



CVE-2017-12787

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

CVSS:30/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Noviware](#) from [Noviflow](#) contain the following vulnerability:

A network interface of the `novi_process_manager_daemon` service, included in the NoviWare software distribution through NW400.2.6 and deployed on NoviSwitch devices, can be inadvertently exposed if an operator attempts to modify ACLs, because of a bug when ACL modifications are applied. This could be leveraged by remote,

unauthenticated attackers to gain resultant privileged (root) code execution on the switch, because incoming packet data can contain embedded OS commands, and can also trigger a stack-based buffer overflow.

CVE-2017-12787 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
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NoviFlow NoviWare < NW400.2.6 - Multiple Vulnerabilities - Hardware dos Exploit

Third Party Advisory

EXPLOIT-DB 42518

VDB Entry

www.exploit-db.com

Proof of Concept

text/html

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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	Noviflow	Noviware	All	All	All	All
cpe:2.3:a:noviflow:noviware:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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