



Based Threats on the Rise in 2017

As the use of SSL/ TLS encryption increases, so has the use of SSL to deliver malicious content.

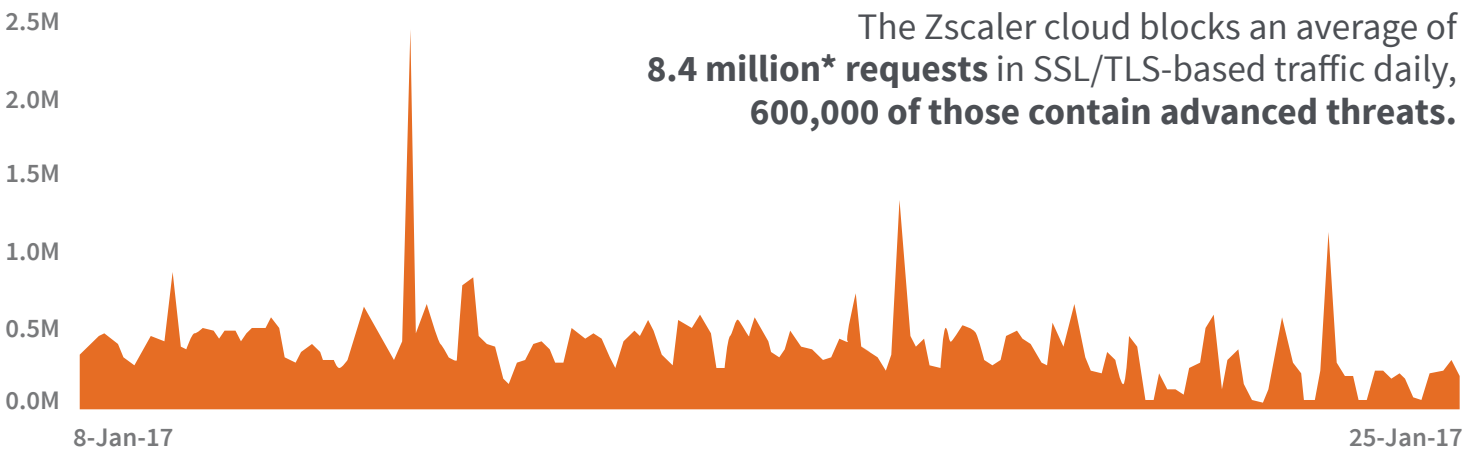
In 2017, an average of 60% of traffic in the Zscaler cloud has been SSL/ TLS encrypted.

60%

Malicious content being delivered over SSL/TLS has more than doubled in the last six months.

2x

Malicious content delivered over SSL/TLS



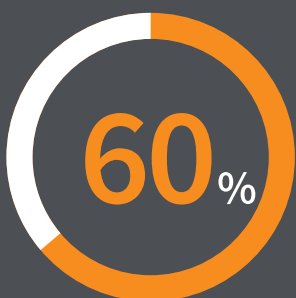
The Zscaler cloud has **blocked an average of 12,000 phishing attempts** per day delivered over SSL/TLS, a **400% increase over 2016.**



“ The most prevalent malware family leveraging SSL-based callbacks was Dridex/Emotet, which contributed 34% of the total unique, new payloads in 2017. ”

– Deepen Desai, Senior Director, Security Research

New Malicious payloads leveraging SSL/TLS for C&C activity



Banking Trojans
(Zbot, Vawtrak, Tickbot, etc)



Ransomware families



Infostealer Trojan families



Other