



# CVE-2020-3236

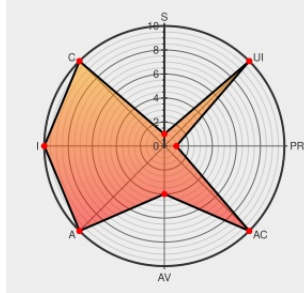
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## CVE-2020-3236 - advisory for cisco-sa-nfvis-ptnav-SHMzzwVR

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

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



Certain versions of [Enterprise Network Function Virtualization Infrastructure](#) from [Cisco](#) contain the following vulnerability:

A vulnerability in the CLI of Cisco Enterprise NFV Infrastructure Software (NFVIS) could allow an authenticated, local attacker to gain root shell access to the underlying operating system and overwrite or read arbitrary files. The attacker would need valid administrative credentials. This vulnerability is due to improper input validation of CLI

command arguments. An attacker could exploit this vulnerability by using path traversal techniques when executing a vulnerable command. A successful exploit could allow the attacker to gain root shell access to the underlying operating system and overwrite or read arbitrary files on an affected device.

CVE-2020-3236 has been assigned by [psirt@cisco.com](#) to track the vulnerability - currently rated as **MEDIUM** 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 Enterprise NFV Infrastructure Software** version n/a

CVSS3 Score: **6.7 - MEDIUM**

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

CVSS2 Score: **7.2 - HIGH**

| Access Vector   | Access Complexity | Authentication |
|-----------------|-------------------|----------------|
| LOCAL           | LOW               | NONE           |
| Confidentiality | Integrity         | Availability   |

Impact

COMPLETE

Impact

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CVE References

| Description                                                               | Tags                                                                       | Link                                                                                                                                                                                  |
|---------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cisco Enterprise NFV Infrastructure Software Path Traversal Vulnerability | <div>Vendor Advisory</div> <div>tools.cisco.com</div> <div>text/html</div> | <div> CISCO 20200617 Cisco Enterprise NFV Infrastructure Software Path Traversal Vulnerability</div> |

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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  | Enterprise Network Function Virtualization Infrastructure | All     | All    | All     | All      |
| Application | Cisco  | Enterprise Network Function Virtualization Infrastructure | All     | All    | All     | All      |

cpe:2.3:a:cisco:enterprise\_network\_function\_virtualization\_infrastructure:\*:\*:\*:\*:\*:

cpe:2.3:a:cisco:enterprise\_network\_function\_virtualization\_infrastructure:\*:\*:\*:\*:\*:

No vendor comments have been submitted for this CVE

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