CVE-2020-14947

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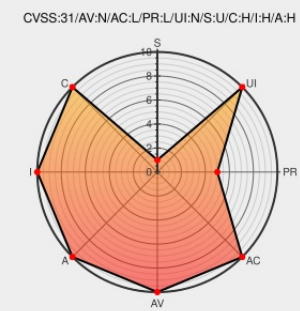
CVE-2020-14947

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Open Computer Software Inventory Next Generation from Factorfx contain the following vulnerability:

OCS Inventory NG 2.7 allows Remote Command Execution via shell metacharacters to require/commandLine/CommandLine.php because mib_file in plugins/main_sections/ms_config/ms_snmp_config.php is mishandled in get_mib_oid.

CVE-2020-14947 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 6.5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
OCS Inventory NG 2.7 Remote Code Execution ≈ Packet Storm	Exploit Third Party Advisory packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/158293/OCS-Inventory-NG-2.7-Remote-Code-Execution.html

Fix CVE-2020-14947 · OCSInventory-NG/OCSInventory-ocsreports@da72e0f · GitHub	github.com text/html	CONFIRM github.com/OCSInventory-NG/OCSInventory-ocsreports/commit/da72e0fddaeceee44fbbd7241e07e5d53d1eee64
OCS.mp4 - Google Drive	Exploit Third Party Advisory web.archive.org text/html Inactive Link Not Archived	MISC drive.google.com/file/d/1-LVfL5ui5m2QfQxr0fDopzSECd4fTNrQ/view?usp=sharing
OCS Inventory NG v2.7 Remote Command Execution (CVE-2020-14947) - Shells.Systems	Exploit Third Party Advisory shells.systems text/html	MISC shells.systems/ocs-inventory-ng-v2-7-remote-command-execution-cve-2020-14947/
OCSNG.py · GitHub	Exploit Third Party Advisory gist.github.com text/html	MISC gist.github.com/mhaskar/233436d3096d4a7beafe36ff61dc2c73

There are currently no QIDs associated with this CVE

Exploit/POC from Github

The official exploit for OCS Inventory NG v2.7 Remote Command Execution CVE-2020-14947

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Factorfx	Open Computer Software Inventory Next Generation	2.7	All	All	All
Application	Factorfx	Open Computer Software Inventory Next Generation	2.7	All	All	All

cpe:2.3:a:factorfx:open_computer_software_inventory_next_generation:2.7:*:*:*:*:*:*:*:

cpe:2.3:a:factorfx:open_computer_software_inventory_next_generation:2.7:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@Attackerkb_Bot	A new #attackerkb assesment on 'CVE-2020-14947' has been created by noraj. Attacker Value: 5 | Exploitability: 5 attackerkb.com/assessments/c5…	2021-09-28 22:49:07
@ipssignatures	It's new to me that Astaro has a protection/signature/rule for the vulnerability CVE-2020-14947.… twitter.com/i/web/status/1…	2022-03-31 10:02:01
@ipssignatures	I know 3 other IPSs that have protections/signatures/rules for the vulnerability CVE-2020-14947. ipssignatures.appspot.com/?cve=CVE-2020-… #Sml5ndclixpfwm	2022-03-31 10:02:01

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