

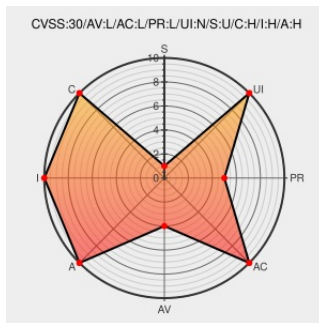


CVE-2018-10645

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CVE-2018-10645

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Vyprvpn](#) from [Goldenfrog](#) contain the following vulnerability:

Golden Frog VyprVPN 2.12.1.8015 for Windows suffers from a SYSTEM privilege escalation vulnerability through the "VyprVPN" service. This service establishes a NetNamedPipe endpoint that allows applications to connect and call publicly exposed methods. The "SetProperty" method allows an attacker to configure the

"AdditionalOpenVpnParameters" property and control the OpenVPN command line. Using the OpenVPN "plugin" parameter, an attacker may specify a dynamic library plugin that should run for every new VPN connection attempt. This plugin will execute code in the context of the SYSTEM user. This attack may be conducted using "VyprVPN Free" account credentials and the VyprVPN Desktop Client.

CVE-2018-10645 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
research/VS-2018-025.md at master · VerSprite/research · GitHub	Third Party Advisory github.com text/html	 MISC github.com/VerSprite/research/blob/master/advisories/VS-2018-025.md

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Goldenfrog	Vyprvpn	2.12.1.8015	All	All	All
Application	Goldenfrog	Vyprvpn	2.12.1.8015	All	All	All
cpe:2.3:a:goldenfrog:vyprvpn:2.12.1.8015:*:*:*:*:windows:*:*						
cpe:2.3:a:goldenfrog:vyprvpn:2.12.1.8015:*:*:*:*:windows:*:*						

No vendor comments have been submitted for this CVE

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