila	1214
AS4812 China Telecom (Group)	Shanghai	China	180.168.110.61	Shanghai	
	Beverly Hills	United States	18.240.138.100	California	90210
AS3 Massachusetts Institute of Technology	Boston (Mit)	United States	18.181.242.161	Massachusetts	02199
	Boston (Mit)	United States	18.180.212.17	Massachusetts	02199
	Boston (Mit)	United States	18.176.166.194	Massachusetts	02199

AS3 Massachusetts Institute of Technology	Boston (Mit)	United States	18.172.149.192	Massachusetts	02199
	Seattle (South Lake Union)	United States	18.164.12.103	Washington	98141
	Cambridge	United States	18.129.112.116	Massachusetts	02139
AS22927 Telefonica de Argentina	Isidro Casanova	Argentina	179.36.192.221	Buenos Aires	1765
AS26615 Tim Celular S.A.	São Paulo	Brazil	179.35.175.61	Sao Paulo	01323
	Rio de Janeiro	Brazil	179.188.221.96	Rio de Janeiro	20000-000
	Leme (Jardim Colônia Claudia)	Brazil	179.162.232.188	São Paulo	13610-000
AS28573 CLARO S.A.	Rio de Janeiro	Brazil	179.158.130.73	Rio de Janeiro	
AS22822 Limelight Networks, Inc.	Frankfurt am Main	Germany	178.79.242.174	Hesse	60313
AS8997 Rostelecom	St Petersburg	Russia	178.70.91.223	St.-Petersburg	190890
AS12389 Rostelecom	Vologda	Russia	178.69.136.9	Vologodskaya Oblast'	160032
AS6830 Liberty Global Operations B.V.	Gyongyos	Hungary	178.48.122.162	Heves megye	3200
AS9125 Drustvo za telekomunikacije Orion telekom doo Beograd, Gandijeva 76a	Debeljaca	Serbia	178.253.234.164	Vojvodina	
AS44651 Kalasznet Kabel TV Kft	Budapest	Hungary	178.21.49.134	Budapest	1012
AS3209 Vodafone GmbH	Munich	Germany	178.2.18.238	Bavaria	80539
AS3303 Swisscom (Switzerland) Ltd	Koblenz	Switzerland	178.196.64.46	Aargau	5322
AS3303 Swisscom (Switzerland) Ltd	Zurich	Switzerland	178.195.237.18	Zurich	8037
AS43205 Bulsatcom EAD	Asenovgrad	Bulgaria	178.169.240.46	Plovdiv	4230
AS3209 Vodafone GmbH	Frankfurt am Main	Germany	178.15.121.191	Hesse	60313
	Rio de Janeiro	Brazil	177.52.141.141	Rio de Janeiro	
AS28481 SERVICIO Y EQUIPO EN TELEFONÍA INTERNET Y TV S.A. DE C.V.	San José del Cabo	Mexico	177.242.91.54	Baja California Sur	23429
AS26599 TELEFÔNICA BRASIL S.A	Rio de Janeiro	Brazil	177.197.156.147	Rio de Janeiro	
AS26599 TELEFÔNICA BRASIL S.A	Belo Horizonte	Brazil	177.172.55.22	Minas Gerais	
AS3209 Vodafone GmbH	Potsdam	Germany	176.94.227.200	Brandenburg	14476
	Ankara	Turkey	176.91.174.61	Ankara	00006
AS5607 Sky UK Limited	Rotherham	United Kingdom	176.25.212.197	England	S65
AS8386 Vodafone Net İletişim Hizmetleri Anonim Şirketi	Istanbul	Turkey	176.217.176.138	Istanbul	34134

AS8386 Vodafone Net İletişim Hizmetleri Anonim Sirketi	Malatya	Turkey	176.217.160.49	Malatya	00044
AS8386 Vodafone Net İletişim Hizmetleri Anonim Sirketi	Istanbul	Turkey	176.216.122.54	Istanbul	34134
AS50060 Annet Ltd.	Tver	Russia	176.114.209.12	Tver' Oblast	170966
AS4134 No.31,Jin-rong Street	Huaihua	China	175.3.206.51	Hunan	
AS4766 Korea Telecom	Jinju	Republic of Korea	175.203.234.88	Gyeongsangnam-do	
AS4766 Korea Telecom	Seoul	Republic of Korea	175.194.53.251	Seoul	
AS9318 SK Broadband Co Ltd	Seoul	Republic of Korea	175.119.6.246	Seoul	
AS7922 Comcast Cable Communications, LLC	Farmington	United States	174.56.35.78	New Mexico	87401
AS7029 Windstream Communications LLC	Lexington	United States	174.131.32.53	South Carolina	29072
AS11426 Time Warner Cable Internet LLC	Chapin	United States	174.107.121.99	South Carolina	29036
AS10796 Time Warner Cable Internet LLC	Canton	United States	174.104.25.54	Ohio	44705
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Monroeville	United States	173.71.171.200	Pennsylvania	15146
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	New York	United States	173.68.56.152	New York	10018
	Newark	United States	173.42.246.153	New Jersey	07175
AS30036 Mediacom Communications Corp	Valdosta	United States	173.31.241.57	Georgia	31602
AS15321 Groupe Maskatel	Saint-Hyacinthe	Canada	173.237.245.207	Quebec	J2S
AS11427 Time Warner Cable Internet LLC	Woodway	United States	173.175.40.51	Texas	76712
	Newark	United States	173.158.101.25	New Jersey	07175
AS7922 Comcast Cable Communications, LLC	Levittown	United States	173.15.168.242	Pennsylvania	19058
AS20001 Time Warner Cable Internet LLC	Oxnard	United States	172.251.120.103	California	93030
AS20001 Time Warner Cable Internet LLC	Marina del Rey	United States	172.113.242.202	California	90292
AS40676 Psychz Networks	Walnut	United States	172.106.152.69	California	91789
AS40676 Psychz Networks	Walnut	United States	172.106.115.146	California	91789
	San Francisco	United States	171.72.191.193	California	94104
	Concord	United States	171.203.134.52	California	94520
	Concord	United States	171.180.229.41	California	94520
	Concord	United States	171.179.244.138	California	94520

	Concord	United States	171.175.197.219	California	94520
	Concord	United States	171.152.6.92	California	94520
	Concord	United States	171.146.58.186	California	94520
	Concord	United States	171.144.191.9	California	94520
	Concord	United States	171.140.207.152	California	94520
	Concord	United States	171.133.204.208	California	94520
	St Louis	United States	170.73.237.190	Missouri	63102
	Johnston	United States	170.54.232.85	Iowa	50131
	Durham	United States	170.227.39.204	North Carolina	27709
	San Diego	United States	170.213.62.53	California	92101
	Philadelphia	United States	170.212.5.212	Pennsylvania	19131
	Washington	United States	170.209.143.105	District of Columbia	20551
	Washington	United States	170.209.119.71	District of Columbia	20551
	Austin	United States	170.193.36.205	Texas	78773
	Bellevue	United States	170.192.75.245	Washington	98004
	Rancho Cordova	United States	170.156.131.119	California	95741
	Latham	United States	170.114.241.213	New York	12110
	Morristown	United States	170.113.88.24	New Jersey	07962
	Morristown	United States	170.113.105.215	New Jersey	07962
AS7018 AT&T; Services, Inc.	Washington	United States	170.109.222.213	District of Columbia	20049
	New York	United States	169.84.33.73	New York	10271
	New York	United States	169.73.23.143	New York	10271
	New York	United States	169.73.121.110	New York	10271
	New York	United States	169.65.246.70	New York	10271
	Zurich	Switzerland	169.42.211.208	Zurich	8001
	Zurich	Switzerland	169.37.84.165	Zurich	8001
	Zurich	Switzerland	169.34.147.182	Zurich	8001
	Zurich	Switzerland	169.33.127.27	Zurich	8001
	Fairfax	United States	169.251.231.199	Virginia	22030
	Fairfax	United States	169.251.219.212	Virginia	22030
	Fairfax	United States	169.247.31.72	Virginia	22030
	Seongnam-si (Buljeong-ro)	Republic of Korea	169.219.124.81	Gyeonggi-do	13606
	Seongnam-si (Buljeong-ro)	Republic of Korea	169.210.183.7	Gyeonggi-do	13606
	Reston	United States	169.165.235.104	Virginia	20190
	Reston	United States	169.162.30.23	Virginia	20190
	Chelmsford	United States	169.136.132.121	Massachusetts	01824
	Richmond	United States	169.134.70.65	Virginia	23219
	New York	United States	169.122.188.178	New York	10271
	New York	United States	169.107.48.147	New York	10271

	New York	United States	169.102.115.244	New York	10271
	Hopkins	United States	168.97.16.251	Minnesota	55305
AS11377 SendGrid, Inc.	Denver	United States	168.245.0.221	Colorado	80202
	Allentown	United States	168.222.13.223	Pennsylvania	18195
	New York	United States	168.108.157.210	New York	10017
AS209 Qwest Communications Company, LLC	Denver	United States	168.103.84.230	Colorado	80220
	New York	United States	167.85.78.47	New York	10271
	Greensboro	United States	167.64.164.66	North Carolina	27408
	Ottawa	Canada	167.52.77.64	Ontario	K1G
	Ottawa	Canada	167.51.67.205	Ontario	K1G
	Ottawa	Canada	167.51.127.93	Ontario	K1G
	Ottawa	Canada	167.45.113.89	Ontario	K1G
	Ottawa	Canada	167.36.19.74	Ontario	K1G
	Ottawa	Canada	167.35.203.201	Ontario	K1G
	Troy	United States	167.246.76.174	Michigan	48084
	Dallas	United States	167.241.199.99	Texas	75261
	Walnut Creek	United States	167.223.222.41	California	94598
	Haysville	United States	167.186.215.60	Kansas	67060
	Raleigh	United States	167.180.232.108	North Carolina	27605
	Auckland	New Zealand	167.179.224.172	Auckland	1010
	New York	United States	167.167.208.58	New York	10019
	Dallas	United States	167.158.154.252	Texas	75240
	Atlanta	United States	167.148.67.171	Georgia	30303
	Atlanta	United States	167.148.200.12	Georgia	30303
	Austin	United States	167.137.102.222	Texas	78751
	Miami	United States	167.118.112.251	Florida	33126
AS16276 OVH SAS	Montreal	Canada	167.114.207.201	Quebec	H3A
	Denver	United States	166.24.9.64	Colorado	80221
	Newark	United States	166.214.112.186	New Jersey	07175
	Bulverde	United States	166.105.57.235	Texas	78163
	Tulsa	United States	166.105.243.56	Oklahoma	74121
	Managua	Nicaragua	165.98.76.84	Departamento de Managua	
	Holmdel	United States	165.238.29.123	New Jersey	07733
	Munich (Ramersdorf-Perlach)	Germany	165.218.199.91	Bavaria	81669
	Johannesburg	South Africa	165.180.106.107	Gauteng	2000
	Eindhoven (Beemden)	Netherlands	165.114.232.150	North Brabant	5656
	Santiago	Chile	164.96.235.127	Santiago Metropolitan	
	Kingsport	United States	164.89.179.31	Tennessee	37662
	Warren Township	United States	164.44.15.172	New Jersey	07059

	Bielefeld (Mitte)	Germany	164.27.173.237	North Rhine-Westphalia	33602
	Columbus (East Columbus)	United States	164.244.61.74	Ohio	43218
	Columbus (East Columbus)	United States	164.244.173.210	Ohio	43218
	Columbus (East Columbus)	United States	164.242.168.35	Ohio	43218
	Columbus (East Columbus)	United States	164.240.168.57	Ohio	43218
	Columbus (East Columbus)	United States	164.239.70.50	Ohio	43218
	Columbus (East Columbus)	United States	164.234.255.124	Ohio	43218
	Columbus (East Columbus)	United States	164.228.230.149	Ohio	43218
	Columbus (East Columbus)	United States	164.213.231.43	Ohio	43218
	Montgomery	United States	164.211.201.63	Alabama	36114
	Bielefeld (Mitte)	Germany	164.21.211.236	North Rhine-Westphalia	33602
	Virginia Beach	United States	164.201.85.192	Virginia	23459
	Virginia Beach	United States	164.201.67.15	Virginia	23459
AS265952 Projemar Telecomunicações Ltda.	Raposos	Brazil	164.163.18.44	Minas Gerais	34400
	Henderson	United States	164.144.134.189	Nevada	89052
	Rennes	France	163.91.152.67	Brittany	35000
	Santiago	Chile	163.250.68.57	Santiago Metropolitan	
	Harrisburg	United States	163.241.121.100	Pennsylvania	17112
	Pittsburgh	United States	163.190.235.206	Pennsylvania	15219
	Gumligen	Switzerland	163.168.166.160	Bern	3073
	Chiyoda (2)	Japan	163.146.35.193	Tokyo	100-0001
	Brisbane	Australia	163.127.82.105	Queensland	4000
	Greencastle	United States	163.120.206.159	Indiana	46135
	Southgate	United States	162.9.136.179	Michigan	48195
	Toronto	Canada	162.85.180.103	Ontario	M4W
	Morrisville	United States	162.81.172.209	North Carolina	27560
	Stamford	United States	162.63.44.105	Connecticut	06901
	Atlanta	United States	162.54.12.175	Georgia	30339
	Collegeville	United States	162.44.67.117	Pennsylvania	19426
	Columbus (East Columbus)	United States	162.32.5.20	Ohio	43218
	Dallas	United States	162.248.103.54	Texas	75270
AS14061 DigitalOcean, LLC	New York	United States	162.243.61.181	New York	10011
	Deerfield	United States	162.117.193.2	Illinois	60015

	Harrisburg	United States	162.109.107.4	Pennsylvania	17112
	Munich (Ramersdorf-Perlach)	Germany	161.218.224.50	Bavaria	81669
	New York	United States	161.192.4.134	New York	10271
	Arlington Heights	United States	161.113.57.175	Illinois	60004
	Lynchburg	United States	160.84.202.160	Virginia	24501
	Landshut	Germany	160.48.143.105	Bavaria	84032
	Brisbane	Australia	160.19.57.56	Queensland	4000
	Brisbane	Australia	160.19.186.200	Queensland	4000
	Utsunomiya (19)	Japan	160.188.18.207	Tochigi	
	Palo Alto	United States	160.101.97.173	California	94304
	Cardiff Bay	United Kingdom	159.86.246.217	Wales	
	Chiyoda (2)	Japan	159.80.113.212	Tokyo	100-0001
	Västerås	Sweden	159.7.190.181	Västmanland	720 03
AS42881 BADGER BV	The Hague	Netherlands	159.60.104.97	South Holland	2518
	Stamford	United States	159.44.140.121	Connecticut	06902
	Burnaby	Canada	159.32.58.168	British Columbia	V5H
	Virginia Beach	United States	159.26.210.169	Virginia	23463
	Aylesbury	United Kingdom	159.254.102.197	England	HP20
	Charlotte	United States	159.229.79.116	North Carolina	28211
	Minneapolis	United States	159.202.35.64	Minnesota	55474
	Minneapolis	United States	159.202.152.62	Minnesota	55474
	Orange Park	United States	159.184.4.26	Florida	32003
	Nashville	United States	159.132.225.100	Tennessee	37217
	Tampa	United States	159.113.94.155	Florida	33607
	Leeds	United Kingdom	159.101.30.85	England	LS7 1RF
	Houston	United States	158.81.245.112	Texas	77002
	Dublin	United States	158.78.223.247	California	94568
	Dublin	United States	158.78.199.126	California	94568
AS16276 OVH SAS	Montreal	Canada	158.69.1.41	Quebec	H3G
	North Olmsted	United States	158.62.124.136	Ohio	44070
	Irving	United States	158.30.70.27	Texas	75039
	Denver	United States	158.187.0.94	Colorado	80221
	Bartlesville	United States	158.139.113.145	Oklahoma	74004
	Brisbane	Australia	157.81.93.46	Queensland	4000
	Reston	United States	157.251.143.75	Virginia	20190
	Bristol	United Kingdom	157.236.98.1	England	BS1
	Noisy-le-Grand	France	157.23.17.149	Île-de-France	
	Pleasanton	United States	157.183.110.230	California	94588
	Fuji	Japan	157.120.95.115	Shizuoka	416-0915
	Kawasaki	Japan	157.116.171.253	Kanagawa	210-0835

	Milwaukee	United States	156.55.9.155	Wisconsin	53216
AS134548 DXTL Tseung Kwan O Service	Hong Kong	Hong Kong	156.237.213.116	Central and Western	
AS134548 DXTL Tseung Kwan O Service	Los Angeles	United States	156.232.147.18	California	90009
	Wellington	New Zealand	156.149.193.72	Wellington	6149
	Santa Rosa	United States	156.141.135.67	California	95403
	Wellington	New Zealand	156.13.44.131	Wellington	6149
	Washington	United States	156.128.183.45	District of Columbia	20544
	Houston	United States	156.102.205.13	Texas	77002
	Durham	United States	155.51.30.217	North Carolina	27709
	Stamford	United States	155.46.103.157	Connecticut	06902
AS327814 Ecoband	Bedfordview	South Africa	155.235.163.247	Gauteng	2007
	Columbus (East Columbus)	United States	155.220.80.182	Ohio	43218
AS786 Jisc Services Limited	London	United Kingdom	155.198.19.26	England	EC2V
	Ebene CyberCity	Mauritius	154.71.220.49	Plaines Wilhems District	
AS199349 Neolane S.A.	Ivry-sur-Seine	France	154.44.182.201	Île-de-France	94200
	Washington D.C. (Northwest Washington)	United States	154.23.82.103	District of Columbia	20037
	Columbus (East Columbus)	United States	153.30.144.142	Ohio	43218
	Bremen (Häfen)	Germany	153.17.157.76	Bremen	28195
	Meyrin	Switzerland	153.108.249.80	Geneva	1217
	Chattanooga	United States	152.86.222.100	Tennessee	37402
	Columbus (East Columbus)	United States	152.82.103.115	Ohio	43218
	Redwood City	United States	152.70.139.18	California	94065
	Durham	United States	152.55.26.252	North Carolina	27709
	Washington	United States	152.224.172.98	District of Columbia	20224
	Brisbane	Australia	152.153.89.150	Queensland	4000
	Beverly Hills	United States	152.144.135.214	California	90210
	Washington D.C. (Downtown)	United States	152.129.83.237	District of Columbia	20420
	Washington D.C. (Downtown)	United States	152.128.101.54	District of Columbia	20420
AS60397 Sat Tv Plus Slu	Torre Vieja	Spain	151.237.133.156	Valencia	03183
AS5607 Sky UK Limited	Wilmslow	United Kingdom	151.230.115.231	England	SK9
AS5607 Sky UK Limited	Swindon	United Kingdom	151.228.220.224	England	SN3
AS5607 Sky UK Limited	Yarm	United Kingdom	151.227.251.70	England	TS15
	Alexandria	United States	151.207.122.49	Virginia	22314

	The Hague (Scheveningen)	Netherlands	151.184.187.38	South Holland	2597
	Valdez	United States	151.169.220.200	Alaska	99686
	Columbus (East Columbus)	United States	151.125.57.141	Ohio	43218
	Chiyoda (2)	Japan	150.88.110.10	Tokyo	100-0001
	Chiyoda (2)	Japan	150.72.179.110	Tokyo	100-0001
	Chiyoda (2)	Japan	150.62.202.191	Tokyo	100-0001
	Chiyoda (2)	Japan	150.25.128.18	Tokyo	100-0001
	Chiyoda (2)	Japan	150.24.151.42	Tokyo	100-0001
	Indianapolis (Mile Square)	United States	150.233.162.63	Indiana	46204
AS2572 University of Missouri - dba the Missouri Research and Education Network (MOREnet)	Saint Joseph	United States	150.200.92.220	Missouri	64507
	Chiyoda (2)	Japan	150.2.231.131	Tokyo	100-0001
AS27807 Fundación Centro Nacional de Innovación Tecnológica (CENIT)	Caracas	Venezuela	150.189.41.55	Capital	
	Jinan	China	150.122.30.49	Shandong	
AS32531 Fordham University	The Bronx	United States	150.108.193.81	New York	10458
	Hadano-shi (937)	Japan	150.10.170.251	Kanagawa	
	Yaquim	Israel	149.88.73.207	Central District	
	Arlington	United States	149.48.147.118	Virginia	22202
	Mount Laurel	United States	149.41.63.15	New Jersey	08054
	New York	United States	149.39.78.230	New York	10019
	New York	United States	149.39.41.221	New York	10019
AS20473 Choopa, LLC	Matawan	United States	149.28.61.62	New Jersey	07747
	Bremen	Germany	149.243.18.238	Bremen	28195
AS680 Verein zur Foerderung eines Deutschen Forschungsnetzes e.V.	Magdeburg	Germany	149.203.246.170	Saxony-Anhalt	39126
	Sunbury-on-Thames	United Kingdom	149.184.92.200	England	TW16
	Sunbury-on-Thames	United Kingdom	149.181.37.175	England	TW16
	Columbus (East Columbus)	United States	148.46.93.85	Ohio	43218
	Columbus (East Columbus)	United States	148.46.202.161	Ohio	43218
AS6400 Compañía Dominicana de Teléfonos, C. por A. - CODETEL	Santo Domingo	Dominican Republic	148.255.19.25	Nacional	10201
	Azcapotzalco	Mexico	148.250.48.73	Mexico City	02070
	Azcapotzalco	Mexico	148.250.163.13	Mexico City	02070
	Ridgefield	United States	148.190.54.86	Connecticut	06877

	Hoffman Estates	United States	148.162.177.207	Illinois	60179
	Södertälje	Sweden	148.148.123.232	Stockholm	151 00
	Courbevoie	France	148.143.81.246	Île-de-France	92400
	Columbus (East Columbus)	United States	148.14.49.250	Ohio	43218
	Columbus (East Columbus)	United States	148.14.201.153	Ohio	43218
	Boston	United States	148.139.74.7	Massachusetts	02109
	Brussels	Belgium	147.93.91.100	Brussels Capital	1012
AS13092 Akademska mreza Republike Srbije - AMRES	Belgrade	Serbia	147.91.5.147	Belgrade	
	Melbourne	United States	147.90.137.141	Florida	32901
	Fort Huachuca	United States	147.40.14.116	Arizona	85613
	El Segundo	United States	147.21.20.206	California	90245
	Alpharetta	United States	147.183.208.133	Georgia	30022
	Southborough	United States	147.178.51.40	Massachusetts	01772
	Redwood City	United States	147.154.254.53	California	94065
	Old Whittington (Brimington Road North)	United Kingdom	147.119.68.13	England	
	San Ramon	United States	146.46.156.74	California	94583
	San Ramon	United States	146.39.120.92	California	94583
	Munich (Ramersdorf-Perlach)	Germany	146.253.49.23	Bavaria	81669
	Munich (Ramersdorf-Perlach)	Germany	146.253.12.183	Bavaria	81669
AS46261 QuickPacket, LLC	Santa Clara	United States	146.252.204.39	California	95054
	San Ramon	United States	146.23.229.119	California	94583
	San Ramon	United States	146.222.250.229	California	94583
	Melville	United States	146.184.36.202	New York	11747
AS12479 Orange Espagne SA	Alcalá de Henares	Spain	146.158.227.52	Madrid	28806
	Brisbane	Australia	146.144.49.176	Queensland	4000
	Houston	United States	146.130.214.82	Texas	77002
	Warren Township	United States	146.128.207.98	New Jersey	07059
AS1103 SURFnet bv	Utrecht	Netherlands	145.90.82.159	Provincie Utrecht	3512
	Amstelveen	Netherlands	145.80.145.191	North Holland	1183
	Utrecht	Netherlands	145.16.8.167	Provincie Utrecht	3512
	Houston	United States	144.68.137.71	Texas	77062
	Houston	United States	144.67.49.142	Texas	77062
	Wellington	New Zealand	144.66.166.186	Wellington	6149
	Annapolis	United States	144.243.206.192	Maryland	21401

	Columbus (East Columbus)	United States	144.237.116.32	Ohio	43218
	Fairfield	United States	144.222.56.176	Connecticut	06828
	Fairfield	United States	144.219.160.109	Connecticut	06828
	Clichy	France	144.211.80.62	Île-de-France	92110
	San Diego	United States	144.196.7.63	California	92123
AS36352 ColoCrossing	Stoney Creek	Canada	144.168.152.156	Ontario	L8E
AS209 Qwest Communications Company, LLC	Mountain Home	United States	144.163.228.239	Arkansas	72653
	Indianapolis (Mile Square)	United States	144.150.36.218	Indiana	46204
	Columbus (East Columbus)	United States	144.143.66.153	Ohio	43218
	Chicago	United States	144.117.47.102	Illinois	60606
	Palo Alto	United States	144.10.122.131	California	94304
	Melbourne	Australia	143.218.52.226	Victoria	3001
	Seattle	United States	143.204.90.146	Washington	98109
	Huntsville	United States	143.116.236.184	Alabama	35807
	New Kensington	United States	142.79.135.120	Pennsylvania	15069
	Tiverton	Canada	142.6.152.165	Ontario	N0G
AS46375 Sonic Telecom LLC	Benicia	United States	142.254.80.142	California	94510
	Ottawa	Canada	142.236.233.10	Ontario	K1G
	Horsham	United States	142.192.214.196	Pennsylvania	19044
	Montreal (Verdun)	Canada	142.186.133.1	Quebec	H4G
	Montreal (Verdun)	Canada	142.178.222.98	Quebec	H4G
	Denver	United States	141.205.233.42	Colorado	80221
AS20473 Choopa, LLC	Miami	United States	141.193.98.19	Florida	33102
	Santa Rosa	United States	141.184.199.104	California	95403
	Palo Alto	United States	141.179.96.7	California	94304
	Palo Alto	United States	141.179.185.137	California	94304
AS6848 Telenet BVBA	Sint-Niklaas	Belgium	141.134.10.132	Flanders	9100
	Santa Rosa	United States	141.121.215.83	California	95403
	Denver	United States	140.76.121.127	Colorado	80221
	Columbus (East Columbus)	United States	140.74.201.222	Ohio	43218
	Columbus (East Columbus)	United States	140.71.217.87	Ohio	43218
	Columbus (East Columbus)	United States	140.61.125.230	Ohio	43218
	Columbus (East Columbus)	United States	140.39.246.147	Ohio	43218

	Columbus (East Columbus)	United States	140.34.126.26	Ohio	43218
	Columbus (East Columbus)	United States	140.29.14.167	Ohio	43218
	Cambridge	United States	140.245.83.9	Massachusetts	02140
	Columbus	United States	140.17.235.254	Ohio	43218
	Columbus	United States	140.17.110.251	Ohio	43218
	Hanoi	Vietnam	14.250.156.122	Thanh Pho Ha Noi	
AS45899 VNPT Corp	Hanoi	Vietnam	14.232.222.15	Thanh Pho Ha Noi	
AS45899 VNPT Corp	Hanoi	Vietnam	14.163.216.50	Thanh Pho Ha Noi	
	Framingham	United States	139.68.60.160	Massachusetts	01701
	Columbus (East Columbus)	United States	139.41.84.190	Ohio	43218
AS37963 Hangzhou Alibaba Advertising Co.,Ltd.	Hangzhou	China	139.224.81.99	Zhejiang	
	Redwood City	United States	139.185.149.85	California	94065
	New Kensington	United States	139.180.153.229	Pennsylvania	15069
	New York	United States	139.172.159.94	New York	10282
AS394977 TAKE-TWO INTERACTIVE SOFTWARE, INC.	Pymont	Australia	139.138.226.208	New South Wales	2009
	Elkhorn	United States	139.131.30.203	Nebraska	68022
	Bonn	Germany	139.12.172.32	North Rhine-Westphalia	53125
	Melbourne	Australia	138.79.83.21	Victoria	3004
	Atlanta	United States	138.33.6.53	Georgia	30303
	Brisbane	Australia	138.213.13.74	Queensland	4000
	Sandefjord	Norway	138.124.109.182	Vestfold	3221
	Santiago	Chile	138.121.176.169	Santiago Metropolitan	
	Norwood	United States	137.71.255.198	Massachusetts	02062
	London	United Kingdom	137.218.13.221	England	EC2V
	Baltimore	United States	137.200.189.62	Maryland	21235
	Albuquerque	United States	137.160.174.28	New Mexico	87113
	Zurich	Switzerland	137.156.191.233	Zurich	8047
	Montgomery	United States	137.126.65.146	Alabama	36114
	Dearborn	United States	136.78.179.152	Michigan	48121
	Dearborn	United States	136.77.83.64	Michigan	48121
	Dearborn	United States	136.69.0.183	Michigan	48121
	Dearborn	United States	136.23.216.139	Michigan	48121
	San Ramon	United States	136.171.73.6	California	94583
	Dearborn	United States	136.124.230.83	Michigan	48121
	Dearborn	United States	136.117.237.137	Michigan	48121
	Dearborn	United States	136.113.9.143	Michigan	48121

	Dearborn	United States	136.109.129.96	Michigan	48121
	Hockessin	United States	136.104.115.112	Delaware	19707
	Indianapolis (Mile Square)	United States	135.78.113.177	Indiana	46204
	Indianapolis (Mile Square)	United States	135.40.248.219	Indiana	46204
	Indianapolis (Mile Square)	United States	135.33.211.62	Indiana	46204
	Indianapolis (Mile Square)	United States	135.215.166.194	Indiana	46204
	Indianapolis (Mile Square)	United States	135.192.90.190	Indiana	46204
	Indianapolis (Mile Square)	United States	135.192.104.117	Indiana	46204
	Indianapolis (Mile Square)	United States	135.184.169.111	Indiana	46204
AS7065 Sonoma Interconnect	Santa Rosa	United States	135.180.26.97	California	95401
	Indianapolis (Mile Square)	United States	135.175.172.4	Indiana	46204
	Indianapolis (Mile Square)	United States	135.173.81.85	Indiana	46204
	Indianapolis (Mile Square)	United States	135.173.24.4	Indiana	46204
	Indianapolis (Mile Square)	United States	135.138.96.136	Indiana	46204
	Palo Alto	United States	134.251.212.48	California	94304
	Carrollton	United States	134.23.4.224	Texas	75006
	Newark	United States	134.177.56.61	New Jersey	07175
	San Angelo	United States	134.172.88.100	Texas	76901
AS1307 Renater	Paris	France	134.157.78.169	Île-de-France	75001
	Campbell	United States	134.122.115.173	California	95008
AS20773 Host Europe GmbH	Hoest	Germany	134.119.72.180	North Rhine-Westphalia	47652
	Hitachi	Japan	133.252.59.254	Ibaraki	300-1206
	Hitachi	Japan	133.252.182.123	Ibaraki	300-1206
	Chiyoda	Japan	133.235.120.180	Tokyo	100-0001
	Yokohama	Japan	133.146.200.46	Kanagawa	231-0022
	Koto-ku (15)	Japan	133.134.132.60	Tokyo	
	Chalk River	Canada	132.225.153.82	Ontario	K0J
	Chalk River	Canada	132.225.129.101	Ontario	K0J
	Schaumburg	United States	132.223.32.67	Illinois	60194
	Long Island City	United States	131.226.115.8	New York	11101
	Montgomery	United States	131.19.114.130	Alabama	36114
	Redwood City	United States	131.186.170.38	California	94065

	Tempe	United States	131.127.106.24	Arizona	85284
	North Reading	United States	131.101.167.6	Massachusetts	01864
	Norwell	United States	130.52.181.222	Massachusetts	02061
	Indianapolis (Mile Square)	United States	130.5.82.186	Indiana	46204
	Indianapolis (Mile Square)	United States	130.48.145.243	Indiana	46204
	Wilkesboro	United States	130.45.223.183	North Carolina	28697
	Bellevue	United States	130.222.81.42	Nebraska	68005
AS15169 Google LLC	Mountain View	United States	130.211.208.46	California	94043
	Las Vegas	United States	130.169.162.129	Nevada	89123
	Eindhoven	Netherlands	130.141.39.103	North Brabant	5612
AS1103 SURFnet bv	Rotterdam	Netherlands	130.115.19.238	South Holland	3071
	Redmond	United States	13.97.178.92	Washington	98052
AS16509 Amazon.com, Inc.	Seattle	United States	13.33.245.240	Washington	98101
	Norwalk	United States	13.227.70.215	Connecticut	06850
	Norwalk	United States	13.221.22.94	Connecticut	06850
	Norwalk	United States	13.190.107.186	Connecticut	06850
	Newark	United States	13.181.66.175	New Jersey	07175
	Newark	United States	13.181.63.155	New Jersey	07175
	Newark	United States	13.175.157.118	New Jersey	07175
	Norwalk	United States	13.136.201.78	Connecticut	06850
	Newark	United States	13.123.170.137	New Jersey	07175
	Newark	United States	13.122.5.7	New Jersey	07175
	Norwalk	United States	13.12.20.62	Connecticut	06850
	Redmond	United States	13.101.24.185	Washington	98052
	Minneapolis	United States	129.235.207.64	Minnesota	55418
	Denver	United States	129.197.159.43	Colorado	80221
	Virginia Beach	United States	129.190.254.86	Virginia	23459
AS27 University of Maryland	Silver Spring	United States	128.8.237.99	Maryland	20904
AS5410 Bouygues Telecom SA	Rillieux-la-Pape	France	128.79.184.246	Auvergne-Rhone-Alpes	
AS3253 PVimpelCom	Yekaterinburg	Russia	128.75.32.141	Sverdlovskaya Oblast'	620062
AS29222 Infomaniak Network SA	Geneva	Switzerland	128.65.196.144	Geneva	1207
	Menlo Park	United States	128.57.160.11	California	94025
	Fort George Meade	United States	128.50.82.53	Maryland	
	Fort George Meade	United States	128.50.139.93	Maryland	
	Richardson	United States	128.24.120.245	Texas	75081
	Kiev	Ukraine	128.124.114.52	Kyiv City	04212
	Waltham	United States	128.11.125.41	Massachusetts	02451

AS59 University of Wisconsin Madison	Madison	United States	128.105.22.236	Wisconsin	53706
AS3786 LG DACOM Corporation	Seoul	Republic of Korea	125.7.246.70	Seoul	
AS23575 SK Broadband Co Ltd	Ulsan	Republic of Korea	125.61.8.25	Ulsan	
AS17858 LG POWERCOMM	Seoul	Republic of Korea	125.182.180.171	Seoul	
AS7713 PT Telekomunikasi Indonesia	Surabaya	Indonesia	125.164.77.230	East Java	
AS4766 Korea Telecom	Seoul (Seongsu 2(i)-ga 3(sam)-dong)	Republic of Korea	125.129.121.227	Seoul	133-123
AS4134 No.31,Jin-rong Street	Ningbo	China	125.115.85.74	Zhejiang	
AS4134 No.31,Jin-rong Street	Jinhua	China	125.113.35.33	Zhejiang	
	Nanning	China	124.156.95.117	Guangxi	
	Beijing	China	123.62.175.30	Beijing	
	Seoul	Republic of Korea	123.250.45.65	Seoul	
AS24560 Bharti Airtel Ltd., Telemedia Services	Noida	India	122.177.149.11	Uttar Pradesh	201301
AS4755 TATA Communications formerly VSNL is Leading ISP	Hyderabad	India	121.241.160.29	Telangana	009140
AS4766 Korea Telecom	Seoul	Republic of Korea	121.137.215.194	Seoul	
AS7718 TransACT Capital Communications Pty Limited	Canberra	Australia	121.127.196.185	Australian Capital Territory	2600
	Guangzhou	China	120.30.141.52	Guangdong	
AS7018 AT&T; Services, Inc.	DeLand	United States	12.8.15.98	Florida	32720
AS7018 AT&T; Services, Inc.	Orange	United States	12.250.206.90	California	92867
AS7018 AT&T; Services, Inc.	San Francisco	United States	12.131.21.34	California	94109
	Shenzhen	China	119.3.95.158	Guangdong	
AS4766 Korea Telecom	Seongnam-si	Republic of Korea	119.218.58.7	Gyeonggi-do	
AS4766 Korea Telecom	Pocheon-si (Idong-myeon)	Republic of Korea	118.49.228.61	Gyeonggi-do	
AS4766 Korea Telecom	Incheon	Republic of Korea	118.47.244.211	Incheon	
	Beijing	China	118.26.58.234	Beijing	
	Beijing	China	118.227.134.117	Beijing	
AS9304 HGC Global Communications Limited	Hong Kong	Hong Kong	118.140.96.61	Central and Western	

AS3786 LG DACOM Corporation	Seongnam-si	Republic of Korea	118.131.37.105	Gyeonggi-do	
	Beijing	China	117.72.138.141	Beijing	
	Beijing	China	117.51.218.233	Beijing	
	Beijing	China	117.51.140.157	Beijing	
AS9829 National Internet Backbone	Bhubaneswar	India	117.245.131.162	Odisha	751024
AS9829 National Internet Backbone	Chennai	India	117.235.203.134	Tamil Nadu	009144
AS9829 National Internet Backbone	Bengaluru	India	117.211.203.134	Karnataka	560001
AS4134 No.31,Jin-rong Street	Guangzhou	China	116.23.92.1	Guangdong	
	Beijing	China	116.190.179.220	Beijing Shi	
	Beijing	China	116.188.113.46	Beijing Shi	
	Beijing	China	116.186.42.136	Beijing Shi	
	Beijing	China	116.183.174.136	Beijing Shi	
	Beijing	China	116.173.213.247	Beijing Shi	
	Beijing	China	116.164.179.194	Beijing Shi	
	Beijing	China	116.145.193.3	Beijing Shi	
AS4766 Korea Telecom	Seongnam-si	Republic of Korea	115.7.10.220	Gyeonggi-do	
AS4134 No.31,Jin-rong Street	Linhai	China	115.202.2.45	Zhejiang	
AS4766 Korea Telecom	Seongnam-si	Republic of Korea	115.2.249.107	Gyeonggi-do	
	Beijing	China	115.180.86.61	Beijing	
	Beijing	China	115.180.145.92	Beijing	
AS4739 Internode Pty Ltd	Tuart Hill	Australia	115.166.56.39	Western Australia	6060
	Beijing	China	115.104.134.196	Beijing	
AS4134 No.31,Jin-rong Street	Wuxi	China	114.225.71.217	Jiangsu	
	Beijing	China	114.209.111.158	Beijing	
AS9318 SK Broadband Co Ltd	Cheongju-si	Republic of Korea	114.204.175.220	North Chungcheong	
AS4713 NTT Communications Corporation	Tokushima	Japan	114.171.28.155	Tokushima	770-0867
	Jakarta	Indonesia	114.12.222.122	Jakarta	
	Jakarta	Indonesia	114.1.254.129	Jakarta	
AS4134 No.31,Jin-rong Street	Longquan	China	113.26.232.175	Shanxi	
AS4134 No.31,Jin-rong Street	Changsha	China	113.240.72.227	Hunan	
AS4837 CHINA UNICOM China169 Backbone	Dalian	China	113.235.231.95	Liaoning	

AS4134 No.31,Jin-rong Street	Jianning	China	113.222.30.205	Hunan	
AS4837 CHINA UNICOM China169 Backbone	Harbin	China	113.1.229.66	Heilongjiang	
AS4837 CHINA UNICOM China169 Backbone	Jinan	China	112.251.107.251	Shandong	
AS4766 Korea Telecom	Seongnam-si	Republic of Korea	112.178.221.36	Gyeonggi-do	
	Bangkok	Thailand	112.142.183.15	Bangkok	10200
AS56041 China Mobile communications corporation	Ningbo	China	112.14.34.233	Zhejiang	
AS4134 No.31,Jin-rong Street	Linhe	China	111.127.176.148	Inner Mongolia Autonomous Region	
AS4837 CHINA UNICOM China169 Backbone	Baotou	China	110.7.55.137	Inner Mongolia Autonomous Region	
AS9757 CMB DONGSEO BROADCASTING	Seoul	Republic of Korea	110.34.89.143	Seoul	
	Columbus (East Columbus)	United States	11.94.25.104	Ohio	43218
	Denver	United States	11.90.237.20	Colorado	80237
	Minneapolis	United States	11.77.22.172	Minnesota	55444
	Columbus (East Columbus)	United States	11.37.84.253	Ohio	43218
	Austin	United States	11.254.116.128	Texas	78750
	Davenport	United States	11.237.43.29	Florida	33837
	Columbus (East Columbus)	United States	11.236.244.91	Ohio	43218
	Clewiston	United States	11.231.105.11	Florida	33440
	Rio Linda	United States	11.224.61.98	California	95673
	San Jose	United States	11.220.51.71	California	95112
	Fairfield	United States	11.218.233.249	California	94533
	Columbus (East Columbus)	United States	11.215.240.14	Ohio	43218
	Kent	United States	11.210.168.42	Washington	98035
	Tacoma	United States	11.210.156.205	Washington	98444
	Hickory Grove	United States	11.161.112.75	South Carolina	29717
	Allen	United States	11.120.124.43	Texas	75013
	Woodstock	United States	11.116.238.199	Virginia	22664
	Hanover	United States	11.105.237.133	Pennsylvania	17331
	Columbus (East Columbus)	United States	11.0.105.254	Ohio	43218
AS8400 TELEKOM SRBIJA a.d.	Belgrade	Serbia	109.93.94.181	Belgrade	
AS15557 SFR SA	Commercy	France	109.28.53.190	Grand Est	55200

AS196740 Teleradiocompany TeleLan LLC	Stryi	Ukraine	109.207.121.62	L'vivs'ka Oblast'	82400
AS39028 JSC ER-Telecom Holding	Ulyanovsk	Russia	109.195.197.246	Ulyanovsk Oblast	432071
AS15557 SFR SA	Greoux-les-Bains	France	109.19.173.237	Provence-Alpes-Côte d'Azur	04800
AS12389 Rostelecom	Samara	Russia	109.169.190.148	Samara Oblast	404146
AS196949 Kozitskiy A.M. PI	Vladivostok	Russia	109.110.52.242	Primorskiy (Maritime) Kray	690105
AS15557 SFR SA	Paris	France	109.1.239.245	Île-de-France	75000
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Southampton	United States	108.52.199.59	Pennsylvania	18966
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Northvale	United States	108.35.38.127	New Jersey	07647
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Jersey City	United States	108.35.129.203	New Jersey	07306
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Brooklyn	United States	108.27.217.9	New York	11237
AS54600 PEG TECH INC	San Jose	United States	108.186.7.32	California	95113
AS13692 Douglas FastNet	Roseburg	United States	108.174.189.203	Oregon	97471
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Philadelphia	United States	108.16.51.220	Pennsylvania	19111
	Fort Worth	United States	108.118.192.37	Texas	76195
	Atlanta	United States	108.107.25.218	Georgia	30302
	Newark	United States	107.79.7.84	New Jersey	07175
	Newark	United States	107.79.171.29	New Jersey	07175
AS7922 Comcast Cable Communications, LLC	Fremont	United States	107.3.186.14	California	94539
	Newark	United States	107.227.182.51	New Jersey	07175
AS36352 ColoCrossing	Buffalo	United States	107.173.151.181	New York	14202
AS7065 Sonoma Interconnect	Santa Rosa	United States	107.157.39.194	California	95407
AS33363 BRIGHT HOUSE NETWORKS, LLC	Brownsburg	United States	107.147.75.69	Indiana	46112
	Newark	United States	107.121.199.219	New Jersey	07175
AS11426 Time Warner Cable Internet LLC	Jacksonville	United States	107.12.151.114	North Carolina	28546
	Newark	United States	107.111.171.172	New Jersey	07175
AS4134 No.31,Jin-rong Street	Chongqing	China	106.80.153.89	Chongqing	
	Pretoria (Silverton)	South Africa	105.244.149.134	Gauteng	0170

	Lagos (Ikoyi)	Nigeria	105.115.65.60	Lagos	
	Lagos (Ikoyi)	Nigeria	105.112.248.197	Lagos	
AS16625 Akamai Technologies, Inc.	Cambridge	United States	104.98.48.58	Massachusetts	02142
AS16625 Akamai Technologies, Inc.	Cambridge	United States	104.70.241.136	Massachusetts	02142
AS22552 eSited Solutions	Los Angeles	United States	104.221.235.190	California	90017
AS40676 Psychz Networks	Walnut	United States	104.217.236.176	California	91789
AS17139 Corporate Colocation Inc.	San Jose	United States	104.207.54.137	California	95113
AS18978 Enzu Inc	Los Angeles	United States	104.203.247.107	California	90017
	Oakland	United States	104.192.10.242	California	94603
AS33363 BRIGHT HOUSE NETWORKS, LLC	Spring Hill	United States	104.136.249.86	Florida	34609
AS24203 PT Excelcomindo Pratama (Network Access Provider)	Cambridge	United States	104.118.149.128	Massachusetts	02142
AS16625 Akamai Technologies, Inc.	Amsterdam	Netherlands	104.101.244.45	North Holland	1091
	Haldwani	India	103.81.28.182	Uttarakhand	263139
AS26658 HT	Hong Kong	Hong Kong	103.69.122.212	Central and Western	
AS45335 IKF Telecom	Lucknow	India	103.64.128.221	Uttar Pradesh	226008
	South Brisbane	Australia	103.58.198.41	Queensland	4101
	Suwon	Republic of Korea	103.51.169.191	Gyeonggi-do	
	New Delhi (Barakhamba)	India	103.252.147.116	NCT	110001
AS2514 NTT PC Communications, Inc.	Sakurakabu	Japan	103.244.45.134	Kanagawa	242-0023
	Yinchuan	China	103.22.66.52	Ningsia Hui Autonomous Region	
	Baotou	China	103.22.11.234	Inner Mongolia Autonomous Region	
	South Brisbane	Australia	103.204.116.209	Queensland	4101
AS131899 DIG Inc.	Narihira	Japan	103.192.150.115	Tokyo	130-0002
	South Brisbane	Australia	103.153.26.212	Queensland	4101
	South Brisbane	Australia	103.144.196.141	Queensland	4101
	South Brisbane	Australia	103.133.60.76	Queensland	4101
	South Brisbane	Australia	103.132.67.206	Queensland	4101
	South Brisbane	Australia	103.130.171.51	Queensland	4101
	Ebene CyberCity	Mauritius	102.98.3.20	Plaines Wilhems District	
	Ebene CyberCity	Mauritius	102.59.170.73	Plaines Wilhems District	
	Ebene CyberCity	Mauritius	102.45.221.153	Plaines Wilhems District	
	Ebene CyberCity	Mauritius	102.44.192.3	Plaines Wilhems District	
	Ebene CyberCity	Mauritius	102.34.114.69	Plaines Wilhems District	

	Ebene CyberCity	Mauritius	102.3.49.117	Plaines Wilhems District	
	Ebene CyberCity	Mauritius	102.237.210.178	Plaines Wilhems District	
	Ebene CyberCity	Mauritius	102.219.15.132	Plaines Wilhems District	
	Ebene CyberCity	Mauritius	102.208.138.151	Plaines Wilhems District	
	Ebene CyberCity	Mauritius	102.202.94.159	Plaines Wilhems District	
	Ebene CyberCity	Mauritius	102.20.160.225	Plaines Wilhems District	
	Freetown (Wilberforce)	Sierra Leone	102.143.31.234	Western Area	
	Ebene CyberCity	Mauritius	102.134.43.95	Plaines Wilhems District	
	Ebene CyberCity	Mauritius	102.114.21.25	Plaines Wilhems District	
	Ebene CyberCity	Mauritius	102.1.65.138	Plaines Wilhems District	
	Delhi	India	101.62.153.104	National Capital Territory of Delhi	110086
	Beijing	China	101.54.213.79	Beijing	
AS23674 Nayatel (Pvt) Ltd	Islamabad	Pakistan	101.50.67.18	Islamabad	44000
AS55831 Aircel Ltd.	Gorakhpur	India	101.216.49.178	Uttar Pradesh	273001
	Ghaziabad	India	101.213.243.200	Uttar Pradesh	201001
AS55831 Aircel Ltd.	Jammu	India	101.209.218.40	Jammu and Kashmir	180001
	Chaoyang	China	101.107.50.51	Liaoning	
	Chaoyang	China	101.106.91.67	Liaoning	
	Guangzhou	China	101.101.116.203	Guangdong	
AS701 MCI Communications Services, Inc. d/b/a Verizon Business	Fairfax	United States	100.36.126.157	Virginia	22032
AS9318 SK Broadband Co Ltd	Hanam	Republic of Korea	1.252.212.43	Gyeonggi-do	
AS4837 CHINA UNICOM China169 Backbone	Baotou	China	1.25.128.139	Inner Mongolia Autonomous Region	
AS9318 SK Broadband Co Ltd	Cheongju-si	Republic of Korea	1.246.234.149	North Chungcheong	
AS9318 SK Broadband Co Ltd	Seoul	Republic of Korea	1.242.151.35	Seoul	
AS45528 Tikona Infinet Ltd.	Mumbai	India	1.23.162.144	Maharashtra	410206
	Seoul (Garak-dong)	Republic of Korea	1.17.70.144	Seoul	
AS18245 CNNIC	Beijing	China	1.13.167.166	Beijing	
	Beijing	China	1.117.197.203	Beijing	