

## 接入点设置 (APN setting)

### 阿根廷 (Argentina)

运营商 Operator	APN	用户名 user	密码 password	DNS
CTI	internet.ctimovil.com.ar			动态 dynamic
Personal	gprs.personal.com	【mobile number】	adjj	动态 dynamic

### 澳大利亚 (Australia)

运营商 Operator	APN	用户名 user	密码 password	DNS
Optus	internet			202.139.83.3, 192.65.91.129
澳洲电信 (Telstra)	telstra.internet			139.130.4.4, 203.50.170.2
Three	3netaccess	a	a	202.124.68.130, 202.124.76.66
沃达丰 (Vodafone)	vfinternet.au			192.189.54.33, 210.80.58.3

### 奥地利 (Austria)

运营商 operator	APN	用户名 user	密码 password	DNS
Drei	drei.at			动态 dynamic
Max Online Metro	gprsmetro	GPRS		213.162.64.1, 213.162.64.2
T-Mobile A (Max Online)	gprsinternet	GPRS		213.162.64.1, 213.162.64.2
T-Mobile A (Max Online Business)	business.gprsinternet	GPRS		213.162.64.1, 213.162.64.2
Mobilkom A1	A1.net	gprs@a1plus.at		194.48.124.200, 194.48.139.254
OneNet	web.one.at			194.24.128.100, 194.24.128.102
tele.ring	web	web@telering.at	web	212.95.31.11, 212.95.31.35

## 阿塞拜疆 (Azerbaijan)

运营商 operator	APN	用户名 user	密码 password	DNS
Azercell	internet			动态 dynamic

## 白俄罗斯 (Belarus)

运营商 operator	APN	用户名 user	密码 password	DNS
Velcom	web.velcom.by	web	web	动态 dynamic

## 比利时 (Belgium)

运营商 operator	APN	用户名 user	密码 password	DNS
BASE (Orange)	orangeinternet			-
Mobistar	web.pro.be	mobistar	mobistar	212.65.63.10, 212.65.63.145
Proximus	internet.proximus.be			195.238.2.21, 195.238.2.22

## 巴西 (Brasil)

运营商 operator	APN	用户名 user	密码 password	DNS
Claro	claro.com.br	claro	claro	-
Oi	gprs.oi.com.br			动态 dynamic
TIM	tim.br	tim	tim	-

## 保加利亚 (Bulgaria)

运营商 operator	APN	用户名 user	密码 password	DNS
GloBul	internet.globul.gl	globul		动态 dynamic

## 加拿大 (Canada)

运营商 operator	APN	用户名 user	密码 password	DNS
Microcell	internet.fido.ca	fido	fido	204.92.15.211

## 智利 (Chile)

运营商 operator	APN	用户名 user	密码 password	DNS
Entel PCS	imovil.entelpcs.cl	entelpcs	entelpcs	动态 dynamic
Telefonica Movil	web.tmovil.cl	web	web	200.68.32.180, 200.68.32.181

## 中国 (China)

运营商 operator	APN	用户名 user	密码 password	DNS
中国移动	cmnet			-
中国联通	3gnet			10.0.2.100

## 哥斯达黎加 (Costa Rica)

运营商 operator	APN	用户名 user	密码 password	DNS
IceRegular	iceregular			-

## 克罗地亚 (Croatia)

运营商 operator	APN	用户名 user	密码 password	DNS
T-Mobile	web.htgpr	38591	38591	-
VIPNET Start	gprs0.vipnet.hr	38591	38591	-
VIPNET Pro	gprs5.vipnet.hr	38591	38591	-
VIPNET 3G	3g.vip.hr	38591	38591	-

## 捷克共和国 (Czech Republic)

运营商 operator	APN	用户名 user	密码 password	DNS
Cesky Mobil (contract)	internet			212.67.64.2
Cesky Mobil (prepaid)	cinternet			212.67.64.2
Eurotel (contract)	internet			160.218.10.200, 160.218.43.200
Eurotel Go	gointernet			160.218.10.201, 194.228.2.1

Paegas Internet	internet.click.cz			62.141.0.1, 62.141.0.2
Telefonica (contract)	internet			160.218.10.200, 160.218.43.200
Telefonica (Go)	gointernet			160.218.10.201, 194.228.2.1
T-Mobile	internet.t-mobile.cz			62.141.0.1, 62.141.0.2
Vodafone (contract)	internet			217.77.161.130 , 217.77.161.131
Vodafone (pre-pay)	ointernet			217.77.161.130, 217.77.161.131

## 丹麦 (Denmark)

运营商 operator	APN	用户名 user	密码 password	DNS
3				-
Orange DK	web.orange.dk			212.97.206.131, 212.97.206.161
Sonofon				212.88.64.14, 212.88.64.15
TDC	internet			193.162.146.9, 193.162.153.31

## 多米尼加共和国 (Dominican Republic)

运营商 operator	APN	用户名 user	密码 password	DNS
Orange	orangenet.com.do			-

## 埃及 (Egypt)

运营商 operator	APN	用户名 user	密码 password	DNS
Click Vodafone	internet.vodafone.net	internet	internet	-
MobiNil	mobilnilweb			-

## 爱沙尼亚 (Estonia)

运营商 operator	APN	用户名 user	密码 password	DNS
EMT	internet.emt.ee			217.71.33.200, 217.71.32.20

RLE	internet			-
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## 芬兰 (Finland)

运营商 operator	APN	用户名 user	密码 password	DNS
Dna	internet			217.78.192.78, 217.78.192.22
Elisa	internet	rlnet	internet	193.229.0.40, 193,229,0,42
Radiolinja	internet	rlnet	internet	213.161.33.200, 193.185.210.10
Sonera	internet			192.89.123.230, 192.89.123.231
Song	internet.song.fi	song@internet	songnet	-

## 法国 (France)

运营商 operator	APN	用户名 user	密码 password	DNS
Bouygues	ebouygtel.com			62.201.129.99, 62.201.159.99
Bouygues (B2Bouygtel)	b2bouygtel.com			62.201.129.99
Orange	orange.fr	orange	orange	194.051.003.056, 194.051.003.076
Orange MIB	orange-mib	mportail	mib	- (代理服务器 172.16.2.8:8000)
SFR	websfr			172.20.2.10, 194.6.128.4

## 德国 (Germany)

运营商 operator	APN	用户名 user	密码 password	DNS
E-Plus	internet.eplus.de	eplus	gprs	212.023.97.2, 212.23.97.3
O2 (GPRS)	internet			195.182.096.28, 195.182.96.61
O2 (3G)	surfo2			62.134.11.4,

				195.182.110.132
T-Mobile	internet.t-d1.de	td1	gprs	193.254.160.1
沃达丰 (Vodafone)	web.vodafone.de	[any]	[any]	139.7.30.125, 139.7.30.126

## 加纳 (Ghana)

运营商 operator	APN	用户名 user	密码 password	DNS
Areeba	internet.spacefon.com			196.201.34.5, 213.137.131.3

## 希腊 (Greece)

运营商 operator	APN	用户名 user	密码 password	DNS
Cosmote	internet			195.167.065.194
Telestet	gnet.b-online.gr	Mobile number	24680	212.152.79.19, 212.152.79.20
TIM	gint.b-online.gr	web	web	-
Vodafone GR	internet.vodafone.gr			213.249.17.10, 213.249.17.11

## 香港 (Hong Kong)

运营商 operator	APN	用户名 user	密码 password	DNS
CSL	hkcs1 or internet			202.84.255.1, 203.116.254.150
New World	internet			-
Orange	web.orangehk.com			-
People	internet			-
SmarTone	internet			202.140.96.51, 202.140.96.52
Sunday	internet			-
Three	web-g.three.com.hk			-

## 匈牙利 (Hungary)

运营商 operator	APN	用户名 user	密码 password	DNS
Pannon (contract)	net			193.225.155.254, 194.149.0.157
Pannon (flat rate)	netx			193.225.155.254, 194.149.0.157
Pannon (compressed)	snet			193.225.155.254, 194.149.0.157
Vodafone (contract, compressed)	internet.vodafone.net			80.244.97.30, 80.244.96.1
Vodafone (contract, uncompressed)	standardnet.vodafone.net			80.244.97.30, 80.244.96.1
Vodafone (pre-pay, compressed)	vitamax.internet.vodafone.net			80.244.97.30, 80.244.96.1
Vodafone (pre-pay, uncompressed)	vitamax.snet.vodafone.net			80.244.97.30, 80.244.96.1
Westel (contract)	internet			194.176.224.3, 194.176.224.1

## 印度 (India)

运营商 operator	APN	用户名 user	密码 password	DNS
AirTel	airtelgprs.com			-
BPL	bplgprs.com	bplmobile		202.169.145.34, 202.169.129.40
Idea Cellular	internet			10.4.42.15
MTNL Mumbai	gprsmtnlmum	mtnl	mtnl123	-
Orange	portalnmms			10.11.206.51, 10.11.206.50

## 印尼 (Indonesia)

运营商 operator	APN	用户名 user	密码 password	DNS
Excelcomindo	www.xlgprs.net	xlgprs	proxy	202.152.254.245, 202.152.254.246

IM3	www.indosat-m3.net	gprs	im3	-
Indosat	satelindogprs.com			202.152.162.66, 202.152.162.67

## 爱尔兰 (Ireland)

运营商	APN	用户名	密码	DNS
O2 (contract)	open.internet	gprs	gprs	62.40.32.33, 62.40.32.34
O2 (prepaid)	pp.internet	gprs	gprs	62.40.32.33, 62.40.32.34
Vodafone (contract)	isp.vodafone.ie	vodafone	vodafone	-
Vodafone (pre-pay)	live.codafone.com	vodafone	vodafone	10.24.59.100

## 冰岛 (Iceland)

运营商 operator	APN	用户名 user	密码 password	DNS
Orange	internet			动态 dynamic

## 以色列 (Israel)

运营商 operator	APN	用户名 user	密码 password	DNS
Cellcom	internetg			-
MTC-Vodafone	apn01			10.10.10.30
Orange	internet			-

## 意大利 (Italy)

运营商 operator	APN	用户名 user	密码 password	DNS
Blu (Contratto)	INTERNET			212.17.192.49, 212.17.192.209
Blu (Prepagata)	PINTERNET			212.17.192.49, 212.17.192.49
H3G	tre.it			-
Vodafone (Omnitel)	web.omnitel.it			83.224.65.134
TIM	ibox.tim.it			213.230.155.94, 213.230.130.222
Wind	internet.wind			212.245.255.2



## 日本 (Japan)

运营商 operator	APN	用户名 user	密码 password	DNS
Vodafone (J-Phone)	vodafone	ai@vodafone	vodafone	61.195.195.153, 61.195.194.26

## 哈萨克斯坦 (Kazakhstan)

运营商	APN	用户名	密码	DNS
Beeline	internet.beeline.kz	internet.beeline		212.19.149.53, 194.226.128.1

## 拉脱维亚 (Latvia)

运营商 operator	APN	用户名 user	密码 password	DNS
LMT	internet.lmt.lv			212.93.96.2, 212.93.96.4
Tele2	internet.tele2.lv	gprs	internet	-

## 黎巴嫩 (Lebanon)

运营商 operator	APN	用户名 user	密码 password	DNS
Cellis FTML	internet.ftml.com.lb	plugged	plugged	动态 DYNAMIC

## 立陶宛 (Lithuania)

运营商 operator	APN	用户名 user	密码 password	DNS
Bite GSM	banga			213.226.131.131, 193.219.32.13
Omnitel (contract)	gprs.omnitel.net			194.176.32.129, 195.22.175.1
Omnitel (no contract)	gprs.startas.lt	omni	omni	-

## 卢森堡 (Luxembourg)

运营商 operator	APN	用户名 user	密码 password	DNS
LUXGSM	web.pt.lu			194.154.192.101, 194.154.192.102
Tango	internet	tango	tango	-

VOXmobile	vox.lu			212.88.139.12, 212.88.139.11
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## 马来西亚 (Malaysia)

运营商 operator	APN	用户名 user	密码 password	DNS
DIGI	diginet			203.92.128.131, 203.92.128.132
Maxis	internet.gprs.maxis			202.75.129.101, 10.216.4.21
Timecel	timenet.com.my			203.121.16.85, 203.121.16.120
TM Touch	internet			202.188.0.133

## 马耳他 (Malta)

运营商 operator	APN	用户名 user	密码 password	DNS
Go Mobile (contract)	gosurfing			-
Go Mobile (pre.pay)	rtgsurfing			-

## 墨西哥 (Mexico)

运营商 operator	APN	用户名 user	密码 password	DNS
Telcel	internet.itelcel.com	webgprs	webgprs2002	-

## 摩尔达维亚 (Moldavia)

运营商 operator	APN	用户名 user	密码 password	DNS
Moldcell	internet	gprs	gprs	-

## 荷兰 (Netherlands)

运营商 operator	APN	用户名 user	密码 password	DNS
KPN Mobile	internet	KPN	gprs	62.133.126.28, 62.133.126.29
O2	internet			-

Telfort	internet	telfortnl	password	-
T-Mobile (Ben) active	internet-act			193.79.251.39, 193.79.237.39
Vodafone (normal)	web.vodafone.nl	vodafone	vodafone	-
Vodafone (business)	office.vodafone.nl	vodafone	vodafone	-

## 新西兰 (New Zealand)

运营商 operator	APN	用户名 user	密码 password	DNS
沃达丰 (Vodafone)	www.vodafone.net.nz			202.20.93.10, 203.97.191.189

## 尼日利亚 (Nigeria)

运营商 operator	APN	用户名 user	密码 password	DNS
Globacom	gprs	wap		-

## 挪威 (Norway)

运营商 operator	APN	用户名 user	密码 password	DNS
Telenor Mobil	internet		1111	212.17.131.3
Netcom	internet.netcom.no			212.45.118.43, 212.45.118.44

## 巴基斯坦 (Pakistan)

运营商 operator	APN	用户名 user	密码 password	DNS
Ufone	ufone.internet	ufone	ufone	动态 dynamic

## 巴拿马 (Panama)

运营商 operator	APN	用户名 user	密码 password	DNS
Cablw & Wireless	apn01.cwpanama.com.pa	xxx	xxx	172.25.3.5

## 秘鲁 (Peru)

运营商 operator	APN	用户名 user	密码 password	DNS
Claro (TIM)	tim.pe	tim	tulibertad	-

## 菲律宾 (Philippines)

运营商 operator	APN	用户名 user	密码 password	DNS
Globe Telecoms	internet.globe.com.ph	globe	globe	203.127.225.10, 203.127.225.11
Smart	internet	witsductoor	banonoy	202.57.96.3, 202.57.96.4
Sun Cellular	minternet			

## 波兰 (Poland)

运营商 operator	APN	用户名 user	密码 password	DNS
ERA	erainternet	erainternet	erainternet	213.158.194.1, 213.158.193.38
Heyah	heyah.pl	heyah	heyah	213.158.194.1, 213.158.193.38
Idea	www.idea.pl	idea	idea	194.9.223.79, 194.204.159.1
Orange	internet	internet	internet	194.204.159.1, 194.9.223.79
Polkomtel	www.plusgsm.pl			212.2.96.51, 212.2.96.52

## 葡萄牙 (Portugal)

运营商 operator	APN	用户名 user	密码 password	DNS
Optimus	internet			194.79.69.129
TMN	internet			194.65.3.20, 194.65.3.21
Vodafone PT	internet.vodafone.pt			212.18.160.133, 212.18.160.134

## 罗马尼亚 (Romania)

运营商 operator	APN	用户名 user	密码 password	DNS
Connex (Vodafone)	internet.connex.ro	internet.connex.ro	connex	193.230.161.3, 193.230.161.4
Orange	internet			172.22.7.21, 172.22.7.20

## 俄罗斯 (Russia)

运营商 operator	APN	用户名 user	密码 password	DNS
BeeLine	internet.beeline.ru	beeline	beeline	194.190.195.66, 194.190.192.34
Megafon (dv)	internet.dv			83.149.52.66, 194.186.112.18
Megafon (kvk)	internet.kvk			83.149.24.244, 62.183.50.230
Megafon (Itmsk)	internet.Itmsk			10.22.10.20, 10.22.10.21
Megafon (mc)	internet.mc			81.18.129.252
Megafon (NWGSM)	internet.nw			-
Megafon (Siberia)	internet.sib			81.18.129.252
Megafon (UGSM)	internet.ugsm			83.149.32.2, 83.149.33.2
Megafon (usi)	internet.usi.ru			212.120.160.130, 195.42.152.34
Megafon (Volga)	internet.volga			83.149.16.7, 195.128.128.1
Motiv (uses BeeLine)	internet.beeline.ru	beeline	beeline	217.118.66.243, 217.118.66.244
MTS	internet.mts.ru	mts	mts	213.87.0.1, 213.87.1.1
NCC	internet	ncc	[supplied]	10.0.3.5, 10.0.3.2
NTC	internet.ntc			80.243.64.67, 80.243.68.34
PrimTel	internet.primtel.ru			-

## 圣卢西亚 (Saint Lucia)

运营商 operator	APN	用户名 user	密码 password	DNS
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Cable & Wireless	internet			-
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### 塞黑 (Serbia-Montenegro)

运营商 operator	APN	用户名 user	密码 password	DNS
Mobtel Srbija	internet	mobtel	gprs	217.65.192.1
Telekom Srbija	gprsinternet	mts	064	195.178.38.3

### 新加坡 (Singapore)

运营商 operator	APN	用户名 user	密码 password	DNS
M1	mobilenet			202.79.64.21, 202.79.64.26
SingTel	internet			165.21.100.88, 165.21.83.88
Starhub	shwapint			203.116.1.78, 203.116.254.150

### 斯洛伐克 (Slovakia)

运营商 operator	APN	用户名 user	密码 password	DNS
Eurotel	internet			-
Globtel	internet			213.151.200.3, 195.12.140.130
Orange	internet			-

### 斯洛伐克 (Slovenia)

运营商 operator	APN	用户名 user	密码 password	DNS
Mobitel (Internet)	internet	mobitel	internet	193.189.160.11, 213.229.248.161
Mobitel (Internet Pro)	internetpro	mobitel	internet	193.189.160.11, 213.229.248.161
Simobil	internet.si.mobil			121.30.86.130, 193.189.160.11

### 南非 (South Africa)

运营商 operator	APN	用户名 user	密码 password	DNS
Cell-C	internet			168.210.2.2, 196.14.239.2

MTN	internet			196.11.240.241
Vodacom	internet			-

## 西班牙 (Spain)

运营商 operator	APN	用户名 user	密码 password	DNS
Amena	internet	CLIENTE	AMENA	213.143.33.8, 213.143.32.20
Telefonica (Movistar)	movistar.es	movistar	movistar	194.179.001.100, 194.179.001.101
Vodafone (Airtel)	airtelnet.es	vodafone	vodafone	212.73.32.3, 212.73.32.67

## 瑞典 (Sweden)

运营商 operator	APN	用户名 user	密码 password	DNS
Tele2, Comviq	isplnk1.swip.net	gprs	internet	-
Telia	online.telia.se			10.0.0.1, 10.0.0.2
Tre (3G)	data.tre.se	void	void	-
Vodafone (GPRS)	internet.vodafone.net			-
Vodafone (3G)	services.vodafone.net			-

## 瑞士 (Switzerland)

运营商 operator	APN	用户名 user	密码 password	DNS
Orange CH	internet			213.55.128.1, 213.55.128.2
Sunrise	internet	internet	internet	212.35.35.35, 212.35.35.5
Swisscom	gprs.swisscom.ch			164.128.36.34, 164.128.76.39

## 台湾 (Taiwan)

运营商 operator	APN	用户名 user	密码 password	DNS
Chunghwa Telekom	emome or internet			10.1.1.1
Far EasTone	fetnet01			210.241.199.199
KG Telecom	internet			-

Taiwan Cellular	internet			-
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## 泰国 (Thailand)

运营商 operator	APN	用户名 user	密码 password	DNS
AIS	internet			202.183.255.20, 202.183.255.21
DTAC	www.dtac.co.th			203.155.33.1, 203.44.144.33

## 土耳其 (Turkey)

运营商 operator	APN	用户名 user	密码 password	DNS
Aycell	aycell			212.156.4.1, 212.156.4.4
Telsim	telsim	telsim	telsim	-
Turkcell	internet	gprs	gprs	212.252.168.240, 212.252.119.4

## 阿联酋 (UAE)

运营商 operator	APN	用户名 user	密码 password	DNS
Etisalat	mnet	mnet	mnet	-

## 英国 (UK)

运营商 operator	APN	用户名 user	密码 password	DNS
Jersey Telecom	pepper	abc	abc	212.9.0.135, 212.9.0.135
O2 (contract)	mobile.o2.co.uk	web	password	193.113.200.200, 193.113.200.201
O2 (contract, faster)	mobile.o2.co.uk	faster	password	193.113.200.200, 193.113.200.201
O2 UK (pre-pay)	payandgo.o2.co.uk	payandgo	payandgo	-
Orange (pay monthly)	orangeinternet	user	pass	158.43.192.1, 158.143.128.1
Orange (Pay and Go)	orangewap	Multimedia	Orange	158.43.192.1, 158.143.128.1



T-Mobile	general.t-mobile.uk	user	pass	-
Virgin Mobile	goto.virginmobile.com	user		-
Vodafone (contract)	internet	web	webs	-

## 乌克兰 (Ukraine)

运营商 operator	APN	用户名 user	密码 password	DNS
Djuice	www.djuice.com.ua	igprs	igprs	-
Jeans	www.jeans.ua			80.255.64.23, 80.255.64.24
Kyivstar	www.kyivstar.ua	igprs	internet	-
Mobi-GSM	internet.urs			213.186.192.254, 193.239.128.5

## 乌拉圭 (Uruguay)

运营商 operator	APN	用户名 user	密码 password	DNS
ANCEL	gprs.ancel			200.40.30.245, 200.40.220.245

## 美国 (USA)

运营商 operator	APN	用户名 user	密码 password	DNS
Cingular	isp.cingular	isdpa@cingulargprs.com	CINGULAR1	66.209.10.201, 66.209.10.202
T-Mobile (Internet)	internet2.voicestream.com			216.155.175.105, 216.155.175.106

## 乌兹别克斯坦 (Uzbekistan)

运营商 operator	APN	用户名 user	密码 password	DNS
Uzdunrobita	net.urd.uz	user	pass	-

## 委内瑞拉 (Venezuela)

运营商 operator	APN	用户名 user	密码 password	DNS
Digitel TIM	gprsweb.digitel.ve			-



**M2M** *Communication Experts*

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