

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

Ares
Ares
KCEasy
BitTorrent (encrypted and unencrypted)
ABC
Acquisition
Anatomic P2P
Arctic Torrent
Azureus / Vuze
BitComet
BitFlu
BitLord
BitPump
Bits on Wheels
BitSpirit
BitTornado
BitTorrent / Mainline
BitTyrant
Blizzard Downloader
Blog Torrent - BTG
BitManager
BTSharp
burst!
CTorrent
Deluge
FlashGet
freeloader
G3 Torrent
Gnome BitTorrent

Halite
KTorrent
LimeWire
Localhost
MLDonkey
MonoTorrent
MooPolice
Opera
Qbittorrent
QTorrent
rTorrent
Rufus
Shareaza
sharktorrent
SymTorrent
Tomato Torrent
TorrentFlux
TorrentSpy
Torrent Swapper
TorrentVolve
Transmission
Turbo Torrent
µTorrent
WizBit
XTorrent
ZipTorrent
DirectConnect
ApexDc++
BCDC++
CZDC
DC#

DC++
dc_gui
dctc
Dolda Connect
Elise
fulDC
GikDC
Idcc
LinuxDC++
microdc
microdc2
oDC
Revconnect
SababaDC
ShakesPeer
StrongDC++
Valknut
eDonkey
aMule
eDonkey2000
eMule and its Mods
obfuscated eMule ext.
eMule Plus
Hydranode
Jubster
Lphant
MLDonkey
Morpheus
Shareaza
xMule
Filetopia

Freenet
Gnutella
Acquisition
AcqLite
Apollon
Cabos
CocoGnut
DM2
FrostWire
giFT
Gnucleus
Gik-gnutella
Gluz
KCeasy
Kiwi Alpha
LimeWire
MLDonkey
Morpheus
Mutella
Phex
Poisoned
Qtella
Shareaza
Swapper.NET
Symella
XFactor
XNap
XoloX
iMesh
BearFlix
BearShare

iMesh
KaZaa / Fasttrack
Apollon
Grokster
Kazaa
Kazaa Lite
KCeasy
MLDonkey
Manolito
Blubster
Manolito
Piolet
Mute
OFF
Pando
SoulSeek
SoulSeek
pySoulSeek
Thunder / Webthunder
WinMX
Windy
XDCC
XDCC Catcher
XDCC Fetcher
XDCC Klipper

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

DHCP DNS EGP FTP HTTP ICMP IGMP IMAP NFS NTP POP3 SMB/CIFS SMTD 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 filepost.ru filer.net	filesafe.to filesend.net files.to files-upload.com file-upload.net fileupload.to fileuoyours.com ftp2share.com gigabyte.com gigeshare.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 sharebigfile.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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