# Threat Group Cards: A Threat Actor Encyclopedia

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## Tool: Flame

| | |
|---|---|
| Names | Flame<br>Flamer<br>sKyWIper<br>Skywiper |
| Category | Malware |
| Type | Backdoor, Rootkit, Keylogger, Info stealer, Exfiltration |
| Description | (Wikipedia) Flame, also known as Flamer, sKyWIper, and Skywiper, is modular computer malware discovered in 2012 that attacks computers running the Microsoft Windows operating system. The program is being used for targeted cyber espionage in Middle Eastern countries.<br><br>Its discovery was announced on 28 May 2012 by MAHER Center of Iranian National Computer Emergency Response Team (CERT), Kaspersky Lab and CrySyS Lab of the Budapest University of Technology and Economics. The last of these stated in its report that Flame 'is certainly the most sophisticated malware we encountered during our practice; arguably, it is the most complex malware ever found.' Flame can spread to other systems over a local network (LAN). It can record audio, screenshots, keyboard activity and network traffic. The program also records Skype conversations and can turn infected computers into Bluetooth beacons which attempt to download contact information from nearby Bluetooth-enabled devices. This data, along with locally stored documents, is sent on to one of several command and control servers that are scattered around the world. The program then awaits further instructions from these servers. |
| Information | <https://en.wikipedia.org/wiki/Flame_(malware)><br><https://storage.googleapis.com/chronicle-research/Flame%202.0%20Risen%20from%20the%20Ashes.pdf><br><https://securelist.com/the-flame-questions-and-answers-51/34344/><br><https://www.crysys.hu/publications/files/skywiper.pdf><br><https://www.crysys.hu/publications/files/tedi/ukatemicrysys_territorialdispute.pdf><br><https://www.symantec.com/connect/blogs/flamer-recipe-bluetoothache> |

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|---|---|
| MITRE ATT&CK | <https://attack.mitre.org/software/S0143/> |
| Malpedia | <https://malpedia.caad.fkie.fraunhofer.de/details/win.flame> |
| AlienVault OTX | <https://otx.alienvault.com/browse/pulses?q=tag:Flame> |

Last change to this tool card: 24 April 2021

Download this tool card in JSON format

### All groups using tool Flame

| Changed | Name | Country | Observed | |
|---|---|---|---|---|
| **APT groups** | | | | |
| | Equation Group | | 2001-Aug 2016 | |

*1 group listed (1 APT, 0 other, 0 unknown)*

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Source: https://apt.etda.or.th/cgi-bin/listgroups.cgi?u=f2db51e8-30f4-4e61-a5df-c51fee52e2b4