

Process Manager	
This plugin manages process-related activities, such as:	
<ul style="list-style-type: none"> Starting existing processes in the system; Launching new modules and terminating command lines; Terminating existing processes; 	
It accepts four commands:	
Command	Description
<code>start [process]</code>	Starts the process with the specified priority.
<code>stop [process]</code>	<ul style="list-style-type: none"> Runs the process command line in the <code>GraphProcess</code> API. Process Manager can also restrict the specified module to <code>GraphProcessModule</code> to run as the security context of the user representing the system of the application.
<code>kill [process]</code>	<ul style="list-style-type: none"> Deletes information about the list of running processes in the system. The module also collects new events associated with the processes.
<code>kill [process]</code>	<ul style="list-style-type: none"> Deletes the attributes.

This plugin manages process-related activities such as:

- Listing running processes in the system;
- Launching new modules and executing command lines
- Terminating existing processes.

It accepts four commands:

[illegible][illegible]

The attacker launch the command shell by injecting `cmd.exe` into the `svchost.exe` process. The commands below were seen executed by the threat actor:

This plugin manages system services, including installing, starting, stopping, deleting and listing them.

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Network Manager

This plugin lists the network connections in the system.

Command	Description
iwconfig [ID]	Get information about the list of IP and IPv6, TCP and UDP connections
	<ul style="list-style-type: none">• State• Local address• Local port• Remote address• Remote port• Gateway IP

EXASOURCE was deployed in several organizations in East Asia. Two of these organizations were breached via the infamous [ProxyLogon vulnerability \(CVE-2021-0445\)](#) in Exchange servers, after which malicious webshells were uploaded and utilized to execute commands on the breached servers.

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In May 2023, our telemetry indicated the execution of multiple commands to start and stop system services in one of the affected organizations in East Asia. The attackers abused the legitimate Windows services `smssvc`, `smssvc` and `smssvc` to execute malicious DLLs: `smssvc.dll`, `smssvc.dll` and `smssvc.dll`, respectively.

backdoor into memory. Similar LAPSFREE loaders targeting Japanese organizations have been described by [another security vendor](#). Examples of files loaded by these services are provided below.

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MSG	File Name	Compilation Time	SGS9888 Payroll File
0033/0716/6150/47/637 SGS9888-04	sgs9888.jbl	Monday, 10.04.2019	C:\Users\Public\Videos\ sgs9888-04.pdf

Issue#18776994d0643e112de 3aaf794b	willnotcall	Bundling 01-01-2023 20:58:08 UTC	Slomp/SVP/kyrsg
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MD5	File Name	Compilation Time	ESCRIBE Payload File
675637a2ee7a6d7a00488	TSVPD.dll	Wednesday	C:\Users\Public\Videos\

004716b7eae79a0e0a0a02e0d 669b030e3	7207P5e0d0	Sunday, 01.01.2023 20:50:01	Slingshot's logs
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The service MSOTC loaded and executed a DLL file named "C:\Program Files\Microsoft\MSOTC\MSOTC.dll". By analyzing this file, we established that it was the CoughingDown Core Module.

¹ One of the aforementioned DLLs, `ocidll@MSB [msb.dll]`, which is executed by abusing the legitimate MSOFC service, has a 95% match with Coughingdown samples according to the Kaspersky Threat Attribution Engine (KTAE). Analysis of the DLL reveals that:

1 One of the aforementioned DLLs, *csdlib\MSDS* (<https://www.cisco.com/c/en/us/protect/issue-advisories/20190301.html>), which is executed by abusing the legitimate MSDTC service, has a 25% match with CoughingDown samples according to the Kaspersky Threat Attribution Engine (KTAE). Analysis of the DLL reveals that

