

AZORult spreads as a fake ProtonVPN installer

By Dmitry Bestuzhev

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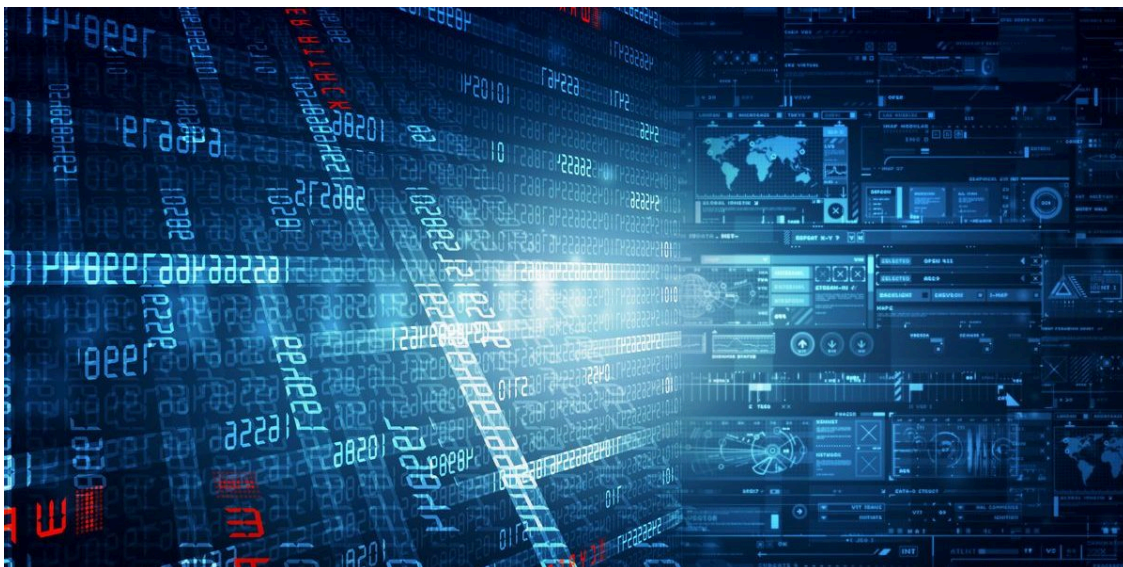


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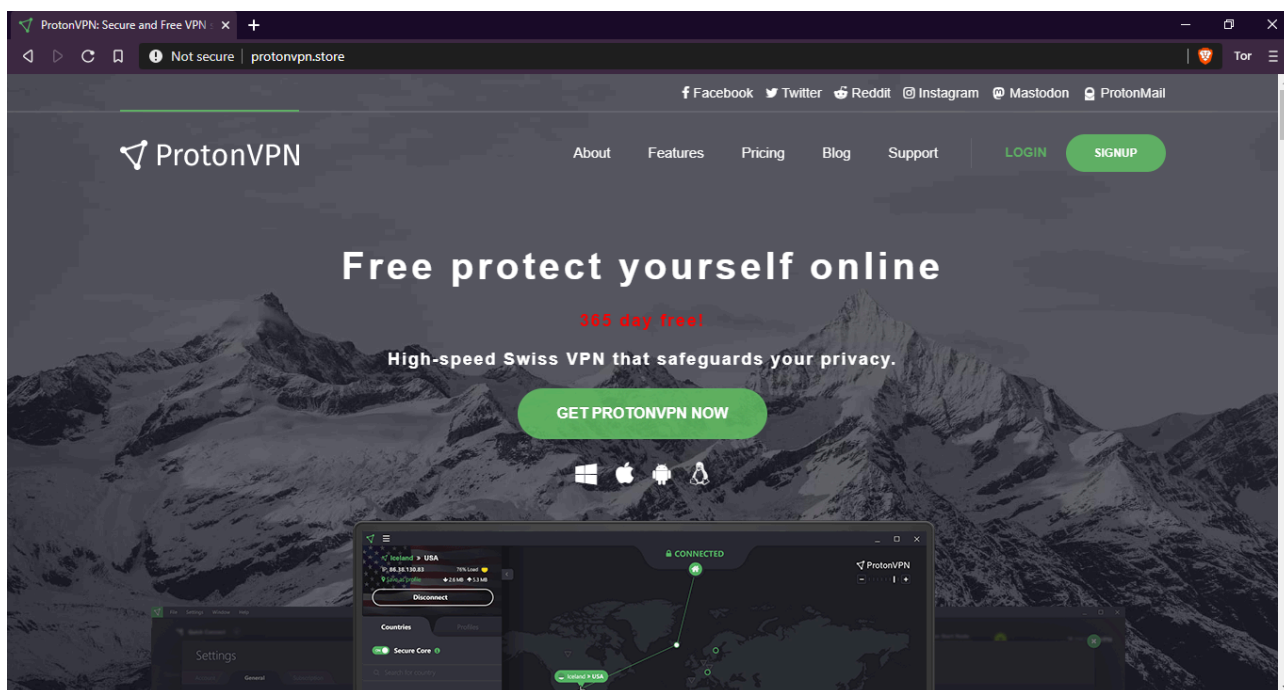
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18 Feb 2020

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[AZORult](#) has its history. However, a few days ago, we discovered what appears to be one of its most unusual campaigns: abusing the ProtonVPN service and dropping malware via fake ProtonVPN installers for Windows.



Screenshot of a fake ProtonVPN website

The campaign started at the end of November 2019 when the threat actor behind it registered a new domain under the name **protonvpn[.]store**. The Registrar used for this campaign is from Russia.

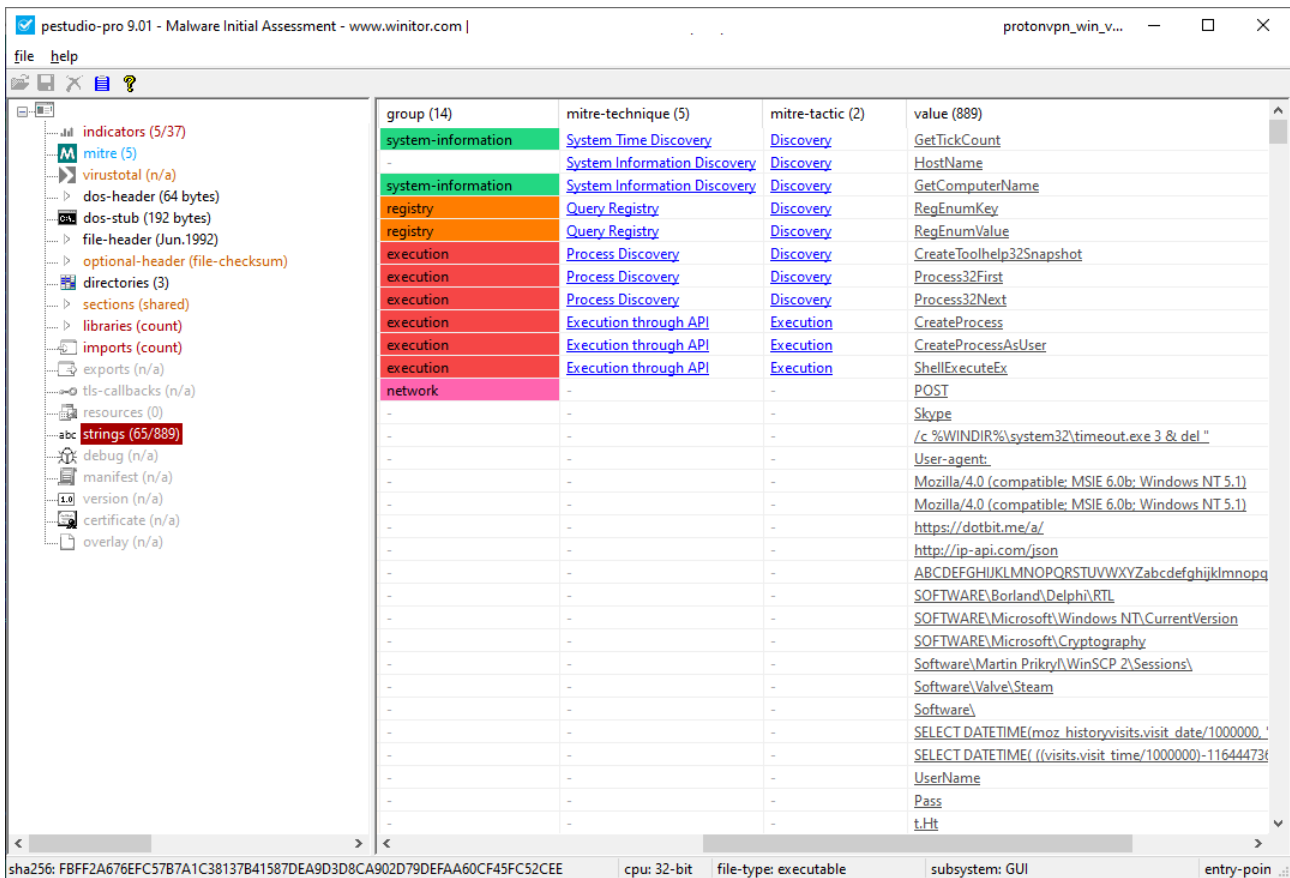
We have found that at least one of the infection vectors is through affiliation banners networks ([Malvertising](#)).

When the victim visits a counterfeit website and downloads a fake ProtonVPN installer for Windows, they receive a copy of the Azorult botnet implant.


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In their greed, the threat actors have designed the malware to steal cryptocurrency from locally available wallets (Electrum, Bitcoin, Ethereum, etc.), FTP logins and passwords from FileZilla, email credentials, information from locally installed browsers (including cookies), credentials for WinSCP, Pidgin messenger and others.



We have been able to identify a few samples associated with the campaign:

Filename	MD5 hash
ProtonVPN_win_v1.10.0.exe	cc2477cf4d596a88b349257cba3ef356
ProtonVPN_win_v1.11.0.exe	573ff02981a5c70ae6b2594b45aa7caa
ProtonVPN_win_v1.11.0.exe	c961a3e3bd646ed0732e867310333978
ProtonVPN_win_v1.11.0.exe	2a98e06c3310309c58fb149a8dc7392c
ProtonVPN_win_v1.11.0.exe	f21c21c2fceac5118ebf088653275b4f
ProtonVPN_win_v1.11.0.exe	0ae37532a7bbce03e7686eee49441c41
Unknown	974b6559a6b45067b465050e5002214b

Kaspersky products detect this threat as HEUR:Trojan-PSW.Win32.Azorult.gen

HUNT APTs with YARA

Best practices by Costin Raiu, Kaspersky

Live online on Mar 31, 14:00 GMT



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Kaspersky researchers analyze updated CoolClient backdoor and new tools and scripts used in HoneyMyte (aka Mustang Panda or Bronze President) APT campaigns, including three variants of a browser data stealer.

Kaspersky discloses a 2025 HoneyMyte (aka Mustang Panda or Bronze President) APT campaign, which uses a kernel-mode rootkit to deliver and protect a ToneShell backdoor.

Kaspersky GReAT experts analyze the Evasive Panda APT's infection chain, including shellcode encrypted with DPAPI and RC5, as well as the MgBot implant.

Kaspersky expert describes new malicious tools employed by the Cloud Atlas APT, including implants of their signature backdoors VBShower, VBCloud, PowerShower, and CloudAtlas.

Source: <https://securelist.com/azorult-spreads-as-a-fake-protonvpn-installer/96261/>