

Supported Protocols and Applications

List of Supported Protocols

The following list includes all supported protocols (in bold) and the most important applications using these protocols.

The most up-to-date version of this protocol list and more information about ipoque's products and future developments is shown on our Web site www.ipoque.com.

Changing Protocols

ipoque is able to detect traffic based on a combination of deep packet inspection (DPI) and behavioral analysis. The ipoque detection is very reliable. It is impossible to determine exact misclassification rates for real network traffic. Most of the protocols are proprietary. In theory it is possible to change the protocol so it cannot be detected any longer. But every provider of a protocol has compatibility constraints so they are not fully free to change their protocol at will. On the other hand, there is no guarantee that the specific protocol can be blocked in the future. In the past it took ipoque no more than four days to update a signature after a new version of a protocol had been released.

Regular Updates

A regular firmware update service is available to ensure the continuing effectiveness of the protocol signatures. Every customer with a valid support contract gets an account on ipoque's support server. As soon as an update is available, ipoque or the sales partner sends out a notice via email. Every customer can then download and install the update.

Supported Protocols and Applications

Peer-to-Peer (P2P)

AppleJuice	Halite	DC++	Freenet	iMesh
Ares	KTorrent	dc_gui	Gnutella	KaZaa / Fasttrack
Ares	LimeWire	dctc	Acquisition	Apollon
KCEasy	Localhost	Dolda Connect	AqLite	Grokster
BitTorrent (encrypted and unencrypted)	MLDonkey	Elise	Apollon	Kazaa
ABC	MonoTorrent	fulDC	Cabos	Kazaa Lite
Acquisition	MooPolice	GtkDC	CocoGnut	KCEasy
Anatomic P2P	Opera	Idcc	DM2	MLDonkey
Arctic Torrent	Qbittorrent	LinuxDC++	FrostWire	Manolito
Azureus / Vuze	QTorrent	microdc	giFT	Blubster
BitComet	rTorrent	microdc2	Gnucleus	Manolito
BitFlu	Rufus	oDC	Gtk-gnutella	Piolet
BitLord	Shareaza	Revconnect	Gluz	Mute
BitPump	sharktorrent	SababaDC	KCeasy	OFF
Bits on Wheels	SymTorrent	ShakesPeer	Kiwi Alpha	Pando
BitSpirit	Tomato Torrent	StrongDC++	LimeWire	SoulSeek
BitTornado	TorrentFlux	Valknut	MLDonkey	SoulSeek
BitTorrent / Mainline	TorrentSpy	eDonkey	Morpheus	pySoulSeek
BitTyrant	Torrent Swapper	aMule	Mutella	Thunder / Webthunder
Blizzard Downloader	TorrentVolve	eDonkey2000	Phex	WinMX
Blog Torrent - BTG	Transmission	eMule and its Mods	Poisoned	Winy
BitManager	Turbo Torrent	obfuscated eMule ext.	Qtella	XDCC
BTSharp	µTorrent	eMule Plus	Shareaza	XDCC Catcher
burst!	WizBit	Hydranode	Swapper.NET	XDCC Fetcher
CTorrent	XTorrent	Jubster	Symella	XDCC Klipper
Deluge	ZipTorrent	Lphant	XFactor	
FlashGet	DirectConnect	MLDonkey	XNap	
freeloader	ApexDc++	Morpheus	XoloX	
G3 Torrent	BCDC++	Shareaza	iMesh	
Gnome BitTorrent	CZDC	xMule	BearFlix	
	DC#	Filetopia	BearShare	

Instant Messaging (IM)

Gadu-Gadu IRC PoPo QQ	Jabber/Google Talk Gaim Google Talk Kopete Miranda Trillian / Trillian Pro	MSN Gaim Kopete Miranda original MSN client Trillian / Trillian Pro	Oscar AIM Gaim ICQ Kopete Miranda Trillian / Trillian Pro	Yahoo Gaim original Yahoo client Kopete Miranda Trillian / Trillian Pro
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Voice over IP (VoIP)/ Skype

H.323 Ekiga NetMeeting OpenH.323 XMeeting IAX Diax Firefly IAXComm IAXPhone Idefisk Kiax LoudHush PURtel YakaPhone ZiaxPhone MGCP	SIP Ekiga Gizmo OpenWengo SipGate Twinkle Vonage XMeeting Skinny Skype Skype v2.0.0.43 Skype v2.0.0.63 Skype v2.0.0.69 Skype v2.0.0.73 Skype v2.0.0.76 Skype v2.0.0.79 Skype v2.0.0.81 Skype v2.0.0.90 Skype v2.0.0.97 Skype v2.0.0.103	Skype v2.0.0.105 Skype v2.0.0.107 Skype v2.5.0.72 Skype v2.5.0.82 Skype v2.5.0.91 Skype v2.5.0.113 Skype v2.5.0.122 Skype v2.5.0.126 Skype v2.5.0.130 Skype v2.5.0.137 Skype v2.5.0.141 Skype v2.5.0.146 Skype v2.5.0.151 Skype v2.5.0.154 Skype v2.6.0.67 Skype v2.6.0.74 Skype v2.6.0.81 Skype v2.6.0.97 Skype v2.6.0.103 Skype v2.6.0.105	Skype v3.0.0.106 Skype v3.0.0.123 Skype v3.0.0.137 Skype v3.0.0.154 Skype v3.0.0.190 Skype v3.0.0.198 Skype v3.0.0.205 Skype v3.0.0.209 Skype v3.0.0.214 Skype v3.0.0.216 Skype v3.0.0.217 Skype v3.0.0.218 Skype v3.1.0.112 Skype v3.1.0.144 Skype v3.1.0.150 Skype v3.1.0.152 Skype v3.2.0.53 Skype v3.2.0.63 Skype v3.2.0.82 Skype v3.2.0.115	Skype v3.2.0.145 Skype v3.2.0.148 Skype v3.2.0.152 Skype v3.2.0.158 Skype v3.2.0.163 Skype v3.2.0.175 Skype v3.5.0.107 Skype v3.5.0.158 Skype v3.5.0.178 Skype v3.5.0.202 Skype v3.5.0.214 Skype v3.5.0.229 Skype v3.5.0.234 Skype v3.5.0.239 Skype v3.6.0.115 Skype v3.6.0.127 Skype v3.6.0.159 Skype v3.6.0.248 Skype v3.8.0.96
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Standard Protocols

Citrix BGP DHCP DNS EGP FTP HTTP ICMP IGMP IMAP NFS NTP OSPF POP3 RDP SMB/CIFS SMTp	SSDP Telnet Usenet VNC Direct Download Link (DDL) 4shared.com badongo.com badongo.net bestsharing.com bigfilez.com chinamofile.com depositfiles.com easy-share.com filearchiv.ru filecloud.com filefactory.com filefront.com	fileho.com filehost.tv filesafe.to filesend.net files.to files-upload.com file-upload.net file-upload.to fileupyours.com ftp2share.com gigasize.com gigashare.com ifolder.ru keepmyfile.com livedepot.net live-share.com mediafire.com	megashare.com megashares.com megaupload.com mofile.com mofile.net mytempdir.com quicksharing.com rapidshare.com rapidshare.de rapidupload.com savefile.com sendmefile.com sendspace.com sharebee.com sharebig.com sharebigfile.com sharebigflie.com	simpleupload.net speedshare.org turboupload.com ultrashare.de up-file.com uploaded.to uploading.com uploadingit.com uploadpower.com uploadyourfiles.de wiiupload.net yourfilehost.com yourfiles.biz zshare.net
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Streaming Protocols

AVI Feidian Flash* clipfish.de myspace.com myvideo.de youporn.com youtube.com etc.	Joost up to version 0.10.9 MMS MPEG OGG ORB PPLive PPStream	QQLiveMedia QQLivePlayer QuickTime Real Media Stream RTP RTSP SCTP	Slingbox SopCast TVAnts TVUPlayer UUSee Vcast Windows Media Stream	Zattoo
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* site-embedded flash content

Tunnel Protocols

SSL HTTPS IMAPS POP3S SMTPS Stunnel	GRE HamachiVPN IPSEC	OpenVPN SoftEthernet SSH	TOR VPN VPN-X	VTun
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Gaming Protocols

Halfife2 and Mods	Steam	World of Warcraft	XBOX
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