CVE-2017-12301

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Summary

CVE	CVE-2017-12301
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-10-19 08:29:00 UTC
Updated	2019-10-09 23:22:00 UTC
Description	A vulnerability in the Python scripting subsystem of Cisco NX-OS Software could allow an authenticated, local attacker to e

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Multilayer Director	-	All	All	All
Hardware	Cisco	Multilayer Director	-	All	All	All
Hardware	Cisco	Nexus 2000	-	All	All	All
Hardware	Cisco	Nexus 2000	-	All	All	All
Hardware	Cisco	Nexus 3000	-	All	All	All
Hardware	Cisco	Nexus 3000	-	All	All	All
Hardware	Cisco	Nexus 3016	-	All	All	All
Hardware	Cisco	Nexus 3016	-	All	All	All
Hardware	Cisco	Nexus 3016q	-	All	All	All
Hardware	Cisco	Nexus 3016q	-	All	All	All
Hardware	Cisco	Nexus 3048	-	All	All	All
Hardware	Cisco	Nexus 3048	-	All	All	All
Hardware	Cisco	Nexus 3064	-	All	All	All
Hardware	Cisco	Nexus 3064	-	All	All	All
Hardware	Cisco	Nexus 3064t	-	All	All	All
Hardware	Cisco	Nexus 3064t	-	All	All	All
Hardware	Cisco	Nexus 3064x	-	All	All	All

Hardware	Cisco	Nexus 3064x	-	All	All	All
Hardware	Cisco	Nexus 3500	-	All	All	All
Hardware	Cisco	Nexus 3500	-	All	All	All
Hardware	Cisco	Nexus 3524	-	All	All	All
Hardware	Cisco	Nexus 3524	-	All	All	All
Hardware	Cisco	Nexus 3548	-	All	All	All
Hardware	Cisco	Nexus 3548	-	All	All	All
Hardware	Cisco	Nexus 5000	-	All	All	All
Hardware	Cisco	Nexus 5000	-	All	All	All
Hardware	Cisco	Nexus 5010	-	All	All	All
Hardware	Cisco	Nexus 5010	-	All	All	All
Hardware	Cisco	Nexus 5010p Switch	-	All	All	All
Hardware	Cisco	Nexus 5010p Switch	-	All	All	All
Hardware	Cisco	Nexus 5500	-	All	All	All
Hardware	Cisco	Nexus 5500	-	All	All	All
Hardware	Cisco	Nexus 5548p	-	All	All	All
Hardware	Cisco	Nexus 5548p	-	All	All	All
Hardware	Cisco	Nexus 5548up	-	All	All	All
Hardware	Cisco	Nexus 5548up	-	All	All	All
Hardware	Cisco	Nexus 5596t	-	All	All	All
Hardware	Cisco	Nexus 5596t	-	All	All	All
Hardware	Cisco	Nexus 5596up	-	All	All	All
Hardware	Cisco	Nexus 5596up	-	All	All	All
Hardware	Cisco	Nexus 5600	-	All	All	All
Hardware	Cisco	Nexus 5600	-	All	All	All
Hardware	Cisco	Nexus 56128p	-	All	All	All
Hardware	Cisco	Nexus 56128p	-	All	All	All
Hardware	Cisco	Nexus 5624q	-	All	All	All
Hardware	Cisco	Nexus 5624q	-	All	All	All
Hardware	Cisco	Nexus 5648q	-	All	All	All
Hardware	Cisco	Nexus 5648q	-	All	All	All
Hardware	Cisco	Nexus 5672up	-	All	All	All
Hardware	Cisco	Nexus 5672up	-	All	All	All
Hardware	Cisco	Nexus 5696q	-	All	All	All
Hardware	Cisco	Nexus 5696q	-	All	All	All

Hardware	Cisco	Nexus 6000	-	All	All	All
Hardware	Cisco	Nexus 6000	-	All	All	All
Hardware	Cisco	Nexus 6001	-	All	All	All
Hardware	Cisco	Nexus 6001	-	All	All	All
Hardware	Cisco	Nexus 6004	-	All	All	All
Hardware	Cisco	Nexus 6004	-	All	All	All
Hardware	Cisco	Nexus 6004x	-	All	All	All
Hardware	Cisco	Nexus 6004x	-	All	All	All
Hardware	Cisco	Nexus 7000	-	All	All	All
Hardware	Cisco	Nexus 7000	-	All	All	All
Hardware	Cisco	Nexus 7000 10-slot	-	All	All	All
Hardware	Cisco	Nexus 7000 10-slot	-	All	All	All
Hardware	Cisco	Nexus 7000 18-slot	-	All	All	All
Hardware	Cisco	Nexus 7000 18-slot	-	All	All	All
Hardware	Cisco	Nexus 7000 9-slot	-	All	All	All
Hardware	Cisco	Nexus 7000 9-slot	-	All	All	All
Hardware	Cisco	Nexus 7700	-	All	All	All
Hardware	Cisco	Nexus 7700	-	All	All	All
Hardware	Cisco	Nexus 9000	-	All	All	All
Hardware	Cisco	Nexus 9000	-	All	All	All
Hardware	Cisco	Nexus 9500 R	-	All	All	All
Hardware	Cisco	Nexus 9500 R	-	All	All	All
Operating System	Cisco	Nx-os	6.0(2)a8(3)	All	All	All
Operating System	Cisco	Nx-os	6.0(2)a8(6.213)	All	All	All
Operating System	Cisco	Nx-os	6.0\(2\)a8\(3\)	All	All	All
Operating System	Cisco	Nx-os	6.0\(2\)a8\(6.213\)	All	All	All
Operating System	Cisco	Nx-os	7.0(0)hsk(0.357)	All	All	All
Operating System	Cisco	Nx-os	7.0(3)i4(6)	All	All	All
Operating System	Cisco	Nx-os	7.0\(0\)hsk\(0.357\)	All	All	All
Operating System	Cisco	Nx-os	7.0\(3\)i4\(6\)	All	All	All
Operating System	Cisco	Nx-os	7.3(2)d1(0.21)	All	All	All
Operating System	Cisco	Nx-os	7.3\(2\)d1\(0.21\)	All	All	All
Operating System	Cisco	Nx-os	8.0(0.74)	All	All	All
Operating System	Cisco	Nx-os	8.0(1)	All	All	All
Operating System	Cisco	Nx-os	8.0\(0.74\)	All	All	All

Operating System	Cisco	Nx-os	8.0\(1\)	All	All	All
Operating System	Cisco	Nx-os	8.1(0)bd(0.20)	All	All	All
Operating System	Cisco	Nx-os	8.1(0.70)s0	All	All	All
Operating System	Cisco	Nx-os	8.1\(0.70\)s0	All	All	All
Operating System	Cisco	Nx-os	8.1\(0\)bd\(0.20\)	All	All	All
Operating System	Cisco	Nx-os	6.0\(2\)a8\(3\)	All	All	All
Operating System	Cisco	Nx-os	6.0\(2\)a8\(6.213\)	All	All	All
Operating System	Cisco	Nx-os	7.0\(0\)hsk\(0.357\)	All	All	All
Operating System	Cisco	Nx-os	7.0\(3\)i4\(6\)	All	All	All
Operating System	Cisco	Nx-os	7.3\(2\)d1\(0.21\)	All	All	All
Operating System	Cisco	Nx-os	8.0\(0.74\)	All	All	All
Operating System	Cisco	Nx-os	8.0\(1\)	All	All	All
Operating System	Cisco	Nx-os	8.1\(0.70\)s0	All	All	All
Operating System	Cisco	Nx-os	8.1\(0\)bd\(0.20\)	All	All	All

References

Reference	Source
Cisco NX-OS Software Python Parser Escape Vulnerability	CONFIRM
Cisco NX-OS Input Validation Flaw in Python Scripting Sandbox Lets Local Users Gain Elevated Privileges - SecurityTracker	SECTRACK
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.