



CVE-2021-1442

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2021-1442
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-24 20:15:00 UTC
Updated	2021-03-30 18:24:00 UTC
Description	A vulnerability in a diagnostic command for the Plug-and-Play (PnP) subsystem of Cisco IOS XE Software could allow an a

Risk And Classification

Problem Types: CWE-532

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios Xe	16.1.1	All	All	All
Operating System	Cisco	ios Xe	16.1.2	All	All	All
Operating System	Cisco	ios Xe	16.1.3	All	All	All
Operating System	Cisco	ios Xe	16.10.1	All	All	All
Operating System	Cisco	ios Xe	16.10.1a	All	All	All
Operating System	Cisco	ios Xe	16.10.1b	All	All	All
Operating System	Cisco	ios Xe	16.10.1c	All	All	All
Operating System	Cisco	ios Xe	16.10.1d	All	All	All
Operating System	Cisco	ios Xe	16.10.1e	All	All	All
Operating System	Cisco	ios Xe	16.10.1f	All	All	All
Operating System	Cisco	ios Xe	16.10.1g	All	All	All
Operating System	Cisco	ios Xe	16.10.1s	All	All	All
Operating System	Cisco	ios Xe	16.10.2	All	All	All
Operating System	Cisco	ios Xe	16.10.3	All	All	All
Operating System	Cisco	ios Xe	16.11.1	All	All	All
Operating System	Cisco	ios Xe	16.11.1a	All	All	All
Operating System	Cisco	ios Xe	16.11.1b	All	All	All

Operating System	Cisco	los Xe	16.11.1c	All	All	All
Operating System	Cisco	los Xe	16.11.1s	All	All	All
Operating System	Cisco	los Xe	16.11.2	All	All	All
Operating System	Cisco	los Xe	16.12.1	All	All	All
Operating System	Cisco	los Xe	16.12.1a	All	All	All
Operating System	Cisco	los Xe	16.12.1c	All	All	All
Operating System	Cisco	los Xe	16.12.1s	All	All	All
Operating System	Cisco	los Xe	16.12.1t	All	All	All
Operating System	Cisco	los Xe	16.12.1w	All	All	All
Operating System	Cisco	los Xe	16.12.1x	All	All	All
Operating System	Cisco	los Xe	16.12.1y	All	All	All
Operating System	Cisco	los Xe	16.12.1z	All	All	All
Operating System	Cisco	los Xe	16.12.2	All	All	All
Operating System	Cisco	los Xe	16.12.2a	All	All	All
Operating System	Cisco	los Xe	16.12.2s	All	All	All
Operating System	Cisco	los Xe	16.12.2t	All	All	All
Operating System	Cisco	los Xe	16.12.3	All	All	All
Operating System	Cisco	los Xe	16.12.3a	All	All	All
Operating System	Cisco	los Xe	16.12.3s	All	All	All
Operating System	Cisco	los Xe	16.12.4	All	All	All
Operating System	Cisco	los Xe	16.12.4a	All	All	All
Operating System	Cisco	los Xe	16.2.1	All	All	All
Operating System	Cisco	los Xe	16.2.2	All	All	All
Operating System	Cisco	los Xe	16.3.1	All	All	All
Operating System	Cisco	los Xe	16.3.10	All	All	All
Operating System	Cisco	los Xe	16.3.11	All	All	All
Operating System	Cisco	los Xe	16.3.1a	All	All	All
Operating System	Cisco	los Xe	16.3.2	All	All	All
Operating System	Cisco	los Xe	16.3.3	All	All	All
Operating System	Cisco	los Xe	16.3.4	All	All	All
Operating System	Cisco	los Xe	16.3.5	All	All	All
Operating System	Cisco	los Xe	16.3.5b	All	All	All
Operating System	Cisco	los Xe	16.3.6	All	All	All
Operating System	Cisco	los Xe	16.3.7	All	All	All
Operating System	Cisco	los Xe	16.3.8	All	All	All

Operating System	Cisco	ios Xe	16.3.9	All	All	All
Operating System	Cisco	ios Xe	16.4.1	All	All	All
Operating System	Cisco	ios Xe	16.4.2	All	All	All
Operating System	Cisco	ios Xe	16.4.3	All	All	All
Operating System	Cisco	ios Xe	16.5.1	All	All	All
Operating System	Cisco	ios Xe	16.5.1a	All	All	All
Operating System	Cisco	ios Xe	16.5.1b	All	All	All
Operating System	Cisco	ios Xe	16.5.2	All	All	All
Operating System	Cisco	ios Xe	16.5.3	All	All	All
Operating System	Cisco	ios Xe	16.6.1	All	All	All
Operating System	Cisco	ios Xe	16.6.2	All	All	All
Operating System	Cisco	ios Xe	16.6.3	All	All	All
Operating System	Cisco	ios Xe	16.6.4	All	All	All
Operating System	Cisco	ios Xe	16.6.4a	All	All	All
Operating System	Cisco	ios Xe	16.6.4s	All	All	All
Operating System	Cisco	ios Xe	16.6.5	All	All	All
Operating System	Cisco	ios Xe	16.6.5a	All	All	All
Operating System	Cisco	ios Xe	16.6.5b	All	All	All
Operating System	Cisco	ios Xe	16.6.6	All	All	All
Operating System	Cisco	ios Xe	16.6.7	All	All	All
Operating System	Cisco	ios Xe	16.6.7a	All	All	All
Operating System	Cisco	ios Xe	16.6.8	All	All	All
Operating System	Cisco	ios Xe	16.7.1	All	All	All
Operating System	Cisco	ios Xe	16.7.1a	All	All	All
Operating System	Cisco	ios Xe	16.7.1b	All	All	All
Operating System	Cisco	ios Xe	16.7.2	All	All	All
Operating System	Cisco	ios Xe	16.7.3	All	All	All
Operating System	Cisco	ios Xe	16.7.4	All	All	All
Operating System	Cisco	ios Xe	16.8.1	All	All	All
Operating System	Cisco	ios Xe	16.8.1a	All	All	All
Operating System	Cisco	ios Xe	16.8.1b	All	All	All
Operating System	Cisco	ios Xe	16.8.1c	All	All	All
Operating System	Cisco	ios Xe	16.8.1d	All	All	All
Operating System	Cisco	ios Xe	16.8.1e	All	All	All
Operating System	Cisco	ios Xe	16.8.1s	All	All	All

Operating System	Cisco	ios Xe	16.8.2	All	All	All
Operating System	Cisco	ios Xe	16.8.3	All	All	All
Operating System	Cisco	ios Xe	16.9.1	All	All	All
Operating System	Cisco	ios Xe	16.9.1a	All	All	All
Operating System	Cisco	ios Xe	16.9.1b	All	All	All
Operating System	Cisco	ios Xe	16.9.1c	All	All	All
Operating System	Cisco	ios Xe	16.9.1d	All	All	All
Operating System	Cisco	ios Xe	16.9.1s	All	All	All
Operating System	Cisco	ios Xe	16.9.2	All	All	All
Operating System	Cisco	ios Xe	16.9.2a	All	All	All
Operating System	Cisco	ios Xe	16.9.2s	All	All	All
Operating System	Cisco	ios Xe	16.9.3	All	All	All
Operating System	Cisco	ios Xe	16.9.3a	All	All	All
Operating System	Cisco	ios Xe	16.9.3h	All	All	All
Operating System	Cisco	ios Xe	16.9.3s	All	All	All
Operating System	Cisco	ios Xe	16.9.4	All	All	All
Operating System	Cisco	ios Xe	16.9.4c	All	All	All
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Operating System	Cisco	ios Xe	16.9.6	All	All	All
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Operating System	Cisco	ios Xe	17.1.1a	All	All	All
Operating System	Cisco	ios Xe	17.1.1s	All	All	All
Operating System	Cisco	ios Xe	17.1.1t	All	All	All
Operating System	Cisco	ios Xe	17.1.2	All	All	All
Operating System	Cisco	ios Xe	17.2.1	All	All	All
Operating System	Cisco	ios Xe	17.2.1a	All	All	All
Operating System	Cisco	ios Xe	17.2.1r	All	All	All
Operating System	Cisco	ios Xe	17.2.1v	All	All	All
Operating System	Cisco	ios Xe	3.10.0ce	All	All	All
Operating System	Cisco	ios Xe	3.10.0e	All	All	All
Operating System	Cisco	ios Xe	3.10.1ae	All	All	All
Operating System	Cisco	ios Xe	3.10.1e	All	All	All
Operating System	Cisco	ios Xe	3.10.1se	All	All	All
Operating System	Cisco	ios Xe	3.10.2e	All	All	All
Operating System	Cisco	ios Xe	3.10.3e	All	All	All

Operating System	Cisco	los Xe	3.11.0e	All	All	All
Operating System	Cisco	los Xe	3.11.1ae	All	All	All
Operating System	Cisco	los Xe	3.11.1e	All	All	All
Operating System	Cisco	los Xe	3.11.2ae	All	All	All
Operating System	Cisco	los Xe	3.11.2e	All	All	All
Operating System	Cisco	los Xe	3.13.10s	All	All	All
Operating System	Cisco	los Xe	3.13.8s	All	All	All
Operating System	Cisco	los Xe	3.13.9s	All	All	All
Operating System	Cisco	los Xe	3.16.0as	All	All	All
Operating System	Cisco	los Xe	3.16.0bs	All	All	All
Operating System	Cisco	los Xe	3.16.0cs	All	All	All
Operating System	Cisco	los Xe	3.16.0s	All	All	All
Operating System	Cisco	los Xe	3.16.10as	All	All	All
Operating System	Cisco	los Xe	3.16.10s	All	All	All
Operating System	Cisco	los Xe	3.16.1as	All	All	All
Operating System	Cisco	los Xe	3.16.1s	All	All	All
Operating System	Cisco	los Xe	3.16.2as	All	All	All
Operating System	Cisco	los Xe	3.16.2bs	All	All	All
Operating System	Cisco	los Xe	3.16.2s	All	All	All
Operating System	Cisco	los Xe	3.16.3as	All	All	All
Operating System	Cisco	los Xe	3.16.3s	All	All	All
Operating System	Cisco	los Xe	3.16.4as	All	All	All
Operating System	Cisco	los Xe	3.16.4bs	All	All	All
Operating System	Cisco	los Xe	3.16.4cs	All	All	All
Operating System	Cisco	los Xe	3.16.4ds	All	All	All
Operating System	Cisco	los Xe	3.16.4es	All	All	All
Operating System	Cisco	los Xe	3.16.4gs	All	All	All
Operating System	Cisco	los Xe	3.16.4s	All	All	All
Operating System	Cisco	los Xe	3.16.5as	All	All	All
Operating System	Cisco	los Xe	3.16.5bs	All	All	All
Operating System	Cisco	los Xe	3.16.5s	All	All	All
Operating System	Cisco	los Xe	3.16.6bs	All	All	All
Operating System	Cisco	los Xe	3.16.6s	All	All	All
Operating System	Cisco	los Xe	3.16.7as	All	All	All
Operating System	Cisco	los Xe	3.16.7bs	All	All	All

Operating System	Cisco	los Xe	3.16.7s	All	All	All
Operating System	Cisco	los Xe	3.16.8s	All	All	All
Operating System	Cisco	los Xe	3.16.9s	All	All	All
Operating System	Cisco	los Xe	3.17.0s	All	All	All
Operating System	Cisco	los Xe	3.17.1as	All	All	All
Operating System	Cisco	los Xe	3.17.1s	All	All	All
Operating System	Cisco	los Xe	3.17.2s	All	All	All
Operating System	Cisco	los Xe	3.17.3s	All	All	All
Operating System	Cisco	los Xe	3.17.4s	All	All	All
Operating System	Cisco	los Xe	3.18.0as	All	All	All
Operating System	Cisco	los Xe	3.18.0s	All	All	All
Operating System	Cisco	los Xe	3.18.0sp	All	All	All
Operating System	Cisco	los Xe	3.18.1asp	All	All	All
Operating System	Cisco	los Xe	3.18.1bsp	All	All	All
Operating System	Cisco	los Xe	3.18.1csp	All	All	All
Operating System	Cisco	los Xe	3.18.1gsp	All	All	All
Operating System	Cisco	los Xe	3.18.1hsp	All	All	All
Operating System	Cisco	los Xe	3.18.1isp	All	All	All
Operating System	Cisco	los Xe	3.18.1s	All	All	All
Operating System	Cisco	los Xe	3.18.1sp	All	All	All
Operating System	Cisco	los Xe	3.18.2asp	All	All	All
Operating System	Cisco	los Xe	3.18.2s	All	All	All
Operating System	Cisco	los Xe	3.18.2sp	All	All	All
Operating System	Cisco	los Xe	3.18.3asp	All	All	All
Operating System	Cisco	los Xe	3.18.3bsp	All	All	All
Operating System	Cisco	los Xe	3.18.3s	All	All	All
Operating System	Cisco	los Xe	3.18.3sp	All	All	All
Operating System	Cisco	los Xe	3.18.4s	All	All	All
Operating System	Cisco	los Xe	3.18.4sp	All	All	All
Operating System	Cisco	los Xe	3.18.5sp	All	All	All
Operating System	Cisco	los Xe	3.18.6sp	All	All	All
Operating System	Cisco	los Xe	3.18.7sp	All	All	All
Operating System	Cisco	los Xe	3.18.8asp	All	All	All
Operating System	Cisco	los Xe	3.18.8sp	All	All	All
Operating System	Cisco	los Xe	3.6.10e	All	All	All
Operating System	Cisco	los Xe	3.6.2s	All	All	All

Operating System	Cisco	ios xe	3.6.3e	All	All	All
Operating System	Cisco	ios Xe	3.6.4e	All	All	All
Operating System	Cisco	ios Xe	3.6.5ae	All	All	All
Operating System	Cisco	ios Xe	3.6.5be	All	All	All
Operating System	Cisco	ios Xe	3.6.5e	All	All	All
Operating System	Cisco	ios Xe	3.6.6e	All	All	All
Operating System	Cisco	ios Xe	3.6.7ae	All	All	All
Operating System	Cisco	ios Xe	3.6.7be	All	All	All
Operating System	Cisco	ios Xe	3.6.7e	All	All	All
Operating System	Cisco	ios Xe	3.6.8e	All	All	All
Operating System	Cisco	ios Xe	3.6.9ae	All	All	All
Operating System	Cisco	ios Xe	3.6.9e	All	All	All
Operating System	Cisco	ios Xe	3.7.3e	All	All	All
Operating System	Cisco	ios Xe	3.7.4e	All	All	All
Operating System	Cisco	ios Xe	3.7.5e	All	All	All
Operating System	Cisco	ios Xe	3.8.0e	All	All	All
Operating System	Cisco	ios Xe	3.8.10e	All	All	All
Operating System	Cisco	ios Xe	3.8.1e	All	All	All
Operating System	Cisco	ios Xe	3.8.2e	All	All	All
Operating System	Cisco	ios Xe	3.8.3e	All	All	All
Operating System	Cisco	ios Xe	3.8.4e	All	All	All
Operating System	Cisco	ios Xe	3.8.5ae	All	All	All
Operating System	Cisco	ios Xe	3.8.5e	All	All	All
Operating System	Cisco	ios Xe	3.8.6e	All	All	All
Operating System	Cisco	ios Xe	3.8.7e	All	All	All
Operating System	Cisco	ios Xe	3.8.8e	All	All	All
Operating System	Cisco	ios Xe	3.8.9e	All	All	All
Operating System	Cisco	ios Xe	3.9.0e	All	All	All
Operating System	Cisco	ios Xe	3.9.1e	All	All	All
Operating System	Cisco	ios Xe	3.9.2be	All	All	All
Operating System	Cisco	ios Xe	3.9.2e	All	All	All
Application	Oracle	Cisco ios Xe Software	16.1.1	All	All	All
Application	Oracle	Cisco ios Xe Software	16.1.2	All	All	All
Application	Oracle	Cisco ios Xe Software	16.1.3	All	All	All
Application	Oracle	Cisco ios Xe Software	16.10.1	All	All	All
Application	Oracle	Cisco ios Xe Software	16.10.1a	All	All	All

Application	Oracle	Cisco Ios Xe Software	17.1.2	All	All	All
Application	Oracle	Cisco Ios Xe Software	17.2.1	All	All	All
Application	Oracle	Cisco Ios Xe Software	17.2.1a	All	All	All
Application	Oracle	Cisco Ios Xe Software	17.2.1r	All	All	All
Application	Oracle	Cisco Ios Xe Software	17.2.1v	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.10.0ce	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.10.0e	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.10.1ae	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.10.1e	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.10.1se	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.10.2e	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.10.3e	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.11.0e	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.11.1ae	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.11.1e	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.11.2ae	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.11.2e	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.13.10s	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.13.8s	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.13.9s	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.16.0as	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.16.0bs	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.16.0cs	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.16.0s	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.16.10as	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.16.10s	All	All	All
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Application	Oracle	Cisco Ios Xe Software	3.16.2as	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.16.2bs	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.16.2s	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.16.3as	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.16.3s	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.16.4as	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.16.4bs	All	All	All

Application	Oracle	Cisco Ios Xe Software	3.8.7e	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.8.8e	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.8.9e	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.9.0e	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.9.1e	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.9.2be	All	All	All
Application	Oracle	Cisco Ios Xe Software	3.9.2e	All	All	All

References

Reference	Source	Link	Tags
Cisco IOS XE Software Plug-and-Play Privilege Escalation Vulnerability	CISCO	tools.cisco.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[316900](#) Cisco IOS XE Software Plug-and-Play Privilege Escalation Vulnerability(cisco-sa-ios-xe-pnp-priv-esc-AmG3kuVL)

[590879](#) Rockwell Automation Stratix Switches Impacted by IOS and IOS XE Software Multiple Vulnerabilities (PN1558)

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