



# CVE-2021-1392

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

## Summary

<b>CVE</b>	CVE-2021-1392
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@cisco.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-03-24 20:15:00 UTC
<b>Updated</b>	2023-11-07 03:28:00 UTC
<b>Description</b>	A vulnerability in the CLI command permissions of Cisco IOS and Cisco IOS XE Software could allow an authenticated, local user to execute arbitrary commands on the device.

## Risk And Classification

**Problem Types:** CWE-522

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios	15.0(1)ey	All	All	All
Operating System	Cisco	ios	15.0(1)ey1	All	All	All
Operating System	Cisco	ios	15.0(1)ey2	All	All	All
Operating System	Cisco	ios	15.1(3)svs	All	All	All
Operating System	Cisco	ios	15.1(3)svt1	All	All	All
Operating System	Cisco	ios	15.2(1)ey	All	All	All
Operating System	Cisco	ios	15.2(2a)e2	All	All	All
Operating System	Cisco	ios	15.2(2b)e	All	All	All
Operating System	Cisco	ios	15.2(2)e	All	All	All
Operating System	Cisco	ios	15.2(2)e1	All	All	All
Operating System	Cisco	ios	15.2(2)e10	All	All	All
Operating System	Cisco	ios	15.2(2)e2	All	All	All
Operating System	Cisco	ios	15.2(2)e3	All	All	All
Operating System	Cisco	ios	15.2(2)e4	All	All	All
Operating System	Cisco	ios	15.2(2)e5	All	All	All
Operating System	Cisco	ios	15.2(2)e5a	All	All	All
Operating System	Cisco	ios	15.2(2)e5b	All	All	All

Operating System	Cisco	ios	15.2(2)e6	All	All	All
Operating System	Cisco	ios	15.2(2)e7	All	All	All
Operating System	Cisco	ios	15.2(2)e7b	All	All	All
Operating System	Cisco	ios	15.2(2)e8	All	All	All
Operating System	Cisco	ios	15.2(2)e9	All	All	All
Operating System	Cisco	ios	15.2(2)ea	All	All	All
Operating System	Cisco	ios	15.2(2)ea1	All	All	All
Operating System	Cisco	ios	15.2(2)ea2	All	All	All
Operating System	Cisco	ios	15.2(2)ea3	All	All	All
Operating System	Cisco	ios	15.2(2)eb	All	All	All
Operating System	Cisco	ios	15.2(2)eb1	All	All	All
Operating System	Cisco	ios	15.2(2)eb2	All	All	All
Operating System	Cisco	ios	15.2(3)e1	All	All	All
Operating System	Cisco	ios	15.2(3)e2	All	All	All
Operating System	Cisco	ios	15.2(3)e3	All	All	All
Operating System	Cisco	ios	15.2(3)e4	All	All	All
Operating System	Cisco	ios	15.2(3)e5	All	All	All
Operating System	Cisco	ios	15.2(3)ea	All	All	All
Operating System	Cisco	ios	15.2(4)e5a	All	All	All
Operating System	Cisco	ios	15.2(4)ea	All	All	All
Operating System	Cisco	ios	15.2(4)ea1	All	All	All
Operating System	Cisco	ios	15.2(4)ea10	All	All	All
Operating System	Cisco	ios	15.2(4)ea2	All	All	All
Operating System	Cisco	ios	15.2(4)ea3	All	All	All
Operating System	Cisco	ios	15.2(4)ea4	All	All	All
Operating System	Cisco	ios	15.2(4)ea5	All	All	All
Operating System	Cisco	ios	15.2(4)ea6	All	All	All
Operating System	Cisco	ios	15.2(4)ea7	All	All	All
Operating System	Cisco	ios	15.2(4)ea8	All	All	All
Operating System	Cisco	ios	15.2(4)ea9	All	All	All
Operating System	Cisco	ios	15.2(4)ea9a	All	All	All
Operating System	Cisco	ios	15.2(4)ec1	All	All	All
Operating System	Cisco	ios	15.2(4)ec2	All	All	All
Operating System	Cisco	ios	15.2(4)jaz	All	All	All
Operating System	Cisco	ios	15.2(5a)e1	All	All	All

Operating System	Cisco	ios	15.2(5)e	All	All	All
Operating System	Cisco	ios	15.2(5)e1	All	All	All
Operating System	Cisco	ios	15.2(5)e2	All	All	All
Operating System	Cisco	ios	15.2(5)e2b	All	All	All
Operating System	Cisco	ios	15.2(5)e2c	All	All	All
Operating System	Cisco	ios	15.2(5)ea	All	All	All
Operating System	Cisco	ios	15.2(6)e	All	All	All
Operating System	Cisco	ios	15.2(6)e0a	All	All	All
Operating System	Cisco	ios	15.2(6)e0c	All	All	All
Operating System	Cisco	ios	15.2(6)e1	All	All	All
Operating System	Cisco	ios	15.2(6)e1a	All	All	All
Operating System	Cisco	ios	15.2(6)e1s	All	All	All
Operating System	Cisco	ios	15.2(7a)e0b	All	All	All
Operating System	Cisco	ios	15.2(7b)e0b	All	All	All
Operating System	Cisco	ios	15.2(7)e0b	All	All	All
Operating System	Cisco	ios	15.3(3)ja1	All	All	All
Operating System	Cisco	ios	15.3(3)ja10	All	All	All
Operating System	Cisco	ios	15.3(3)ja11	All	All	All
Operating System	Cisco	ios	15.3(3)ja12	All	All	All
Operating System	Cisco	ios	15.3(3)ja4	All	All	All
Operating System	Cisco	ios	15.3(3)ja5	All	All	All
Operating System	Cisco	ios	15.3(3)ja6	All	All	All
Operating System	Cisco	ios	15.3(3)ja7	All	All	All
Operating System	Cisco	ios	15.3(3)ja8	All	All	All
Operating System	Cisco	ios	15.3(3)jaa	All	All	All
Operating System	Cisco	ios	15.3(3)jax	All	All	All
Operating System	Cisco	ios	15.3(3)jax1	All	All	All
Operating System	Cisco	ios	15.3(3)jax2	All	All	All
Operating System	Cisco	ios	15.3(3)jb	All	All	All
Operating System	Cisco	ios	15.3(3)jbb	All	All	All
Operating System	Cisco	ios	15.3(3)jbb1	All	All	All
Operating System	Cisco	ios	15.3(3)jbb2	All	All	All
Operating System	Cisco	ios	15.3(3)jbb4	All	All	All
Operating System	Cisco	ios	15.3(3)jbb5	All	All	All
Operating System	Cisco	ios	15.3(3)jbb6	All	All	All

Operating System	Cisco	ios	15.3(3)jbb6a	All	All	All
Operating System	Cisco	ios	15.3(3)jbb8	All	All	All
Operating System	Cisco	ios	15.3(3)jc	All	All	All
Operating System	Cisco	ios	15.3(3)jc1	All	All	All
Operating System	Cisco	ios	15.3(3)jc14	All	All	All
Operating System	Cisco	ios	15.3(3)jc2	All	All	All
Operating System	Cisco	ios	15.3(3)jc3	All	All	All
Operating System	Cisco	ios	15.3(3)jc4	All	All	All
Operating System	Cisco	ios	15.3(3)jc5	All	All	All
Operating System	Cisco	ios	15.3(3)jc6	All	All	All
Operating System	Cisco	ios	15.3(3)jc8	All	All	All
Operating System	Cisco	ios	15.3(3)jc9	All	All	All
Operating System	Cisco	ios	15.3(3)jd	All	All	All
Operating System	Cisco	ios	15.3(3)jd11	All	All	All
Operating System	Cisco	ios	15.3(3)jd12	All	All	All
Operating System	Cisco	ios	15.3(3)jd13	All	All	All
Operating System	Cisco	ios	15.3(3)jd14	All	All	All
Operating System	Cisco	ios	15.3(3)jd16	All	All	All
Operating System	Cisco	ios	15.3(3)jd17	All	All	All
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Operating System	Cisco	ios	15.3(3)jd3	All	All	All
Operating System	Cisco	ios	15.3(3)jd4	All	All	All
Operating System	Cisco	ios	15.3(3)jd5	All	All	All
Operating System	Cisco	ios	15.3(3)jd6	All	All	All
Operating System	Cisco	ios	15.3(3)jd7	All	All	All
Operating System	Cisco	ios	15.3(3)jd8	All	All	All
Operating System	Cisco	ios	15.3(3)jd9	All	All	All
Operating System	Cisco	ios	15.3(3)je	All	All	All
Operating System	Cisco	ios	15.3(3)jf	All	All	All
Operating System	Cisco	ios	15.3(3)jf1	All	All	All
Operating System	Cisco	ios	15.3(3)jf10	All	All	All
Operating System	Cisco	ios	15.3(3)jf11	All	All	All
Operating System	Cisco	ios	15.3(3)jf12	All	All	All
Operating System	Cisco	ios	15.3(3)jf12i	All	All	All
Operating System	Cisco	ios	15.3(3)jf13	All	All	All
Operating System	Cisco	ios	15.3(3)jf2	All	All	All

Operating System	Cisco	ios	15.3(3)jf4	All	All	All
Operating System	Cisco	ios	15.3(3)jf5	All	All	All
Operating System	Cisco	ios	15.3(3)jf6	All	All	All
Operating System	Cisco	ios	15.3(3)jf7	All	All	All
Operating System	Cisco	ios	15.3(3)jf8	All	All	All
Operating System	Cisco	ios	15.3(3)jf9	All	All	All
Operating System	Cisco	ios	15.3(3)jg	All	All	All
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Operating System	Cisco	ios	15.3(3)jh	All	All	All
Operating System	Cisco	ios	15.3(3)jh1	All	All	All
Operating System	Cisco	ios	15.3(3)ji1	All	All	All
Operating System	Cisco	ios	15.3(3)ji3	All	All	All
Operating System	Cisco	ios	15.3(3)ji4	All	All	All
Operating System	Cisco	ios	15.3(3)ji5	All	All	All
Operating System	Cisco	ios	15.3(3)ji6	All	All	All
Operating System	Cisco	ios	15.3(3)jj	All	All	All
Operating System	Cisco	ios	15.3(3)jj1	All	All	All
Operating System	Cisco	ios	15.3(3)jk	All	All	All
Operating System	Cisco	ios	15.3(3)jk1	All	All	All
Operating System	Cisco	ios	15.3(3)jk1t	All	All	All
Operating System	Cisco	ios	15.3(3)jk2	All	All	All
Operating System	Cisco	ios	15.3(3)jk2a	All	All	All
Operating System	Cisco	ios	15.3(3)jk3	All	All	All
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Operating System	Cisco	ios	15.3(3)jnb2	All	All	All
Operating System	Cisco	ios	15.3(3)jnb3	All	All	All
Operating System	Cisco	ios	15.3(3)jnb4	All	All	All
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Operating System	Cisco	ios	15.3(3)jnc	All	All	All
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Operating System	Cisco	ios	15.3(3)jnd	All	All	All
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Operating System	Cisco	ios	15.3(3)jpd	All	All	All
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Operating System	Cisco	ios Xe	16.11.1c	All	All	All
Operating System	Cisco	ios Xe	16.11.1s	All	All	All
Operating System	Cisco	ios Xe	16.11.2	All	All	All
Operating System	Cisco	ios Xe	16.12.1	All	All	All
Operating System	Cisco	ios Xe	16.12.1a	All	All	All

Operating System	<a href="#">Cisco</a>	<a href="#">ios xe</a>	16.12.1c	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	16.12.1s	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	16.12.2	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	16.12.2s	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	16.12.2t	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	16.12.3	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	16.12.3s	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	16.12.4	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	16.9.1	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	16.9.1d	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	17.1.1	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	17.1.1s	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	17.1.1t	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	17.1.2	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	17.2.1	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	3.3.0xo	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	3.3.1xo	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	3.3.2xo	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	3.6.5be	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	3.7.4e	All	All	All
Operating System	<a href="#">Cisco</a>	<a href="#">ios Xe</a>	3.7.5e	All	All	All

## References

Reference	Source	Link	Tags
Cisco IOS and IOS XE Software Common Industrial Protocol Privilege Escalation Vulnerability	CISCO	<a href="https://tools.cisco.com">tools.cisco.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, an

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[316905](#) Cisco IOS and IOS XE Software Common Industrial Protocol Privilege Escalation Vulnerability(cisco-sa-XE-SAP-OPLbze68)

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

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