



CVE-2021-42071

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

Certain versions of [Dvr Vx16](#) from [Visual-tools](#) contain the following vulnerability:

In Visual Tools DVR VX16 4.2.28.0, an unauthenticated attacker can achieve remote command execution via shell metacharacters in the cgi-bin/slogin/login.py User-Agent HTTP header.

CVE-2021-42071 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **10 - HIGH**

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

CVE References

Description	Tags	Link
Inicio - Visual Tools	visual-tools.com text/html	MISC visual-tools.com/
Security advisory: Visual Tools DVR (CVE-2021-42071) - Swascan	www.swascan.com text/html	MISC www.swascan.com/security-advisory-visual-tools-dvr-cve-2021-42071/

Visual Tools DVR VX16 4.2.28.0 - OS Command Injection - Multiple webapps Exploit

www.exploit-db.com

Proof of Concept

text/html

MISC www.exploit-db.com/exploits/50098

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

In Visual Tools DVR VX16 4.2.28.0, an unauthenticated attacker can achieve remote command execution via shell metacha...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware 	Visual-tools	Dvr Vx16	-	All	All	All
Operating System	Visual-tools	Dvr Vx16 Firmware	4.2.28.0	All	All	All
cpe:2.3:h:visual-tools:dvr_vx16:-:*:*:*:*:*:						
cpe:2.3:o:visual-tools:dvr_vx16_firmware:4.2.28.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-42071 : In Visual Tools DVR VX16 4.2.28.0, an unauthenticated attacker can achieve remote command executio... twitter.com/i/web/status/1...	2021-10-07 17:05:41

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