



# CVE-2020-3235

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

## Summary

<b>CVE</b>	CVE-2020-3235
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@cisco.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-06-03 18:15:00 UTC
<b>Updated</b>	2021-09-17 18:49:00 UTC
<b>Description</b>	A vulnerability in the Simple Network Management Protocol (SNMP) subsystem of Cisco IOS Software and Cisco IOS XE S

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Catalyst 4503-e	All	All	All	All
Hardware	Cisco	Catalyst 4503-e	All	All	All	All
Hardware	Cisco	Catalyst 4506-e	-	All	All	All
Hardware	Cisco	Catalyst 4506-e	-	All	All	All
Hardware	Cisco	Catalyst 4507r E	-	All	All	All
Hardware	Cisco	Catalyst 4507r E	-	All	All	All
Hardware	Cisco	Catalyst 4510r E	-	All	All	All
Hardware	Cisco	Catalyst 4510r E	-	All	All	All
Operating System	Cisco	ios	12.2(52)sg	All	All	All
Operating System	Cisco	ios	12.2(53)sg1	All	All	All
Operating System	Cisco	ios	12.2(53)sg10	All	All	All
Operating System	Cisco	ios	12.2(53)sg11	All	All	All
Operating System	Cisco	ios	12.2(53)sg2	All	All	All
Operating System	Cisco	ios	12.2(53)sg3	All	All	All
Operating System	Cisco	ios	12.2(53)sg4	All	All	All
Operating System	Cisco	ios	12.2(53)sg5	All	All	All
Operating System	Cisco	ios	12.2(53)sg6	All	All	All

Operating System	Cisco	los	12.2(53)sg7	All	All	All
Operating System	Cisco	los	12.2(53)sg8	All	All	All
Operating System	Cisco	los	12.2(53)sg9	All	All	All
Operating System	Cisco	los	12.2(54)sg	All	All	All
Operating System	Cisco	los	12.2(54)sg1	All	All	All
Operating System	Cisco	los	12.2(54)wo	All	All	All
Operating System	Cisco	los	15.0(1)ey	All	All	All
Operating System	Cisco	los	15.0(1)ey2	All	All	All
Operating System	Cisco	los	15.0(1)xo	All	All	All
Operating System	Cisco	los	15.0(1)xo1	All	All	All
Operating System	Cisco	los	15.0(2)ex2	All	All	All
Operating System	Cisco	los	15.0(2)ex8	All	All	All
Operating System	Cisco	los	15.0(2)sg	All	All	All
Operating System	Cisco	los	15.0(2)sg1	All	All	All
Operating System	Cisco	los	15.0(2)sg10	All	All	All
Operating System	Cisco	los	15.0(2)sg11	All	All	All
Operating System	Cisco	los	15.0(2)sg2	All	All	All
Operating System	Cisco	los	15.0(2)sg3	All	All	All
Operating System	Cisco	los	15.0(2)sg4	All	All	All
Operating System	Cisco	los	15.0(2)sg5	All	All	All
Operating System	Cisco	los	15.0(2)sg6	All	All	All
Operating System	Cisco	los	15.0(2)sg7	All	All	All
Operating System	Cisco	los	15.0(2)sg8	All	All	All
Operating System	Cisco	los	15.0(2)sg9	All	All	All
Operating System	Cisco	los	15.0(2)xo	All	All	All
Operating System	Cisco	los	15.1(1)sg	All	All	All
Operating System	Cisco	los	15.1(1)sg1	All	All	All
Operating System	Cisco	los	15.1(1)sg2	All	All	All
Operating System	Cisco	los	15.1(2)sg	All	All	All
Operating System	Cisco	los	15.1(2)sg1	All	All	All
Operating System	Cisco	los	15.1(2)sg2	All	All	All
Operating System	Cisco	los	15.1(2)sg3	All	All	All
Operating System	Cisco	los	15.1(2)sg4	All	All	All
Operating System	Cisco	los	15.1(2)sg5	All	All	All
Operating System	Cisco	los	15.1(2)sg6	All	All	All

Operating System	Cisco	ios	15.1(2)sg7	All	All	All
Operating System	Cisco	ios	15.1(2)sg8	All	All	All
Operating System	Cisco	ios	15.2(1)e	All	All	All
Operating System	Cisco	ios	15.2(1)e1	All	All	All
Operating System	Cisco	ios	15.2(1)e3	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)e9a	All	All	All
Operating System	Cisco	ios	15.2(3)e	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(4)e	All	All	All
Operating System	Cisco	ios	15.2(4)e1	All	All	All
Operating System	Cisco	ios	15.2(4)e2	All	All	All
Operating System	Cisco	ios	15.2(4)e3	All	All	All
Operating System	Cisco	ios	15.2(4)e4	All	All	All
Operating System	Cisco	ios	15.2(4)e5	All	All	All
Operating System	Cisco	ios	15.2(4)e5a	All	All	All
Operating System	Cisco	ios	15.2(4)e6	All	All	All

Operating System	Cisco	ios	15.2(4)e7	All	All	All
Operating System	Cisco	ios	15.2(4)e8	All	All	All
Operating System	Cisco	ios	15.3(3)jpi	All	All	All
Operating System	Cisco	ios	12.2(52)sg	All	All	All
Operating System	Cisco	ios	12.2(53)sg1	All	All	All
Operating System	Cisco	ios	12.2(53)sg10	All	All	All
Operating System	Cisco	ios	12.2(53)sg11	All	All	All
Operating System	Cisco	ios	12.2(53)sg2	All	All	All
Operating System	Cisco	ios	12.2(53)sg3	All	All	All
Operating System	Cisco	ios	12.2(53)sg4	All	All	All
Operating System	Cisco	ios	12.2(53)sg5	All	All	All
Operating System	Cisco	ios	12.2(53)sg6	All	All	All
Operating System	Cisco	ios	12.2(53)sg7	All	All	All
Operating System	Cisco	ios	12.2(53)sg8	All	All	All
Operating System	Cisco	ios	12.2(53)sg9	All	All	All
Operating System	Cisco	ios	12.2(54)sg	All	All	All
Operating System	Cisco	ios	12.2(54)sg1	All	All	All
Operating System	Cisco	ios	12.2(54)wo	All	All	All
Operating System	Cisco	ios	15.0(1)ey	All	All	All
Operating System	Cisco	ios	15.0(1)ey2	All	All	All
Operating System	Cisco	ios	15.0(1)xo	All	All	All
Operating System	Cisco	ios	15.0(1)xo1	All	All	All
Operating System	Cisco	ios	15.0(2)ex2	All	All	All
Operating System	Cisco	ios	15.0(2)ex8	All	All	All
Operating System	Cisco	ios	15.0(2)sg	All	All	All
Operating System	Cisco	ios	15.0(2)sg1	All	All	All
Operating System	Cisco	ios	15.0(2)sg10	All	All	All
Operating System	Cisco	ios	15.0(2)sg11	All	All	All
Operating System	Cisco	ios	15.0(2)sg2	All	All	All
Operating System	Cisco	ios	15.0(2)sg3	All	All	All
Operating System	Cisco	ios	15.0(2)sg4	All	All	All
Operating System	Cisco	ios	15.0(2)sg5	All	All	All
Operating System	Cisco	ios	15.0(2)sg6	All	All	All
Operating System	Cisco	ios	15.0(2)sg7	All	All	All
Operating System	Cisco	ios	15.0(2)sg8	All	All	All
Operating System	Cisco	ios	15.0(2)sg9	All	All	All

Operating System	Cisco	los	15.0(2)xo	All	All	All
Operating System	Cisco	los	15.1(1)sg	All	All	All
Operating System	Cisco	los	15.1(1)sg1	All	All	All
Operating System	Cisco	los	15.1(1)sg2	All	All	All
Operating System	Cisco	los	15.1(2)sg	All	All	All
Operating System	Cisco	los	15.1(2)sg1	All	All	All
Operating System	Cisco	los	15.1(2)sg2	All	All	All
Operating System	Cisco	los	15.1(2)sg3	All	All	All
Operating System	Cisco	los	15.1(2)sg4	All	All	All
Operating System	Cisco	los	15.1(2)sg5	All	All	All
Operating System	Cisco	los	15.1(2)sg6	All	All	All
Operating System	Cisco	los	15.1(2)sg7	All	All	All
Operating System	Cisco	los	15.1(2)sg8	All	All	All
Operating System	Cisco	los	15.2(1)e	All	All	All
Operating System	Cisco	los	15.2(1)e1	All	All	All
Operating System	Cisco	los	15.2(1)e3	All	All	All
Operating System	Cisco	los	15.2(2b)e	All	All	All
Operating System	Cisco	los	15.2(2)e	All	All	All
Operating System	Cisco	los	15.2(2)e1	All	All	All
Operating System	Cisco	los	15.2(2)e10	All	All	All
Operating System	Cisco	los	15.2(2)e2	All	All	All
Operating System	Cisco	los	15.2(2)e3	All	All	All
Operating System	Cisco	los	15.2(2)e4	All	All	All
Operating System	Cisco	los	15.2(2)e5	All	All	All
Operating System	Cisco	los	15.2(2)e5a	All	All	All
Operating System	Cisco	los	15.2(2)e5b	All	All	All
Operating System	Cisco	los	15.2(2)e6	All	All	All
Operating System	Cisco	los	15.2(2)e7	All	All	All
Operating System	Cisco	los	15.2(2)e7b	All	All	All
Operating System	Cisco	los	15.2(2)e8	All	All	All
Operating System	Cisco	los	15.2(2)e9	All	All	All
Operating System	Cisco	los	15.2(2)e9a	All	All	All
Operating System	Cisco	los	15.2(3)e	All	All	All
Operating System	Cisco	los	15.2(3)e1	All	All	All
Operating System	Cisco	los	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(4)e	All	All	All
Operating System	Cisco	ios	15.2(4)e1	All	All	All
Operating System	Cisco	ios	15.2(4)e2	All	All	All
Operating System	Cisco	ios	15.2(4)e3	All	All	All
Operating System	Cisco	ios	15.2(4)e4	All	All	All
Operating System	Cisco	ios	15.2(4)e5	All	All	All
Operating System	Cisco	ios	15.2(4)e5a	All	All	All
Operating System	Cisco	ios	15.2(4)e6	All	All	All
Operating System	Cisco	ios	15.2(4)e7	All	All	All
Operating System	Cisco	ios	15.2(4)e8	All	All	All
Operating System	Cisco	ios	15.3(3)jppj	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	3.2.0sg	All	All	All
Operating System	Cisco	ios Xe	3.2.10sg	All	All	All
Operating System	Cisco	ios Xe	3.2.11sg	All	All	All
Operating System	Cisco	ios Xe	3.2.1sg	All	All	All
Operating System	Cisco	ios Xe	3.2.2sg	All	All	All
Operating System	Cisco	ios Xe	3.2.3sg	All	All	All
Operating System	Cisco	ios Xe	3.2.4sg	All	All	All
Operating System	Cisco	ios Xe	3.2.5sg	All	All	All
Operating System	Cisco	ios Xe	3.2.6sg	All	All	All
Operating System	Cisco	ios Xe	3.2.7sg	All	All	All
Operating System	Cisco	ios Xe	3.2.8sg	All	All	All
Operating System	Cisco	ios Xe	3.2.9sg	All	All	All
Operating System	Cisco	ios Xe	3.3.0sg	All	All	All
Operating System	Cisco	ios Xe	3.3.0xo	All	All	All
Operating System	Cisco	ios Xe	3.3.1sg	All	All	All
Operating System	Cisco	ios Xe	3.3.1sg	All	All	All

Operating System	Cisco	ios xe	3.3.1xo	All	All	All
Operating System	Cisco	ios Xe	3.3.2sg	All	All	All
Operating System	Cisco	ios Xe	3.3.2xo	All	All	All
Operating System	Cisco	ios Xe	3.4.0sg	All	All	All
Operating System	Cisco	ios Xe	3.4.1sg	All	All	All
Operating System	Cisco	ios Xe	3.4.2sg	All	All	All
Operating System	Cisco	ios Xe	3.4.3sg	All	All	All
Operating System	Cisco	ios Xe	3.4.4sg	All	All	All
Operating System	Cisco	ios Xe	3.4.5sg	All	All	All
Operating System	Cisco	ios Xe	3.4.6sg	All	All	All
Operating System	Cisco	ios Xe	3.4.7sg	All	All	All
Operating System	Cisco	ios Xe	3.4.8sg	All	All	All
Operating System	Cisco	ios Xe	3.5.0e	All	All	All
Operating System	Cisco	ios Xe	3.5.1e	All	All	All
Operating System	Cisco	ios Xe	3.5.2e	All	All	All
Operating System	Cisco	ios Xe	3.5.3e	All	All	All
Operating System	Cisco	ios Xe	3.6.0be	All	All	All
Operating System	Cisco	ios Xe	3.6.0e	All	All	All
Operating System	Cisco	ios Xe	3.6.10e	All	All	All
Operating System	Cisco	ios Xe	3.6.1e	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	3.6.7e	All	All	All
Operating System	Cisco	ios Xe	3.6.8e	All	All	All
Operating System	Cisco	ios Xe	3.6.9e	All	All	All
Operating System	Cisco	ios Xe	3.7.0e	All	All	All
Operating System	Cisco	ios Xe	3.7.1e	All	All	All
Operating System	Cisco	ios Xe	3.7.2e	All	All	All
Operating System	Cisco	ios Xe	3.7.3e	All	All	All
Operating System	Cisco	ios Xe	3.8.0e	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	3.9.0e	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
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	3.2.0sg	All	All	All
Operating System	Cisco	ios Xe	3.2.10sg	All	All	All
Operating System	Cisco	ios Xe	3.2.11sg	All	All	All
Operating System	Cisco	ios Xe	3.2.1sg	All	All	All
Operating System	Cisco	ios Xe	3.2.2sg	All	All	All
Operating System	Cisco	ios Xe	3.2.3sg	All	All	All
Operating System	Cisco	ios Xe	3.2.4sg	All	All	All
Operating System	Cisco	ios Xe	3.2.5sg	All	All	All
Operating System	Cisco	ios Xe	3.2.6sg	All	All	All
Operating System	Cisco	ios Xe	3.2.7sg	All	All	All
Operating System	Cisco	ios Xe	3.2.8sg	All	All	All
Operating System	Cisco	ios Xe	3.2.9sg	All	All	All
Operating System	Cisco	ios Xe	3.3.0sg	All	All	All
Operating System	Cisco	ios Xe	3.3.0xo	All	All	All
Operating System	Cisco	ios Xe	3.3.1sg	All	All	All
Operating System	Cisco	ios Xe	3.3.1xo	All	All	All
Operating System	Cisco	ios Xe	3.3.2sg	All	All	All
Operating System	Cisco	ios Xe	3.3.2xo	All	All	All

Operating System	Cisco	ios Xe	3.4.0sg	All	All	All
Operating System	Cisco	ios Xe	3.4.1sg	All	All	All
Operating System	Cisco	ios Xe	3.4.2sg	All	All	All
Operating System	Cisco	ios Xe	3.4.3sg	All	All	All
Operating System	Cisco	ios Xe	3.4.4sg	All	All	All
Operating System	Cisco	ios Xe	3.4.5sg	All	All	All
Operating System	Cisco	ios Xe	3.4.6sg	All	All	All
Operating System	Cisco	ios Xe	3.4.7sg	All	All	All
Operating System	Cisco	ios Xe	3.4.8sg	All	All	All
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Operating System	Cisco	ios Xe	3.5.1e	All	All	All
Operating System	Cisco	ios Xe	3.5.2e	All	All	All
Operating System	Cisco	ios Xe	3.5.3e	All	All	All
Operating System	Cisco	ios Xe	3.6.0be	All	All	All
Operating System	Cisco	ios Xe	3.6.0e	All	All	All
Operating System	Cisco	ios Xe	3.6.10e	All	All	All
Operating System	Cisco	ios Xe	3.6.1e	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	3.6.7e	All	All	All
Operating System	Cisco	ios Xe	3.6.8e	All	All	All
Operating System	Cisco	ios Xe	3.6.9e	All	All	All
Operating System	Cisco	ios Xe	3.7.0e	All	All	All
Operating System	Cisco	ios Xe	3.7.1e	All	All	All
Operating System	Cisco	ios Xe	3.7.2e	All	All	All
Operating System	Cisco	ios Xe	3.7.3e	All	All	All
Operating System	Cisco	ios Xe	3.8.0e	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	3.8.5e	All	All	All

Operating System	Cisco	IOS XE	3.8.3ae	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	3.9.0e	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	Goldengate Management Pack	12.2.1.2.0	All	All	All

## References

Reference	Source	Link	Tag
Oracle Critical Patch Update Advisory - October 2020	MISC	<a href="http://www.oracle.com">www.oracle.com</a>	
Cisco IOS and IOS XE Software Simple Network Management Protocol Denial of Service Vulnerability	CISCO	<a href="http://tools.cisco.com">tools.cisco.com</a>	Ven
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canc
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canc

No vendor comments have been submitted for this CVE.

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

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