

EternityTeam: a new prominent threat group on underground forums

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This blog post on EternityTeam originally came from a FLINT ([Sekoia.io](https://sekoia.io) Flash Intelligence) report sent to our clients on April 12, 2022.

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During our monitoring of Dark Web cybercrime forums, we came across **EternityTeam**: a new active and organized threat group that is developing and advertising several malware. We have identified different pieces of malware related to this group: Eternity Stealer, Eternity Worm, Eternity Miner, Eternity Clipper, Eternity Botnet, and Eternity Ransomware.

There are several reasons to believe that the EternityTeam could become a prominent malware seller and that their malware could spread in the wild:

- their malware software capability;
- their presence on numerous underground forums;
- their effort invested in the marketing;
- the number of Eternity Stealer samples identified by SEKOIA.IO in the wild;
- the “project” of the Eternity threat group has been “verified and approved” by the administrators of several [cybercrime forums](#) in early February 2022, as a guarantee of the worthiness of the products they sell.

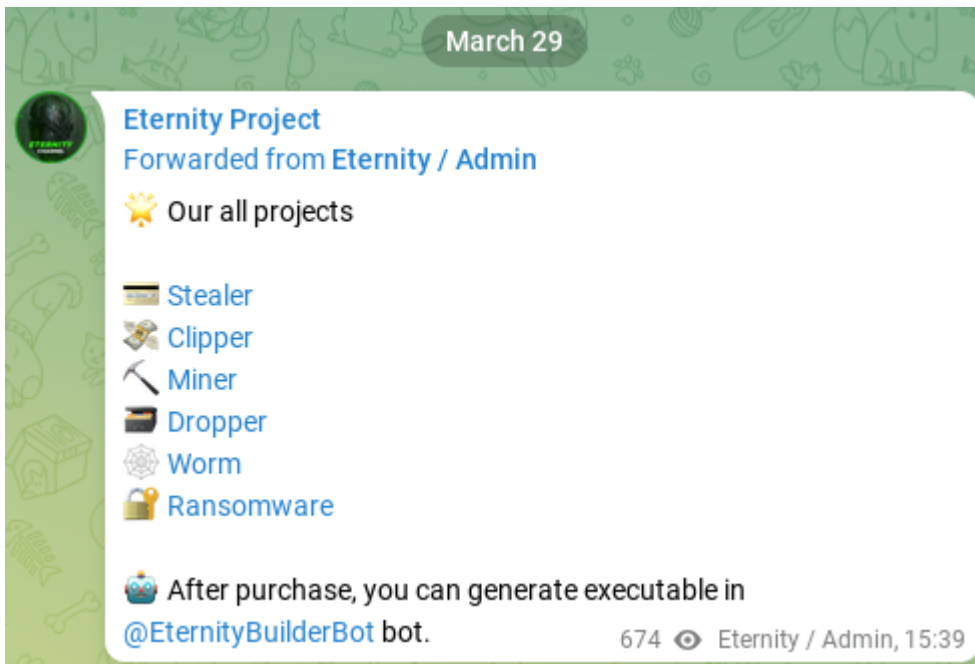


Figure 1. Eternity’s malware catalog advertised on their Telegram channel

In this blog post, we describe the activities on underground forums of EternityTeam members, share an overview of the different malware and present a quick analysis of the Eternity Stealer that appears to be their best-selling malware.

EternityTeam is a group that develops and sells different malware since at least January 2022. The threat group is present on numerous Russian-speaking underground forums, such as XSS, UfoLabs, BHF, RuTOR, SkyNetZone, DarkClub, and others for advertising and selling their malware.

We noticed that several profiles are selling the EternityTeam malware, for example:

- UnderD0g advertises all products on the UfoLabs forum with the Telegram channel ([t\[.\]me/EternityTeam](https://t.me/EternityTeam)) of the EternityTeam. It is interesting to note that UnderD0g has a profile on the XSS forum but has not used it to communicate about Eternity activities.
- Neizvestnost74 advertises, with its own Telegram profile, all the products (except the worm) on XSS, UfoLabs and BHF forums, among many others. The threat actor has entered the hacking forum scene at least since 2019 for selling dedicated servers, malware, or for buying brute force services.
- EternityTeam is a recent profile that has only advertised the Eternity Stealer and the Eternity Worm on several forums.
- CyberSurprice advertises [information stealer](#) on numerous forums. As EternityTeam, this profile seems to have been created for purposes of the Eternity projects.

All profiles are responsive to questions from potential or current clients, either on technical (detection) or business issues. The group members communicate in Russian (mainly) and English.

In addition to this, EternityTeam maintains a Telegram channel ([t\[.\]me/s/EternityMalware](https://t.me/s/EternityMalware)), an .onion website ([malwarewrn7fvd7zq243d74dxs3ca4wh5kw6i2opkzeusoajtd2j5yd\[.\]onion](https://malwarewrn7fvd7zq243d74dxs3ca4wh5kw6i2opkzeusoajtd2j5yd[.]onion)) and a GitHub repository

([github\[.\]com/LightM4n](https://github.com/LightM4n)) in which they share details, videos, updates about all their malware in their catalog.

In the light of the above, we can assume that **EternityTeam** is a new group of several threat actors familiar with the cybercrime ecosystem. They surely started their business for financial gain.

Eternity's malware catalog

The Eternity information stealer, advertised as the **Eternity Stealer** or **Eternity Project**, is the one that interests the most on forums. More details on this malware are given in the following part.




Figure 2. Eternity Stealer advertisement published on several underground forums

The **Eternity Miner** is sold for \$110. It aims to mine Monero cryptocurrency on Windows hosts. The malware implements several defense evasion techniques, such as masking as a system process, hiding from the task manager, preventing hibernation, and persistence.

The **Eternity Clipper** substitutes the cryptocurrency wallet address of the intended recipient with that of the attacker. It is sold for \$99.

The **Eternity Botnet** (also named **Eternity Dropper**) allows an attacker to perform DDoS attacks using different methods (HTTP, TCP Flood or UDP Flood), and to drop files on the infected host using UAC bypass. The agent builder and the administration panel are sold for \$150 a month.

The **Eternity Worm** is able to spread itself over documents, USB, Cloud, and Discord. The price for Eternity Worm is \$300 and the source price is \$1200.



ETERNITY WORM

SPREAD MALWARE OVER DOCUMENTS / USB
/ CLOUD / DISCORD

FEATURES

- USB Drives
- Local Files (py, zip, exe, bat, jar, pdf, docx, xlsx, pptx, mp3, mp4, png)
- Cloud Drives: (GoogleDrive, OneDrive, DropBox)
- Python Interpreter (Injects worm loader into all compiled python projects)
- Discord Spam (Sends your messages to all channels and friends)

CONTACTS

Telegram:
<https://t.me/EternityTeams>

Jabber:
LightMan@thesecure.biz




Figure 3. Eternity Worm advertisement published on several underground forums

The **Eternity Ransomware** is only advertised on their Telegram channel. According to EternityTeam's description, it is a generic ransomware that encrypts all documents, photos, databases on disks, local shares, USB drives, removes system restore points and deletes shadow copies, among other classic features.

Focus on the Eternity Stealer

As mentioned in the introduction, we discovered the threat group, and its malware catalog, in February 2022, shortly after its emergence, during our [Dark Web monitoring](#). We managed to find a sample of Eternity Stealer on a file-sharing platform, and we quickly analyzed it.

Eternity Stealer is a complete information stealer written in .NET and sold with the malware-as-a-service model for \$99 per month. The malware targets personal information from:

- several browsers (passwords, cookies, credit cards, autofill data, history, and bookmarks);
- browser cryptocurrency extensions;
- cryptocurrency wallets;
- numerous applications (password managers, messengers, VPN and FTP clients, and gaming software).

We found that Eternity Stealer is able to steal credentials of Growtopia accounts. Growtopia is a game with almost endless possibilities for world creation, developed by the French video game company Ubisoft. This stealing capability echoes the profitable and illegal business of Roblox (a mega-popular gaming platform) account theft, often targeting young players. As mentioned in the [Vice article](#), attackers stole over ten thousand dollars worth of virtual items in a few minutes. Information stealers targeting video game accounts is not a new trend, but it later appears to be on the rise. This business can be very lucrative as huge virtual markets exist for many video games, and the targeted users are often young and not very careful concerning cyber risks.

Investigating Eternity Stealer samples confirm this trend. Indeed we found some samples distributed as a glitch program for Growtopia (“*Growtopia Growtoken Glitch 3.82+.exe*”), or a cracked version of Growtopia (“*Growtopia_Hack_3.82.exe*”).

Regarding data exfiltration, Eternity Stealer sends the stolen data to the Eternity Team servers via HTTPS POST requests. Data is then redirected to the attacker on its Telegram bot.

SEKOIA.IO Threat & Detection Research Team will continue to monitor EternityTeam activities, as well as their malware catalog to provide contextualized and actionable intelligence on these threats.

In conclusion, information from our Dark Web monitoring is **a data source in its own right**. The results allow us to **identify trends and emerging threats**. SEKOIA.IO analysts then make this information **actionable** for our clients.

Discover some of our previous investigations about [other information stealers such as Mars Stealer](#) or how ransomware groups weaponize such tools, as was the case with [Spook leveraging the Thanos builder](#).

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```

YARA rule

```
import "pe"

rule infostealer_win_eternity {
  meta:
    malware = "Eternity Stealer"
    description = "Identify Eternity Stealer samples based on specific strings \\
or PE section names"
    source = "SEKOIA.IO"
    classification = "TLP:WHITE"

  strings:
    $str0 = "Sending info to Eternity.." wide
    $str1 = "Debug mode, dont share this stealer anywhere." wide
    $str2 = "\\Growtopia.exe" wide
    $str3 = "Software\\Growtopia" wide
```

```
$str4 = "Corrupting Growtopia.." wide
$str5 = "Disabling Task Manager.." wide
$str6 = "Deleting previous file from startup and copying new one." wide
$str7 = "Hiding file in Startup folder.." wide
$str8 = "Initializing File watcher.." wide
$str9 = "Decoder: Failed to delete temp login. No problem, continuing.." wide
$str10 = "dcd.exe" wide

condition:
  uint16(0)==0x5A4D and
  (for any i in (0..pe.number_of_sections-1): ( pe.sections[i].name == ".eter0" ) and
  for any i in (0..pe.number_of_sections-1): ( pe.sections[i].name == ".eter1" )) or
  6 of ($str*)
}
```

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