



## IoT Custom Connect - Roaming Partners

Country	Network Provider	MCCMNC	2G	GPRS	3G Data	4G/LTE	NB-IoT	LTE-M
Albania	One Telecommunications sh.a	27601	live	live	live	live		
Albania	ALBtelecom sh.a.	27603	live	live	live	live		
Albania	Vodafone Albania	27602	live	live	live	live		
Algeria	ATM Mobilis	60301	live	live	live	live		
Algeria	Wataniya Telecom Algeria	60303	live	live	live	live		
Andorra	Andorra Telecom S.A.U.	21303	live	live	live	live		
Anguilla	Cable and Wireless (Anguilla) Ltd	365840	live	live	live	live		
Anguilla	Digicl (Jamaica) Limited	338050	live	live	live	live		
Antigua & Barbuda	Cable & Wireless (Antigua) Limited	344920	live	live	live	live		
Antigua & Barbuda	Digicl (Jamaica) Limited	338050	live	live	live	live		
Argentina	Telefónica Móviles Argentina S.A.	72207	live	live	live	live		
Argentina	Telecom Argentina S.A.	72234	live	live	live	live		
Armenia	VEON Armenia CJSC	28301	live	live	live	live		
Armenia	Ucom LLC	28310	live	live	live	live		
Aruba	Digicl (Jamaica) Limited	338050	live	live	live	live		
Australia	SingTel Optus Pty Limited	50502			live	live		
Australia	Telstra Corporation Ltd	50501	live	live	live	live		
Austria	T-Mobile Austria GmbH	23203	live	live	live	live	live	live
Austria	A1 Telekom Austria AG	23201	live	live	live	live		
Azerbaijan	Bakcell Limited Liable Company	40002	live	live	live	live		
Bahrain	STC Bahrain B.S.C Closed	42604	live	live	live			
Barbados	Cable & Wireless Barbados Ltd.	342600	live	live	live	live		
Barbados	Digicl (Jamaica) Limited	338050	live	live	live	live		
Belarus	Belarusian Telecommunications Network	25704	live	live	live	live		



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Country	Network Provider	MCCMNC	2G	GPRS	3G Data	4G/LTE	NB-IoT	LTE-M
Belarus	Mobile TeleSystems JLLC	25702	live	live	live	live		
Belarus	Unitary Enterprise A1	25701	live	live	live			
Belgium	Orange Belgium NV/SA	20610	live	live	live	live	live	live
Belgium	Telenet Group BVBA/SPRL	20620	live	live	live	live	live	
Belgium	Proximus PLC	20601	live	live	live	live		
Benin	Etisalat Benin Ltd	61602	live	live	live			
Bermuda	Digicl (Jamaica) Limited	338050	live	live	live	live		
Bolivia	Telefonica Celular De Bolivia S.A.	73603	live	live	live			
Bosnia and Herzegovina	PUBLIC ENTERPRISE CROATIAN TELECOM Ltd.	21803	live	live	live	live		
Bosnia and Herzegovina	RS Telecommunications JSC Banja Luka	21805	live	live	live	live		
Brazil	Claro S.A	72405	live	live	live	live		
Brazil	Telefonica Brasil SA	72410	live	live	live	live		
Brazil	Telefonica Brasil SA	72411	live	live	live	live		
Brazil	Telefonica Brasil SA	72406	live	live	live	live		
Brazil	Telefonica Brasil SA	72423	live	live	live	live		
British Virgin Islands	Cable & Wireless West Indies	348170	live	live	live	live		
British Virgin Islands	Digicl (Jamaica) Limited	338050	live	live	live	live		
Bulgaria	A1 Bulgaria	28401	live	live	live	live		
Bulgaria	Bulgarian Telecommunications Company EAD	28403	live	live	live	live		
Bulgaria	Telenor Bulgaria EAD	28405	live	live	live	live		
Cambodia	Viettel (Cambodia) Pte., Ltd	45608	live	live	live	live		
Cambodia	CamGSM Co.Ltd.	45601	live	live	live	live		
Canada	TELUS Communications Co.	302220				live	live	
Canada	Bell Mobility Inc.	302610	live	live	live	live		



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Country	Network Provider	MCCMNC	2G	GPRS	3G Data	4G/LTE	NB-IoT	LTE-M
Canada	Rogers Communications Canada Inc.	302720	live	live	live	live		
Canada	SaskTel	302780			live	live		
Cayman	Cable & Wireless West Indies	346140	live	live	live	live		
Cayman	Digicel (Jamaica) Limited	338050	live	live	live	live		
Chile	Entel PCS Telecomunicaciones S.A.	73001	live	live	live	live		
Chile	Telefonica Moviles Chile S.A.	73002	live	live	live	live		
China	China Mobile International Limited	46000	live	live	live	live		
China	China Unicom	46001	live	live	live	live		
Colombia	Comunicacion Celular S.A.	732101	live	live	live	live		
Costa Rica	I.C.E. (Instituto Costarricense de Electricidad)	71201	live	live	live	live		
Costa Rica	Claro CR Comunicaciones SA	71203	live	live	live			
Croatia	Hrvatski Telekom d.d.	21901	live	live	live	live	live	
Croatia	Telemach Hrvatska d.o.o.	21902	live	live	live	live		
Croatia	A1 Hrvatska d.o.o.	21910	live	live	live	live		
Cuba	Empresa de Telecomunicaciones de Cuba, SA	36801	live	live	live	live		
Cyprus	PrimeTel PLC	28020	live	live		live		
Cyprus	Cyprus Telecommunications Authority	28001	live	live	live	live		
Cyprus	EPIC Ltd.	28010	live	live	live	live		
Czech Republic	T-Mobile Czech Republic	23001	live	live	live	live	live	
Czech Republic	O2 Czech Republic, a.s.	23002	live	live	live	live		
Czech Republic	Vodafone Czech Republic	23003	live	live		live		
Denmark	Telia Nattjanster Norden AB	23820	live	live	live	live	live	
Denmark	Telenor A/S	23802	live	live	live	live		
Denmark	Nuuday A/S	23801	live	live	live	live		



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Country	Network Provider	MCCMNC	2G	GPRS	3G Data	4G/LTE	NB-IoT	LTE-M
Dominica	Cable & Wireless Dominica Ltd.	366110	live	live	live	live		
Dominica	Digicel (Jamaica) Limited	338050	live	live	live	live		
Egypt	Orange Egypt for Telecommunications	60201	live	live	live	live		
El Salvador	CTE Telecom Personal SA de CV	70601	live	live	live			
Equatorial Guinea	Muni S.A.	62703	live	live	live			
Estonia	Telia Eesti	24801	live	live	live	live		
Estonia	Tele2 Eesti AS	24803	live	live	live	live		
Faroe Islands	Faroese Telecom	28801	live	live	live	live		
Finland	Telia Finland Oyj	24491	live	live	live	live	live	
Finland	DNA Ltd	24412	live	live	live	live		
Finland	Alands Telekommunikation Ab	24414	live	live	live			
France	Orange France	20801	live	live	live	live		live
France	Bouygues Telecom France	20820	live	live	live	live		
France	Société Française du Radiotéléphone S.A.	20810	live	live	live			
Georgia	Silknet JSC	28201	live	live	live	live		
Germany	Telekom Deutschland GmbH	26201	live	live	live	live	live	live
Germany	Vodafone D2 GmbH	26202	live	live	live	live	live	
Germany	Telefónica Germany GmbH & Co. OHG	26207	live	live	live	live		
Ghana	Vodafone Ghana	62002	live					
Gibraltar	Gibtelecom	26601	live	live	live	live		
Great Britain	Vodafone Ltd	23415	live	live	live	live	live	
Great Britain	Telefonica UK Limited	23410	live	live	live	live		
Greece	COSMOTE Mobile Telecommunications S.A	20201	live	live	live	live	live	
Greece	WIND HELLAS Telecommunications S.A.	20210	live	live	live	live		



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Country	Network Provider	MCCMNC	2G	GPRS	3G Data	4G/LTE	NB-IoT	LTE-M
Greece	Vodafone-Panafon Hellenic Telecommunications Company S.A.	20205	live	live	live	live		
Greenland	Tele Greenland A/S	29001	live	live	live	live		
Grenada	Cable & Wireless Grenada Ltd.	352110	live	live	live	live		
Grenada	Digicl (Jamaica) Limited	338050	live	live	live	live		
Guernsey	Sure (Guernsey) Limited	23455	live	live	live	live		
Guernsey	JT (Jersey) Limited	23450	live	live	live	live		
Guyana	Guyana Telephone & Telegraph Company	738002	live	live	live			
Haiti	Digicl (Jamaica) Limited	338050	live	live	live	live		
Hong Kong	Hong Kong Telecommunications (HKT) Limited	45400	live	live	live	live		
Hong Kong	Hutchison Telecommunications Hong Kong Holdings Limited	45403	live	live	live	live		
Hungary	Magyar Telekom Nyrt.	21630	live	live	live	live	live	
Hungary	Telenor Magyarország Zártkörűen Működő Részvénytársaság	21601	live	live	live	live		
Hungary	Vodafone Hungary Ltd.	21670	live	live	live			
Iceland	Síminn hf	27401	live	live	live	live		
Iceland	Sýn hf.	27402	live	live	live	live		
Iceland	Nova Island	27411			live	live		
India	Bharti Airtel Ltd.	40494	live	live	live	live		
India	Bharti Airtel Ltd.	40495	live	live	live	live		
India	Bharti Airtel Ltd.	40496	live	live	live	live		
India	Bharti Airtel Ltd.	40497	live	live	live	live		
India	Bharti Airtel Ltd.	40498	live	live	live	live		
India	Bharti Airtel Ltd.	40493	live	live	live	live		
India	Bharti Airtel Ltd.	40490	live	live	live	live		
India	Bharti Airtel Ltd.	40470	live	live	live	live		



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Country	Network Provider	MCCMNC	2G	GPRS	3G Data	4G/LTE	NB-IoT	LTE-M
India	Bharti Airtel Ltd.	40449	live	live	live	live		
India	Bharti Airtel Ltd.	40445	live	live	live	live		
India	Bharti Airtel Ltd.	40440	live	live	live	live		
India	Bharti Airtel Ltd.	40431	live	live	live	live		
India	Bharti Airtel Ltd.	40410	live	live	live	live		
India	Bharti Airtel Limited	40403	live	live	live	live		
India	Bharti Airtel Ltd.	40402	live	live	live	live		
India	Bharti Airtel Ltd.	40492	live	live	live	live		
Indonesia	PT Indosat Tbk	51001	live	live	live	live		
Indonesia	PT. XL Axiata Tbk	51011	live	live	live	live		
Ireland	Vodafone Ireland Limited	27201	live	live	live	live		
Isle of Man	Manx Telecom UK Isle of Man	23458	live	live	live	live		
Isle of Man	Sure (Guernsey) Limited	23455	live	live	live	live		
Israel	Pelephone Communications Ltd.	42503			live	live		
Israel	Hot Mobile Ltd.	42507	live	live	live	live		
Italy	Vodafone Italy	22210	live	live	live	live	live	
Italy	Telecom Italia SpA	22201	live	live	live	live	live	
Jamaica	Cable & Wireless Jamaica Limited	338180	live	live	live	live		
Jamaica	Digicel (Jamaica) Limited	338050	live	live	live	live		
Japan	NTT DoCoMo	44010			live	live		live
Jersey	JT (Jersey) Limited	23450	live	live	live	live		
Jersey	Jersey Airtel Limited	23403			live	live		
Jersey	Sure (Guernsey) Limited	23455	live	live	live	live		
Jordan	Petra Jordanian Mobile Telecommunication Company Ltd	41677	live	live	live	live		



Country	Network Provider	MCCMNC	2G	GPRS	3G Data	4G/LTE	NB-IoT	LTE-M
Kazakhstan	KaR-Tel LLP	40101	live	live	live	live		
Korea, Republic of	SK Telecom	45005			live	live		
Korea, Republic of	KT Corporation	45008			live	live		
Kosovo	Monaco Telecom S.A.M.	21201	live	live	live	live		
Kosovo	IPKO Telecommunications LLC	22102	live	live	live	live		
Kuwait	National Mobile Telecommunications Company (K.S.C)	41903	live	live	live	live		
Kyrgyzstan	Alfa Telecom CJSC	43705	live	live	live	live		
Kyrgyzstan	Sky Mobile LLC	43701	live	live	live	live		
Laos	Star Telecom Company Laos (STL)	45703	live	live	live	live		
Latvia	Latvijas Mobilais Telefons SIA	24701	live	live	live	live		live
Latvia	TELE2 Latvia	24702	live	live	live	live		
Liechtenstein	Telecom Liechtenstein AG	29505	live	live	live	live		
Liechtenstein	Salt (Liechtenstein) AG	29502	live	live	live	live		
Lithuania	Telia Lietuva, AB	24601	live	live	live	live		
Lithuania	UAB TELE2	24603	live	live	live	live		
Luxembourg	Post Luxembourg	27001	live	live	live	live		
Luxembourg	Orange Communications Luxembourg	27099	live	live	live	live		
Luxembourg	Tango SA	27077	live	live	live	live		
Macedonia	Makedonski Telekom AD Skopje	29401	live	live	live	live		
Malaysia	Digi Telecommunications Sdn Bhd	50216	live	live	live	live		
Malaysia	U Mobile Sdn Bhd	50218			live	live		
Malta	GO p.l.c.	27821	live	live	live	live		
Malta	Melita Ltd.	27877			live	live		
Malta	Vodafone Malta Ltd.	90128						



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Country	Network Provider	MCCMNC	2G	GPRS	3G Data	4G/LTE	NB-IoT	LTE-M
Mauritius	Emtel Ltd	61710	live	live	live	live		
Mayotte	Orange Reunion	64700	live	live	live	live		
Mexico	Pegaso PCS, S.A. de C.V.	334030	live	live	live	live		
Moldova	Orange Moldova	25901	live	live	live	live		
Moldova	Moldtelecom	25905			live	live		
Moldova	Moldcell S.A	25902	live	live	live	live		
Monaco	Monaco Telecom S.A.M.	21210	live	live	live	live		
Mongolia	Unitel LLC	42888	live	live	live	live		
Montenegro	CRNOGORSKI TELEKOM A.D.	29702	live	live	live	live		
Montenegro	Telenor d.o.o. Podgorica	29701	live	live	live	live		
Montenegro	MTEL d.o.o. Podgorica	29703	live	live	live	live		
Montserrat	Cable & Wireless West Indies	354860	live	live	live	live		
Montserrat	Digicl (Jamaica) Limited	338050	live	live	live	live		
Morocco	Wana Corporate S.A.	60402	live	live	live	live		
Morocco	Orange Maroc	60400	live	live	live	live		
Mozambique	Movitel, SA	64303	live	live	live			
Mozambique	VM, S.A.	64304	live	live	live			
Myanmar	Telenor Myanmar Ltd.	41406	live	live	live			
Netherlands	T-Mobile Netherlands	20416	live	live	live	live	live	live
Netherlands	KPN B.V.	20408	live	live	live	live		live
Netherlands	Vodafone Libertel B.V.	20404	live	live		live	live	live
New Caledonia	Office des Postes et Telecommunications	54601	live	live	live			
New Zealand	Spark New Zealand Trading Limited	53005	live	live	live	live		
New Zealand	Vodafone New Zealand	53001	live	live	live	live		





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Country	Network Provider	MCCMNC	2G	GPRS	3G Data	4G/LTE	NB-IoT	LTE-M
New Zealand	Two Degrees Networks Limited	53024			live	live		
Nigeria	Airtel Networks Limited	62120	live	live	live			
Norway	Telenor Norge AS	24201	live	live	live	live		live
Norway	Telia Norge AS	24202	live	live	live	live	live	
Oman, Sultanate of	Oman Telecommunications Company S.A.O.G.	42202	live	live	live	live		
Palestine	Wataniya Mobile Palestine	42506	live	live	live			
Papua New Guinea	Digicel (PNG) Limited	53703	live	live	live	live		
Paraguay	Telefonica Celular del Paraguay S.A. (Telecel)	74404	live	live	live			
Paraguay	Nucleo S.A.	74405			live			
Peru	Telefónica del Peru S.A.A	71606	live	live	live	live		
Peru	Entel Peru S.A.	71617			live	live		
Philippines	Globe Telecom Philippines	51502	live	live	live	live		
Philippines	Smart Communications, Inc.	51503	live	live	live			
Poland	T-Mobile Polska S.A.	26002	live	live	live	live	live	
Poland	Orange Polska S.A.	26003	live	live	live	live		
Poland	Polkomtel Poland	26001	live	live	live	live		
Portugal	Meo - Servicos de Comunicacoes e Multimedia	26806	live	live	live	live		
Portugal	NOS - Comunicações, S.A.	26803		live	live	live		
Portugal	Vodafone Portugal	26801	live	live	live			
Puerto Rico	T-Mobile USA	310260	live	live	live	live	live	
Puerto Rico	AT&T USA	310410			live	live		
Reunion	Orange Reunion	64700	live	live	live	live		
Reunion	TELCO OI	64702	live	live	live			
Romania	Telekom Romania Mobile Communications S.A.	22603	live	live	live	live		



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Country	Network Provider	MCCMNC	2G	GPRS	3G Data	4G/LTE	NB-IoT	LTE-M
Romania	S.C. Orange România S.A.	22610	live	live	live	live		
Russia	PJSC VimpelCom	25099	live	live	live	live		
Russia	Mobile TeleSystems Public Joint Stock Company	25001	live	live	live	live		
Russia	LLC Ekaterinburg	25035	live	live				
Saint Barthelemy	Dauphin Telecom	34008	live	live	live	live		
Saint Kitts & Nevis	Cable & Wireless St Kitts & Nevis	356110	live	live	live	live		
Saint Kitts & Nevis	Digicl (Jamaica) Limited	338050	live	live	live	live		
Saint Lucia	Cable & Wireless (St. Lucia) Limited	358110	live	live	live	live		
Saint Lucia	Digicl (Jamaica) Limited	338050	live	live	live	live		
Saint Martin (French part)	Dauphin Telecom	34008	live	live	live	live		
Saint Vincent and Grenadines	Cable & Wireless West Indies	360110	live	live	live	live		
Saint Vincent and Grenadines	Digicl (Jamaica) Limited	338050	live	live	live	live		
Serbia	VIP Mobile d.o.o.	22005	live	live	live	live		
Serbia	Telenor d.o.o.	22001	live	live	live	live		
Serbia	Telekom Srbija	22003	live	live	live			
Singapore	StarHub Mobile Pte Ltd	52505			live	live		
Sint Maarten (Netherlands Antilles)	Telcell N.V.	36251		live	live			
Slovak Republic	Slovak Telekom, a.s.	23102	live	live	live	live	live	
Slovak Republic	Orange Slovensko A.S	23101	live	live	live	live		
Slovak Republic	O2 Slovakia, s.r.o.	23106	live	live	live	live		
Slovenia	Telekom Slovenije d.d.	29341	live	live	live	live		
Slovenia	A1 Slovenija d.d.	29340	live	live	live	live		
Slovenia	Telemach d. o. o.	29370	live	live	live	live		
South Africa	MTN South Africa	65510	live	live	live	live		



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Country	Network Provider	MCCMNC	2G	GPRS	3G Data	4G/LTE	NB-IoT	LTE-M
South Africa	Vodacom South Africa	65501	live	live	live	live		
South Africa	Telkom South Africa	65502	live	live	live			
Spain	Vodafone España, S.A.U.	21401	live	live	live	live	live	
Spain	Telefonica Moviles Spain	21407	live	live	live	live		
Spain	Orange Espagne S.A.U.	21403	live	live	live	live		
Spain	Xfera Móviles, S.A.	21404			live	live		
Sri Lanka	Dialog Axiata PLC	41302	live	live	live	live		
Suriname	Digicel Suriname N.V.	74603	live	live	live			
Sweden	Telia Company AB	24001	live	live	live	live	live	live
Sweden	Tele2 AB Sweden	24007	live	live	live	live		
Sweden	Telenor Sverige AB	24008	live	live	live	live		
Switzerland	Swisscom (Switzerland) Ltd	22801			live	live	live	live
Switzerland	Sunrise UPC GmbH	22802	live	live	live	live		
Switzerland	Salt Mobile SA	22803	live	live	live	live		
Tahiti (French Polynesia)	Pacific Mobile Telecom	54715	live	live	live	live		
Taiwan	Chungwa Telecom LDM Taiwan	46692			live	live	live	live
Taiwan	Far Eastone Taiwan	46601			live	live		
Taiwan	Taiwan Star Telecom Corporation Limited	46689			live	live		
Taiwan	Taiwan Mobile Co., Ltd.	46697			live	live		
Tanzania	Zanzibar Telecom Public Limited Company	64003	live	live	live			
Tanzania	Viettel Tanzania Limited	64009	live	live	live			
Thailand	Advanced Wireless Network Company	52003	live	live	live	live		
Thailand	True Move H Universal Communication	52004	live	live	live	live		
Thailand	CAT Telecom Public Company	52000			live			



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Country	Network Provider	MCCMNC	2G	GPRS	3G Data	4G/LTE	NB-IoT	LTE-M
Tunisia	Ooredoo Tunisie SA	60503	live	live	live	live		
Tunisia	Orange Tunisie, SA	60501	live	live	live	live		
Turkey	Turkcell Turkey	28601	live	live	live	live		
Turkey	Vodafone Telekomunikasyon A.S.	28602	live	live	live			
Turks and Caicos Islands	Cable and Wireless (TCI) Ltd	376350	live	live	live	live		
Turks and Caicos Islands	Digicl (Jamaica) Limited	338050	live	live	live	live		
Ukraine	Lifecell LLC	25506	live	live	live			
Ukraine	Kyivstar JSC	25503	live	live	live			
United Arab Emirates	Emirates Integrated Telecommunications Company PJSC	42403	live	live	live	live		
Uruguay	ANTEL	74801	live	live	live	live		
US Virgin Islands	T-Mobile USA	310260	live	live	live	live	live	
US Virgin Islands	AT&T USA	310410			live	live		
USA	AT&T USA	310410			live	live		live
USA	T-Mobile USA	310260	live	live	live	live	live	
USA	Alaska Wireless Network LLC	311370	live	live	live	live		
USA	Commnet Wireless LLC	311040	live	live	live			
USA	Union Telephone Company	310020			live			
USA	NE Colorado Cellular, Inc	310450			live			
Uzbekistan	Unitel LLC	43404	live	live	live	live		
Uzbekistan	COSCOM LLC	43405	live	live	live			
Venezuela	Telefonica Venezolana, C.A.	73404	live	live	live			
Vietnam	Viettel Group	45204	live	live	live	live		