

Threat Group Cards: A Threat Actor Encyclopedia

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Tool: Anel

Names	Anel lena UpperCut
Category	Malware
Type	Backdoor
Description	(Carbon Black) ANEL (also referred to as UpperCut) is a RAT program used by APT10 and observed in Japan uniquely. According to SecureWorks, all ANEL samples whose version is 5.3.0 or later are obfuscated with opaque predicates and control flow flattening.
Information	< https://www.carbonblack.com/2019/02/25/defeating-compiler-level-obfuscations-used-in-apt10-malware/ > < https://blog.trendmicro.com/trendlabs-security-intelligence/chessmaster-adds-updated-tools-to-its-arsenal/ >
MITRE ATT&CK	< https://attack.mitre.org/software/S0275/ >
Malpedia	< https://malpedia.caad.fkie.fraunhofer.de/details/win.anel >

Last change to this tool card: 28 December 2022

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All groups using tool Anel

Changed	Name	Country	Observed	
APT groups				
	Operation LiberalFace, MirrorFace		2019-Aug 2024	
	Stone Panda, APT 10, menuPass		2006-Mar 2025	

2 groups listed (2 APT, 0 other, 0 unknown)

Source: <https://apt.eta.da.or.th/cgi-bin/listgroups.cgi?u=111fc591-4d6f-43ea-8e30-fcbd65f55dd9>