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# List of protocols



- Built-in protocols** — updated along with the SSG software version. Installing a new version requires a DPI reboot, which causes traffic interruption. If needed, they can be supplemented with up-to-date attributes from the VAS Cloud. This is only necessary for complex protocols, but the option is available for all.
- Cloud protocols** created by VAS Experts — are periodically updated from the VAS Cloud. This ensures that popular applications remain up-to-date as their behavior changes.
- Custom (user-defined) protocols** — protocols created by users via the GUI using VAS Cloud tools. These have higher priority than those loaded from the VAS Cloud, and within them, IP:PORT takes precedence over IP and CIDR. It is possible to add a protocol based on IP, SNI, or AS. [Guide](#).

 

Protocol	ID	DPI version	Protocol group	Protocol type	Update	Description
multiproxy	54338	12.2	VPN	Cloud	2026-04-15	A VPN tool providing multiple proxy connections for anonymity and privacy.
tor_cl	54439	12.2	VPN	Cloud	2026-04-15	
tunnelbearvpn	54332	12.2	VPN	Cloud	2026-04-15	A user-friendly VPN with a free plan offering limited data and a strong focus on privacy.
SPEEDTEST	49261	11.0	Web browsing	Built-in	2026-04-15	Protocol or tool used for measuring network connection speed, often using HTTP/HTTPS.
lantern	54329	12.2	VPN	Cloud	2026-04-15	A lightweight VPN designed to bypass censorship and geo-restrictions, primarily focused on accessing blocked content.

jitsi_cl	54298	12.2	Video conference platforms	Cloud	2026-04-15	Jitsi is an open-source platform that provides video conferencing, VoIP, and instant messaging capabilities.
TELEGRAM_TLS	49234	11.0	Instant messengers	Built-in	2026-04-15	Telegram_TLS runs over HTTPS using MProto wrapped in TLS for extra confidentiality.
cat_vpn	54481	12.2	VPN	Cloud	2026-04-15	
azarlive	49307	13.2-BETA6	Social networks	Built-in	2026-04-15	A video chat app that connects users with random strangers for live, face-to-face conversations.
protonvpn	54328	12.2	VPN	Cloud	2026-04-15	A privacy-focused VPN service offering secure browsing with a commitment to no-logs.
xvpn	54346	12.2	VPN	Cloud	2026-04-15	A VPN that provides encrypted internet access and protection from tracking.
privatevpn	54363	12.2	VPN	Cloud	2026-04-15	A simple, secure VPN service designed for privacy with a focus on ease of use.
viber_cl	54400	12.2	Instant messengers	Cloud	2026-04-15	Viber_CL manages client sync and presence updates in the Viber messaging app.
cyberghostzenmatevpn	54333	12.2	VPN	Cloud	2026-04-15	CyberGhost VPN and ZenMate VPN combined, providing strong privacy protection and fast browsing.
freevpnplanet_vpn	54483	12.2	VPN	Cloud	2026-04-15	
windscribvpn	54350	12.2	VPN	Cloud	2026-04-15	A VPN service offering free and paid plans, with strong encryption and privacy features.

YOUTUBE	49227 11.1	Video, pictures	Built-in	2026-04-15	YouTube uses QUIC, HTTPS, and DASH protocols to securely stream adaptive bitrate video content globally.
google	54385 12.2	Network services	Cloud	2026-04-15	A protocol potentially tied to Google services, specifics unclear, web-related.
tiktok_cl	54351 12.2	Video, pictures	Cloud	2026-04-15	TikTok_CL refers to encrypted TikTok client-to-server interaction for personalized video streams.
alohavpn	54354 12.2	VPN	Cloud	2026-04-15	A simple VPN solution designed for user privacy and fast browsing.

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