



CVE-2018-16988

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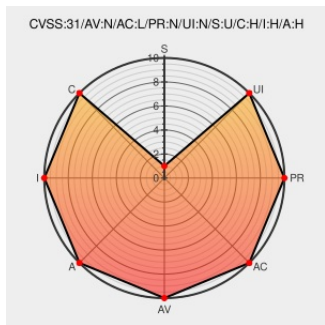
CVE-2018-16988

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[Source: NIST](#)

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Certain versions of [Open Xdmod](#) from [Xdmod](#) contain the following vulnerability:

An issue was discovered in Open XDMoD through 7.5.0. An authentication bypass (account takeover) exists due to a weak password reset mechanism. A brute-force attack against an MD5 rid value requires only 600 guesses in the plausible situation where the attacker knows that the victim has started a password-reset process (pass_reset.php, password_reset.php, XDUser.php) in the past few minutes.

CVE-2018-16988 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: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
CVE/CVE-2018-16988.md at master · grymer/CVE · GitHub	Third Party Advisory github.com	MISC github.com/grymer/CVE/blob/master/CVE-2018-16988.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	Xdmod	Open Xdmod	7.5.0	-	All	All
Application	Xdmod	Open Xdmod	7.5.0	rc1	All	All
Application	Xdmod	Open Xdmod	7.5.0	rc2	All	All
Application	Xdmod	Open Xdmod	7.5.0	-	All	All
Application	Xdmod	Open Xdmod	7.5.0	rc1	All	All
Application	Xdmod	Open Xdmod	7.5.0	rc2	All	All
Application	Xdmod	Open Xdmod	All	All	All	All

[cpe:2.3:a:xdmod:open_xdmod:7.5.0:-:*:*:*:*:](#)

[cpe:2.3:a:xdmod:open_xdmod:7.5.0:rc1:*:*:*:*:](#)

[cpe:2.3:a:xdmod:open_xdmod:7.5.0:rc2:*:*:*:*:](#)

[cpe:2.3:a:xdmod:open_xdmod:7.5.0:-:*:*:*:*:](#)

[cpe:2.3:a:xdmod:open_xdmod:7.5.0:rc1:*:*:*:*:](#)

[cpe:2.3:a:xdmod:open_xdmod:7.5.0:rc2:*:*:*:*:](#)

[cpe:2.3:a:xdmod:open_xdmod:*:*:*:*:*:](#)

No vendor comments have been submitted for this CVE

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