

Cisco Prime Infrastructure and Evolved Programmable Network Manager Remote Code Execution Vulnerability



Cisco-SA-2019-1106-pi-eqn-codex

[CVE-2019-15958](#)

Discovery Date: 2019-11-06 16:00

Resolution Date: 2019-11-12 23:53

Version: Cisco Prime Infrastructure 3.2.0

CVSS Score: 9.8

Workarounds: No workarounds available

Cisco Bug ID: [CSCvp79611](#) [CSCvp79419](#)

Summary: A remote code execution (RCE) vulnerability exists in Cisco Prime Infrastructure and Evolved Programmable Network Manager. An unauthenticated attacker can exploit this vulnerability via the REST API to execute arbitrary code on the affected devices.

Impact: Remote Code Execution (RCE)

Cisco Prime Infrastructure and Evolved Programmable Network Manager REST API

Technical Details: The vulnerability is located in the REST API endpoints. An attacker can send a specially crafted request to the REST API, which is then processed by the device, leading to a remote code execution.

Proof of Concept: The following request demonstrates a successful RCE attack on a vulnerable device.

Exploit: `[Request Body]`

Impact: An attacker can execute arbitrary code on the affected devices, leading to a complete compromise of the network.

References: <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20191106-pi-eqn-codex>

Notes:

Details:

Discovery: The vulnerability was discovered by [Redacted]

Disclosure: The vulnerability was disclosed on [Redacted]

Severity: Critical (CVSS 9.8)

Workarounds: Upgrade to the latest version of Cisco Prime Infrastructure and Evolved Programmable Network Manager.

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翻訳について

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