

Threat Group Cards: A Threat Actor Encyclopedia

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Tool: AsyncRAT







Names	AsyncRAT
Category	Tools
Type	Backdoor , Keylogger
Description	<p>(Carbon Black) AsyncRAT is a Remote Access Tool (RAT) designed to remotely monitor and control other computers through a secure encrypted connection. It is an open source remote administration tool, however, it could also be used maliciously because it provides functionality such as keylogger, remote desktop control, and many other functions that may cause harm to the victim’s computer. In addition, AsyncRAT can be delivered via various methods such as spear-phishing, malvertising, exploit kit and other techniques.</p>
Information	<p><https://www.carbonblack.com/2019/11/19/threat-analysis-unit-tau-threat-intelligence-notification-asyncrat/></p> <p><https://github.com/NYAN-x-CAT/AsyncRAT-C-Sharp></p> <p><https://blog.talosintelligence.com/2022/01/nanocore-netwire-and-asyncrat-spreading.html></p> <p><https://blog.morphisec.com/asyncrat-new-delivery-technique-new-threat-campaign></p> <p><https://blog.talosintelligence.com/2022/04/asyncrat-3losh-update.html></p> <p><https://asec.ahnlab.com/en/47525/></p> <p><https://www.mcafee.com/blogs/other-blogs/mcafee-labs/unmasking-asyncrat-new-infection-chain/></p> <p><https://asec.ahnlab.com/en/59573/></p> <p><https://www.trendmicro.com/en_us/research/23/l/analyzing-asyncrat-code-injection-into-aspnetcompiler-exe.html></p> <p><https://cybersecurity.att.com/blogs/labs-research/asyncrat-loader-obfuscation-dgas-decoys-and-govno></p> <p><https://www.mcafee.com/blogs/other-blogs/mcafee-labs/cracked-software-or-cyber-trap-the-rising-danger-of-asyncrat-malware/></p> <p><https://www.welivesecurity.com/en/eset-research/unmasking-asyncrat-navigating-labyrinth-forks/></p>
MITRE ATT&CK	< https://attack.mitre.org/software/S1087 >

Malpedia	< https://malpedia.caad.fkie.fraunhofer.de/details/win.asyncrat >
AlienVault OTX	< https://otx.alienvault.com/browse/pulses?q=tag:AsyncRAT >

Last change to this tool card: 16 August 2025

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All groups using tool AsyncRAT

Changed	Name	Country	Observed	
APT groups				
	Blind Eagle		2018-Nov 2024	
	Earth Berberoka		2022	
	Operation Comando	[Unknown]	2018	
	Operation Layover		2013	
	Operation LiberalFace, MirrorFace		2019-Aug 2024	
	Operation Spalax	[Unknown]	2020	
	TA2541	[Unknown]	2017	
	TA558	[Unknown]	2018-Jun 2023	
	Vendetta, TA2719		2020	
Other groups				
	CoralRaider		2023-Feb 2024	

10 groups listed (9 APT, 1 other, 0 unknown)

Source: <https://apt.etda.or.th/cgi-bin/listgroups.cgi?u=e357b9fa-cf31-4f75-939a-40cc5d94b45e>