



CVE-2019-16029

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CVE-2019-16029 - advisory for cisco-sa-20200122-on-prem-dos

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

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



Certain versions of [Smart Software Manager On-prem](#) from [Cisco](#) contain the following vulnerability:

A vulnerability in the application programming interface (API) of Cisco Smart Software Manager On-Prem could allow an unauthenticated, remote attacker to change user account information which can prevent users from logging in, resulting in a denial of service (DoS) condition of the web interface. The vulnerability is due to the lack of input validation in the API. An attacker could exploit this vulnerability by sending a crafted HTTP request to an affected device. An exploit could allow the attacker to change or corrupt user account information which could grant the attacker administrator access or prevent legitimate user access to the web interface, resulting in a denial of service (DoS) condition.

CVE-2019-16029 has been assigned by [Cisco PSIRT](#) to track the vulnerability - currently rated as **CRITICAL** severity.

The Cisco Product Security Incident Response Team (PSIRT) is not aware of any public announcements or malicious use of the vulnerability that is described in this advisory.

Affected Vendor/Software: [Cisco](#) - **Cisco Smart Software Manager On-Prem** version n/a

CVSS3 Score: **9.1 - CRITICAL**

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

CVSS2 Score: **6.4 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality	Integrity	Availability

Impact

NONE

Impact

PARTIAL

Impact

PARTIAL

CVE References

Description	Tags	Link
Cisco Smart Software Manager On-Prem Web Interface Denial of Service Vulnerability	Vendor Advisory tools.cisco.com text/html	CISCO 20200122 Cisco Smart Software Manager On-Prem Web Interface Denial of Service Vulnerability

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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	Cisco	Smart Software Manager On-prem	All	All	All	All
Application	Cisco	Smart Software Manager On-prem	All	All	All	All

cpe:2.3:a:cisco:smart_software_manager_on-prem:*.***.***.***

cpe:2.3:a:cisco:smart_software_manager_on-prem:*.***.***.***

No vendor comments have been submitted for this CVE

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