

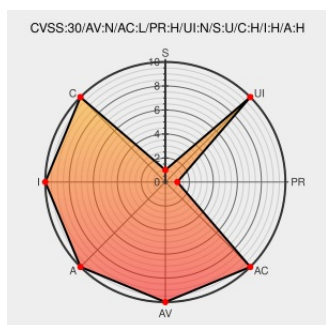


# CVE-2019-15979

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## CVE-2019-15979 - advisory for cisco-sa-20200102-dcnm-comm-inject

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

Certain versions of [Data Center Network Manager](#) from [Cisco](#) contain the following vulnerability:

Multiple vulnerabilities in the REST and SOAP API endpoints of Cisco Data Center Network Manager (DCNM) could allow an authenticated, remote attacker with administrative privileges on the DCNM application to inject arbitrary commands on the underlying operating system (OS).

For more information about these vulnerabilities, see the Details

section of this advisory. Note: The severity of these vulnerabilities is aggravated by the vulnerabilities described in the Cisco Data Center Network Manager Authentication Bypass Vulnerabilities advisory, published simultaneously with this one.

CVE-2019-15979 has been assigned by [Cisco](#) psirt@cisco.com to track the vulnerability - currently rated as **HIGH** severity.

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

Affected Vendor/Software: [Cisco](#) **Cisco - Cisco Data Center Network Manager** version n/a

CVSS3 Score: **7.2 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>HIGH</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **9 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>SINGLE</b>       |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
|                        |                   |                     |

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## CVE References

| Description                                                         | Tags                                                                                            | Link                                                                                               |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Cisco Data Center Network Manager Command Injection Vulnerabilities | <a href="#">Vendor Advisory</a><br><a href="#">tools.cisco.com</a><br><a href="#">text/html</a> | <a href="#">CISCO 20200102 Cisco Data Center Network Manager Command Injection Vulnerabilities</a> |

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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                                            | <a href="#">Cisco</a> | <a href="#">Data Center Network Manager</a> | All     | All    | All     | All      |
| Application                                            | <a href="#">Cisco</a> | <a href="#">Data Center Network Manager</a> | All     | All    | All     | All      |
| cpe:2.3:a:cisco:data_center_network_manager:*:*:*:*:*: |                       |                                             |         |        |         |          |
| cpe:2.3:a:cisco:data_center_network_manager:*:*:*:*:*: |                       |                                             |         |        |         |          |

No vendor comments have been submitted for this CVE

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