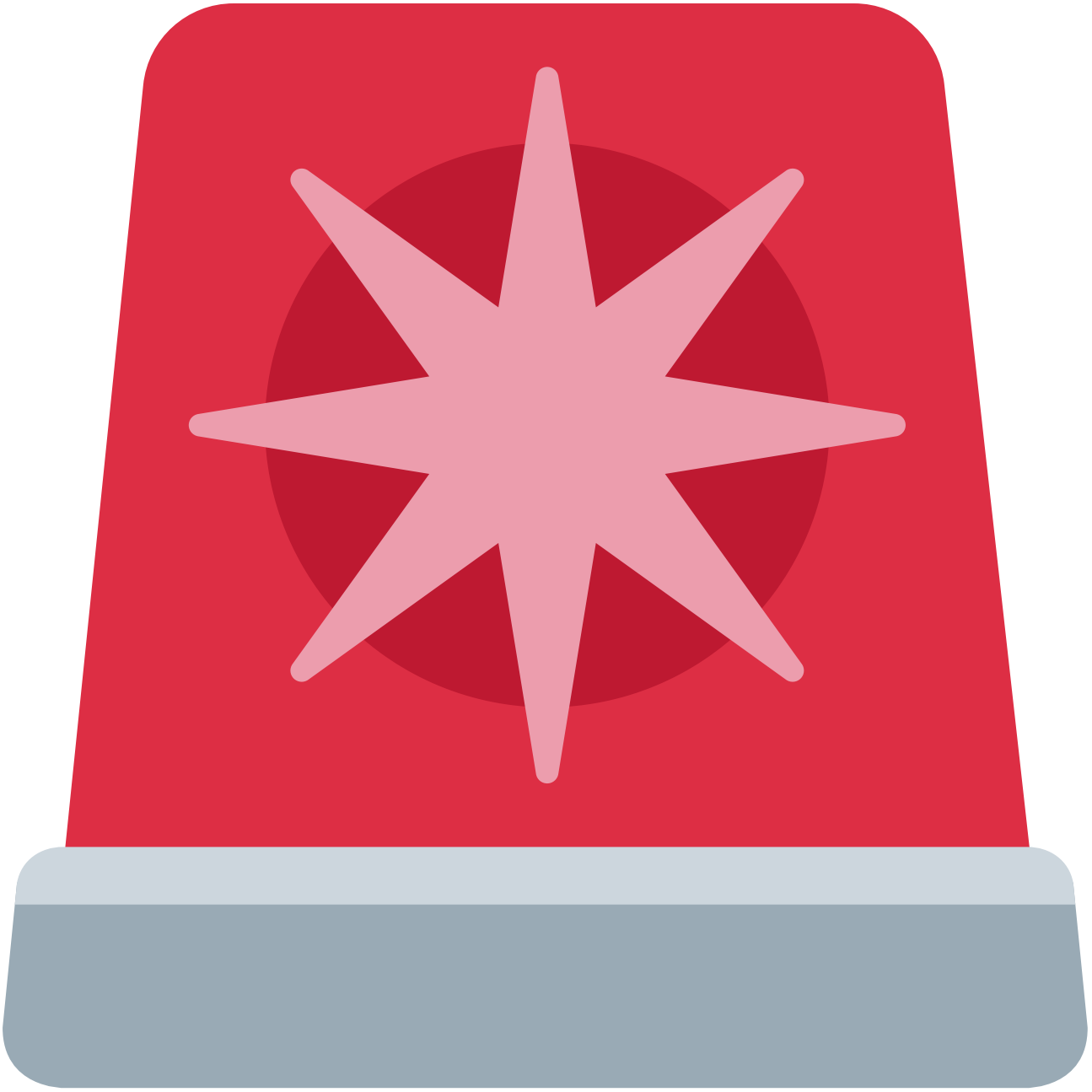
ANY.RUN on X: "🚨 New Modular RAT With Victim Profiling: Detect It Early We identified #KarstoRAT, a new malware that had zero detections on VirusTotal at the time of analysis. It disguises its C2 traffic as https://t.co/dp7Nd9DCoB" / X

Published: 2026-02-25 · Archived: 2026-04-05 15:36:08 UTC

Post

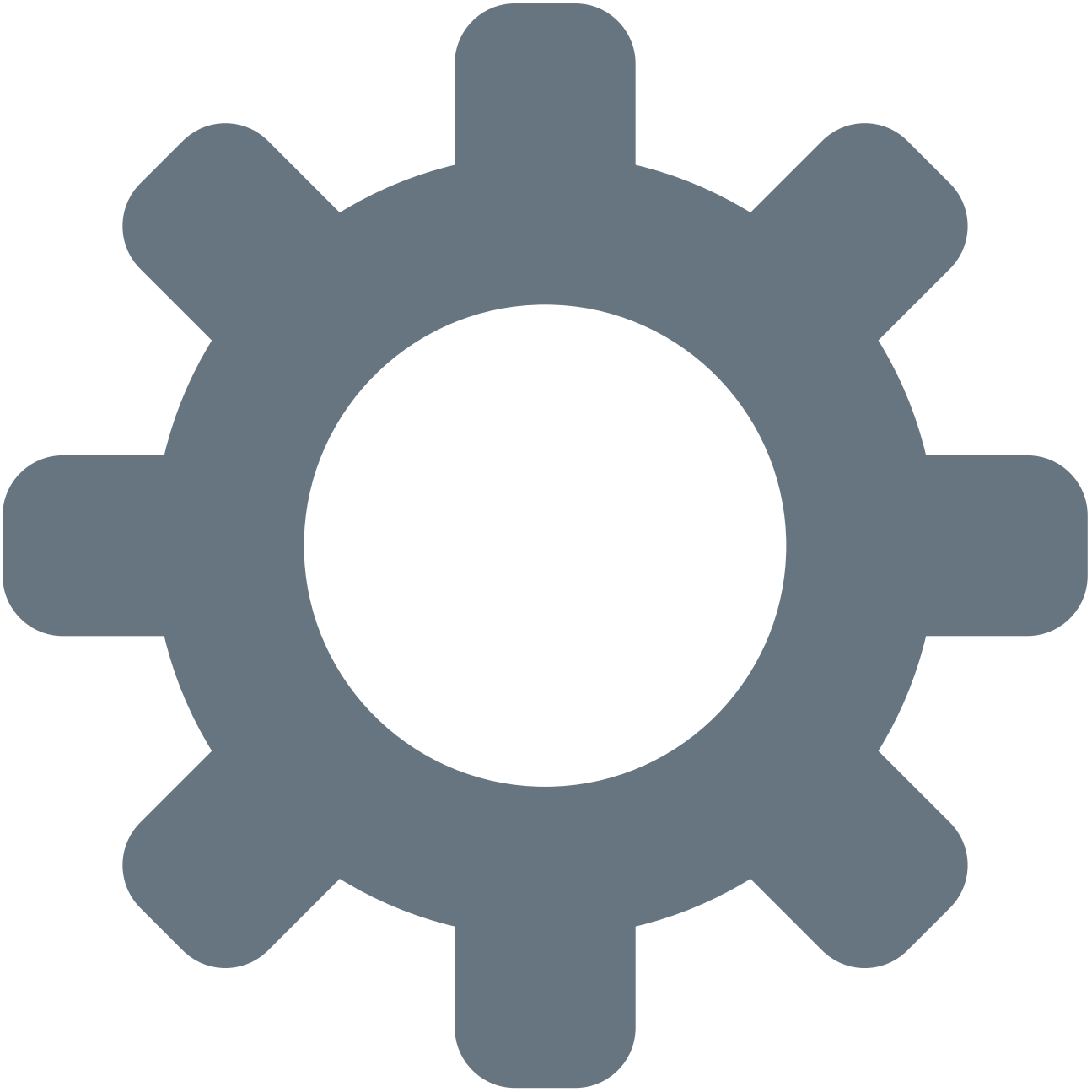
Conversation



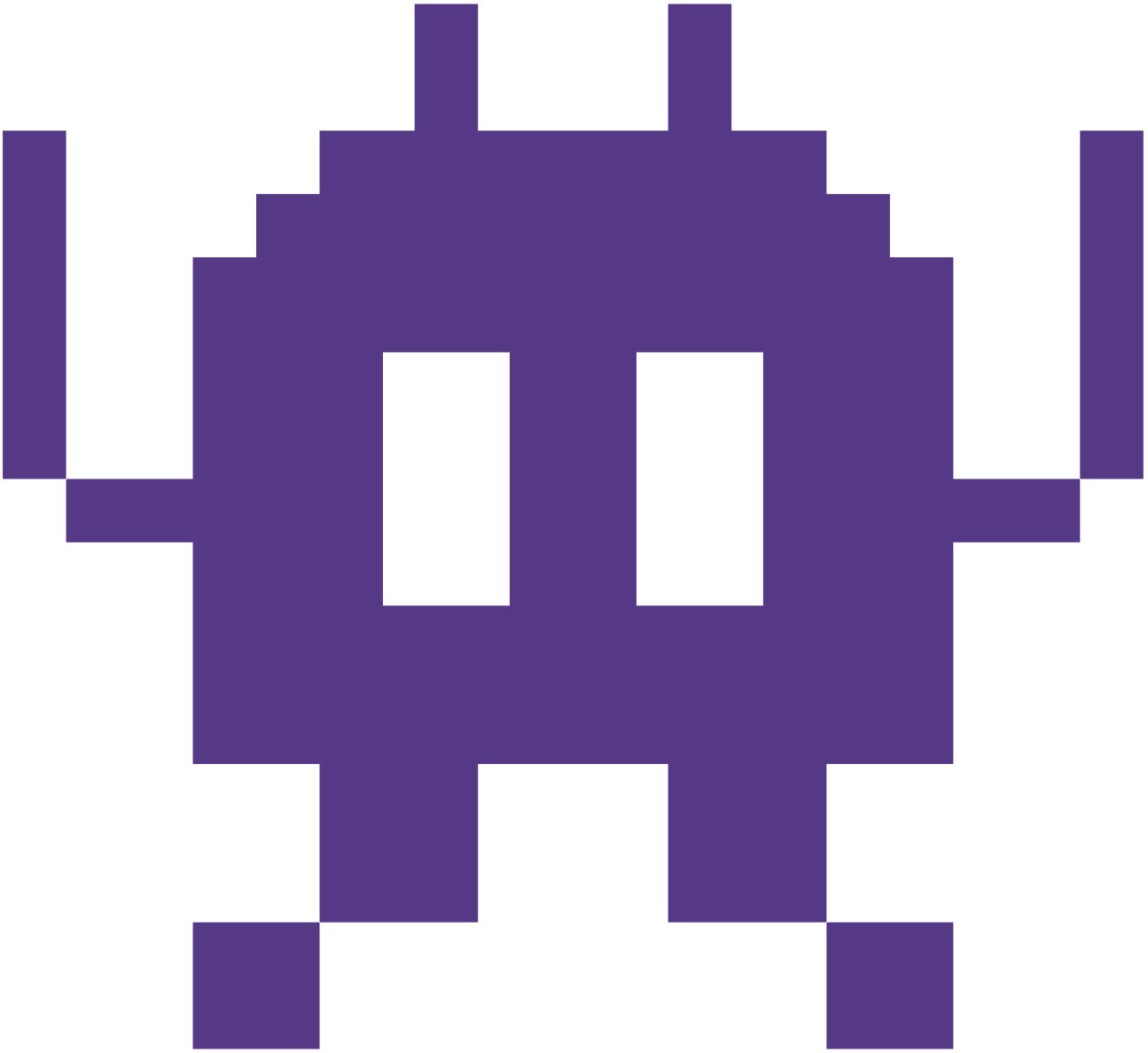
New Modular RAT With Victim Profiling: **Detect It Early** We identified #KarstoRAT, a new malware that had zero detections on VirusTotal at the time of analysis. **It disguises its C2 traffic as legitimate security software** by using the User-Agent SecurityNotifier, increasing the risk of prolonged dwell time and operational disruption.

This is not blind mass deployment. KarstoRAT checks the victim's external IP via api[.]ipify[.]org and maintains heartbeat and logging endpoints with its C2. This behavior suggests selective activation of certain modules based on country, network, or public IP.

Separate server paths for data and commands back this up. The C2 is modular, with functions managed independently. This enables controlled deployment and selective capability use, making campaigns harder to detect and contain at an early stage.

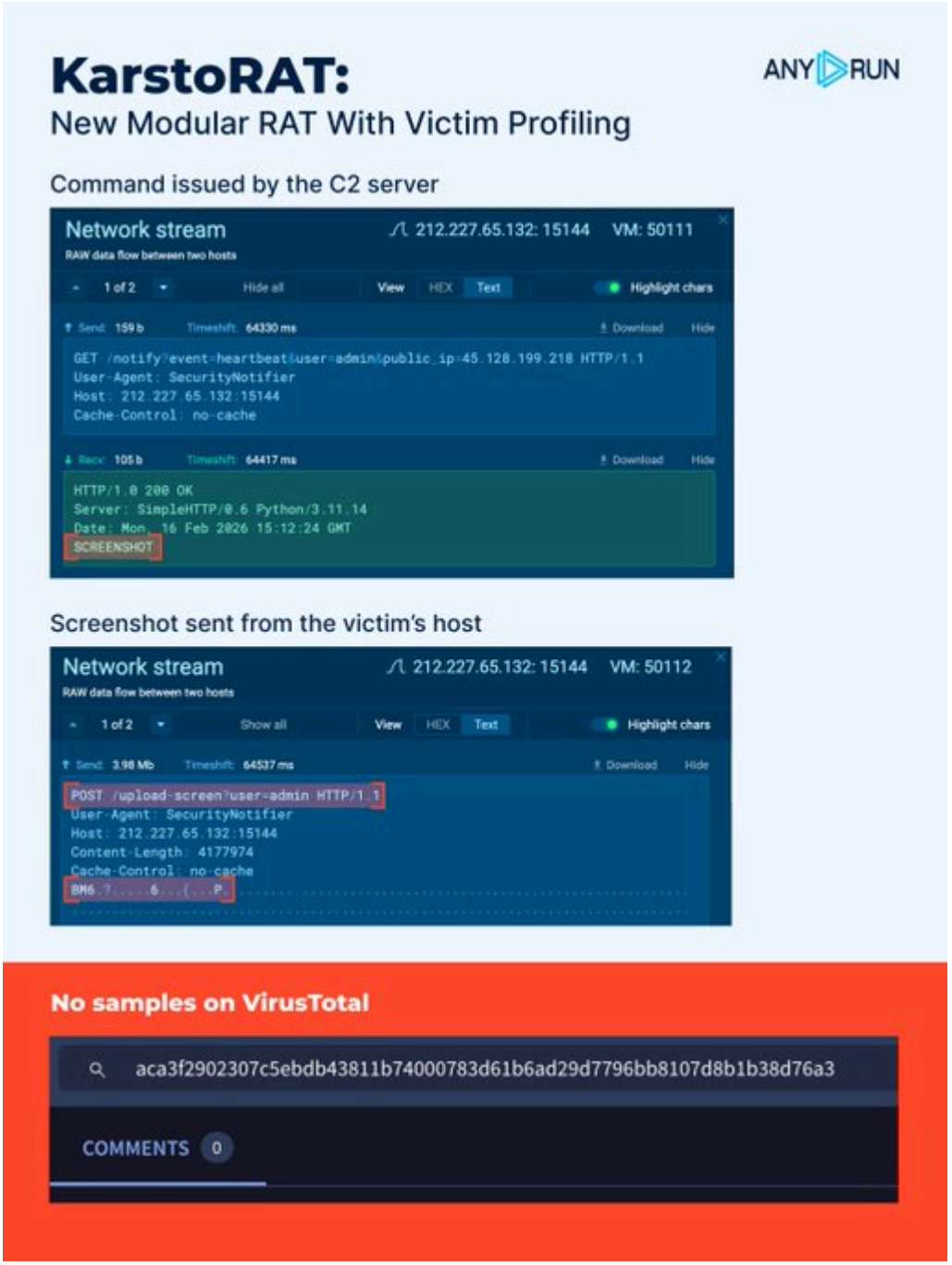


Functionally, **KarstoRAT combines surveillance and remote control**: it steals credentials and tokens, logs keystrokes and clipboard data, executes remote commands, uploads payloads, and exfiltrates files, while also capturing screenshots, webcam, and audio activity on the infected host. Persistence is set via Run keys, the Startup folder, and a scheduled SystemCheck task. For privilege escalation, it abuses fodhelper.exe and hijacks the ms-settings\Shell\Open\command registry path. To avoid detection, KarstoRAT checks for debuggers and security analysis software. #ANYRUN Sandbox bypasses these checks, exposing full behavior within seconds. Before threats turn into longer investigations and business impact, security teams use #ANYRUN to move from unclear signals to evidence-based action faster



See sample execution in a live analysis session: app.any.run/tasks/7f289c04

Pivot from #IOCs and subscribe to Query Updates in TI Lookup to proactively track evolving attacks: intelligence.any.run/analysis/looku Equip your SOC with faster decisions and lower workload. See how #ANYRUN fits your workflows: any.run/enterprise/?ut #ExploreWithANYRUN IOCs: Domain: hallucinative-shabbily-olga[.]ngrok-free[.]dev IP: 212[.]227[.]65[.]132 HeartBeat URL: "*/notify?event=heartbeat&user=*&public_ip=" Sha256:
839e882551258bf34e5c5105147f7198af2daf7e579d7d4a8c5f1f105966fd7e
07131e3fcb9e65c1e4d2e756efdb9f263fd90080d3ff83fbcca1f31a4890ebdb
ee5b0c1f0015b9f59e34ef8017ead6e83259b32c4b0e07dc1f894b0d407094a3
aca3f2902307c5ebdb43811b74000783d61b6ad29d7796bb8107d8b1b38d76a3



Source: https://x.com/anyrun_app/status/2026642656344850613