CVE-2019-1010249

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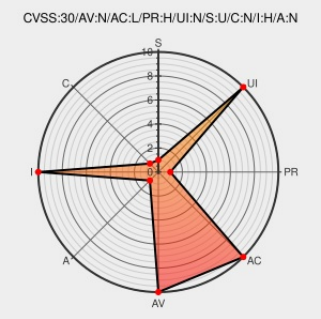

Certain versions of Open Network Operating System from Linuxfoundation contain the following vulnerability:

The Linux Foundation ONOS 2.0.0 and earlier is affected by: Integer Overflow. The impact is: A network administrator (or attacker) can install unintended flow rules in the switch by mistake. The component is: createFlow() and createFlows() functions in FlowWebResource.java (RESTful service). The attack vector is: network management and connectivity.

CVE-2019-1010249 has been assigned by cve-assign@distributedweaknessfiling.org to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **The Linux Foundation** - **ONOS** version **2.0.0 and earlier**

CVSS3 Score: 4.9 - MEDIUM

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

CVSS2 Score: 5.5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	PARTIAL	PARTIAL

CVE References

Description	Tags	Link

Description	Tags	Link
Integer overflow and underflow in ONOS.pdf - Google Drive	Exploit Third Party Advisory web.archive.org text/html Inactive Link Not Archived	MISC drive.google.com/open?id=1LxmTXZS-FRJQHAzO2JPgDx5SbLNEJHuJ
RECHECKER.pdf - Google Drive	Exploit Technical Description Third Party Advisory web.archive.org text/html Inactive Link Not Archived	MISC drive.google.com/open?id=1HtdRdf88Nv3RNeQJM9fQ6egY5X-tuewD

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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
Operating System	Linuxfoundation	Open Network Operating System	All	All	All	All

cpe:2.3:o:linuxfoundation:open_network_operating_system:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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