



CVE-2018-4859

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CVE-2018-4859

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

Certain versions of [Scalance M875](#) from [Siemens](#) contain the following vulnerability:

A vulnerability has been identified in SCALANCE M875 (All versions). An authenticated remote attacker with access to the web interface (443/tcp), could execute arbitrary operating system commands. Successful exploitation requires that the attacker has network access to the web interface. The attacker must be authenticated as

administrative user to exploit the security vulnerability. The vulnerability could allow an attacker to execute arbitrary code on the device. At the time of advisory publication no public exploitation of this security vulnerability was known.

CVE-2018-4859 has been assigned by [S](#) productcert@siemens.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [S](#) **Siemens AG - SCALANCE M875** version **SCALANCE M875 All versions**

CVSS3 Score: **7.2 - HIGH**

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

CVSS2 Score: **9 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description

Tags

Link

Third Party Advisory

cert-portal.siemens.com

application/pdf

CONFIRM cert-portal.siemens.com/productcert/pdf/ssa-977428.pdf

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Related QID Numbers

591096 Siemens SCALANCE M875 Multiple Vulnerabilities (SSA-977428)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware  	Siemens	Scalance M875	All	All	All	All
Hardware  	Siemens	Scalance M875	All	All	All	All
Operating System	Siemens	Scalance M875 Firmware	All	All	All	All
Operating System	Siemens	Scalance M875 Firmware	All	All	All	All
cpe:2.3:h:siemens:scalance_m875:*****:.*						
cpe:2.3:h:siemens:scalance_m875:*****:.*						
cpe:2.3:o:siemens:scalance_m875_firmware:*****:.*						
cpe:2.3:o:siemens:scalance_m875_firmware:*****:.*						

No vendor comments have been submitted for this CVE

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