

Zeoticus marked its first appearance in early 2020 followed by an upgraded version named as Zeoticus 2.0 in early 2021 which offers an enhanced offline capability of deploying a payload with no dependence on C2 server thus executing payloads without connectivity. The zeoticus revised version is specifically designed to function for all variants of windows, additionally, it is restricted in some countries namely Russia, Belarus, and Kyrgyzstan given the backlash imposed in these regions.

This attack fixates on speed and efficiency resulting in rapid encryption and hiding its track by destroying certain binaries by using ping programs. This variant is believed to encrypt and rename the victim's file and change the desktop wallpaper and thus creating README.html ransom file. The required files are recognized using extensions by executing the Zeoticus 2.0 payload. It's worth noting that the encryptable-extensions list is totally adjustable and under the threat actors' control. The malware encrypts files using both asymmetric and symmetric techniques. On the symmetric side, XChaCha20 is used, while on the asymmetric side, Poly1305, XSalsa20, and Curve25519 are combined.

Following the encryption procedure, the files are updated with extensions including the adversaries, email addresses as well as the string "2020END". Zeoticus mounts a new volume with the ransom message inside. Instead of using an onion-based payment site or something similar, victims are advised to contact the attacker via email. The group has been specifically targeting windows OS with advanced encryption algorithms. The continuous upgrades in the attack makes it inevitable for organizations to contain and mitigate the risk in the ever-growing cyber space.

# What should you do?

- Ensure your Windows environment is patched to the brim and is protected with multi-factor authentication.
- Conduct a comprehensive, full spectrum, threat assessment exercise to uncover blind spots and improvement areas.
- Implement well-documented and tested DRP and BCP procedures.

# What is KPMG Threat Intelligence+?

The KPMG Threat Intelligence+ approach is an industry defining, research-based capability for enhanced visibility into cyber threats. Our machine ingestible feeds are the result of automated, sensor-based intelligence metrics with dedicated, expert analysis of each threat to provide you the right context on a timely basis in industry standard formats such as STIX/ TAXII/ MISP. These feeds are additionally co-related with out industry partners and independent researchers to ensure you have the most accurate and contextual data. The intelligence is then curated from Strategic, Tactical and Operational perspective to give you 360 degree view of cyber threats.

We also assist you with our renowned **Cyber Incident Response** and **Threat Hunting services** in case you identify an active threat in your environment.

# Range of services

Strategic Threat Intelligence Report

Machine Ingestible Threat Intelligence feeds

Threat Intelligence driven pre-emptive Threat Hunting Exercise

**Cyber Incident Response Services** 

# Contact us

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# Threat Intelligence+

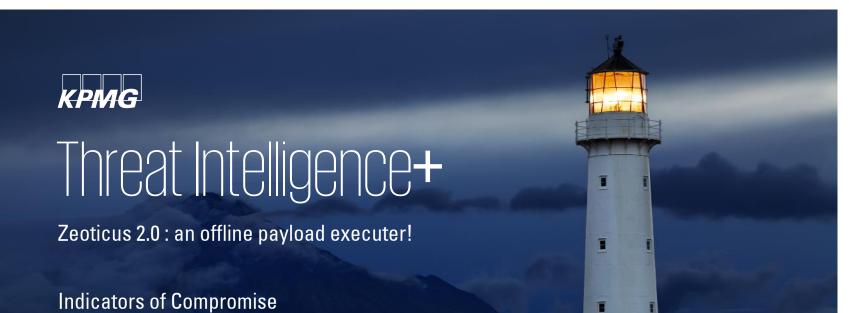
Zeoticus 2.0 : an offline payload executer!

**Indicators of Compromise** 



Domains		
vitrez.xyz	o08a6d[.]top	sitcalls[.]us
so118[.]cn	c6tjvl[.]top	sheylter[.]top
yu1u[.]org	vcev5c[.]top	<pre>goodslet[.]win</pre>
00508[.]net	gwz8gh[.]top	<pre>goftegoo[.]info</pre>
e6in0v[.]top	lxvmhm[.]top	somegave[.]info
d4rksys[.]cc	glg1i0[.]top	zenoproxy[.]org
025021[.]net	bvbg1l[.]top	the-tech[.]info
vbfyit[.]top	gre2b6[.]top	fenstermane[.]org
bw9e2z[.]top	rys9pj[.]top	blessingsxx[.]top
5p76tw[.]top	03337[.]info	<pre>falloutgood[.]top</pre>
85kvie[.]top	wet4io[.]win	wonderworlddd[.]top
63rx85[.]top	bmores[.]info	margate-zone[.]info
wwa4tu[.]top	bigfind[.]net	supportalpha[.]info
va3ibn[.]top	mykings[.]top	koessammcorng[.]info

Hashes			
d0e87fd356979aff2a420957ec070d54	941572dd276820d51760636ea7b4059c		
acfd37368e16de42a7c224328bff31a7	90e6d826310d0ae894cfea1ac5d859cf		
9fc80c55ecd0f69ba7d399ffa2014dc0	988dfacf31a8245a2beb6ea3ee13f4f2		
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Hashes		
310dc1b4d13c6c05a90bf736fc8c142ac3a5dd96043be2e104a1a61e7a086b9f		
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3834d9b65bb302d21397174e73063865fddce84381d7ad208f5895899c67ebd4		
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2bfbc39f86c598f01444aae326a452f2f5f1d04cdd7a2d93249cb5dca687c266		

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