



CVE-2016-6386

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

Summary

CVE	CVE-2016-6386
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-10-05 17:59:00 UTC
Updated	2020-09-29 12:14:00 UTC
Description	Cisco IOS XE 3.1 through 3.17 and 16.1 on 64-bit platforms allows remote attackers to cause a denial of service (data-struct

Risk And Classification

Problem Types: CWE-399

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios Xe	3.1.0s	All	All	All
Operating System	Cisco	ios Xe	3.1.0sg	All	All	All
Operating System	Cisco	ios Xe	3.1.1s	All	All	All
Operating System	Cisco	ios Xe	3.1.1sg	All	All	All
Operating System	Cisco	ios Xe	3.1.2s	All	All	All
Operating System	Cisco	ios Xe	3.1.3as	All	All	All
Operating System	Cisco	ios Xe	3.1.4as	All	All	All
Operating System	Cisco	ios Xe	3.1.4s	All	All	All
Operating System	Cisco	ios Xe	3.10.0s	All	All	All
Operating System	Cisco	ios Xe	3.10.1s	All	All	All
Operating System	Cisco	ios Xe	3.10.1xbs	All	All	All
Operating System	Cisco	ios Xe	3.10.2s	All	All	All
Operating System	Cisco	ios Xe	3.10.3s	All	All	All
Operating System	Cisco	ios Xe	3.10.4s	All	All	All
Operating System	Cisco	ios Xe	3.10.5s	All	All	All
Operating System	Cisco	ios Xe	3.10.6s	All	All	All
Operating System	Cisco	ios Xe	3.10.7s	All	All	All

Operating System	Cisco	ios Xe	3.11.0s	All	All	All
Operating System	Cisco	ios Xe	3.11.1s	All	All	All
Operating System	Cisco	ios Xe	3.11.2s	All	All	All
Operating System	Cisco	ios Xe	3.11.3s	All	All	All
Operating System	Cisco	ios Xe	3.11.4s	All	All	All
Operating System	Cisco	ios Xe	3.12.0as	All	All	All
Operating System	Cisco	ios Xe	3.12.0s	All	All	All
Operating System	Cisco	ios Xe	3.12.1s	All	All	All
Operating System	Cisco	ios Xe	3.12.2s	All	All	All
Operating System	Cisco	ios Xe	3.12.3s	All	All	All
Operating System	Cisco	ios Xe	3.12.4s	All	All	All
Operating System	Cisco	ios Xe	3.13.0as	All	All	All
Operating System	Cisco	ios Xe	3.13.0s	All	All	All
Operating System	Cisco	ios Xe	3.13.1s	All	All	All
Operating System	Cisco	ios Xe	3.13.2as	All	All	All
Operating System	Cisco	ios Xe	3.13.2s	All	All	All
Operating System	Cisco	ios Xe	3.13.3s	All	All	All
Operating System	Cisco	ios Xe	3.13.4s	All	All	All
Operating System	Cisco	ios Xe	3.14.0s	All	All	All
Operating System	Cisco	ios Xe	3.14.1s	All	All	All
Operating System	Cisco	ios Xe	3.14.2s	All	All	All
Operating System	Cisco	ios Xe	3.14.3s	All	All	All
Operating System	Cisco	ios Xe	3.15.0s	All	All	All
Operating System	Cisco	ios Xe	3.15.1cs	All	All	All
Operating System	Cisco	ios Xe	3.15.1s	All	All	All
Operating System	Cisco	ios Xe	3.15.2s	All	All	All
Operating System	Cisco	ios Xe	3.16.0cs	All	All	All
Operating System	Cisco	ios Xe	3.16.0s	All	All	All
Operating System	Cisco	ios Xe	3.16.1as	All	All	All
Operating System	Cisco	ios Xe	3.16.1s	All	All	All
Operating System	Cisco	ios Xe	3.17.0s	All	All	All
Operating System	Cisco	ios Xe	3.2.0se	All	All	All
Operating System	Cisco	ios Xe	3.2.1s	All	All	All
Operating System	Cisco	ios Xe	3.2.1se	All	All	All
Operating System	Cisco	ios Xe	3.2.2s	All	All	All

Operating System	Cisco	ios Xe	3.2.2se	All	All	All
Operating System	Cisco	ios Xe	3.2.3se	All	All	All
Operating System	Cisco	ios Xe	3.3.0s	All	All	All
Operating System	Cisco	ios Xe	3.3.0se	All	All	All
Operating System	Cisco	ios Xe	3.3.0sq	All	All	All
Operating System	Cisco	ios Xe	3.3.1s	All	All	All
Operating System	Cisco	ios Xe	3.3.1se	All	All	All
Operating System	Cisco	ios Xe	3.3.1sq	All	All	All
Operating System	Cisco	ios Xe	3.3.2s	All	All	All
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Operating System	Cisco	ios Xe	3.4.0as	All	All	All
Operating System	Cisco	ios Xe	3.4.0s	All	All	All
Operating System	Cisco	ios Xe	3.4.0sq	All	All	All
Operating System	Cisco	ios Xe	3.4.1s	All	All	All
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Operating System	Cisco	ios Xe	3.4.4s	All	All	All
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Operating System	Cisco	ios Xe	3.4.6s	All	All	All
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Operating System	Cisco	ios Xe	3.5.0sq	All	All	All
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Operating System	Cisco	ios Xe	3.5.1s	All	All	All
Operating System	Cisco	ios Xe	3.5.1sq	All	All	All
Operating System	Cisco	ios Xe	3.5.2e	All	All	All
Operating System	Cisco	ios Xe	3.5.2s	All	All	All
Operating System	Cisco	ios Xe	3.5.2sq	All	All	All
Operating System	Cisco	ios Xe	3.5.3e	All	All	All
Operating System	Cisco	ios Xe	3.5.3sq	All	All	All
Operating System	Cisco	ios Xe	3.6.0e	All	All	All

Operating System	Cisco	ios Xe	3.6.0s	All	All	All
Operating System	Cisco	ios Xe	3.6.1e	All	All	All
Operating System	Cisco	ios Xe	3.6.1s	All	All	All
Operating System	Cisco	ios Xe	3.6.2ae	All	All	All
Operating System	Cisco	ios Xe	3.6.2e	All	All	All
Operating System	Cisco	ios Xe	3.6.2s	All	All	All
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Operating System	Cisco	ios Xe	3.8.2s	All	All	All
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Operating System	Cisco	ios Xe	3.1.1sg	All	All	All
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Operating System	Cisco	ios Xe	3.1.4as	All	All	All
Operating System	Cisco	ios Xe	3.1.4s	All	All	All
Operating System	Cisco	ios Xe	3.10.0s	All	All	All
Operating System	Cisco	ios Xe	3.10.1s	All	All	All
Operating System	Cisco	ios Xe	3.10.1xbs	All	All	All
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Operating System	Cisco	ios Xe	3.10.5s	All	All	All
Operating System	Cisco	ios Xe	3.10.6s	All	All	All
Operating System	Cisco	ios Xe	3.10.7s	All	All	All
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Operating System	Cisco	ios Xe	3.11.2s	All	All	All
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Operating System	Cisco	ios Xe	3.11.4s	All	All	All
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Operating System	Cisco	ios Xe	3.12.0s	All	All	All
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Operating System	Cisco	ios Xe	3.12.2s	All	All	All
Operating System	Cisco	ios Xe	3.12.3s	All	All	All
Operating System	Cisco	ios Xe	3.12.4s	All	All	All
Operating System	Cisco	ios Xe	3.13.0as	All	All	All
Operating System	Cisco	ios Xe	3.13.0s	All	All	All
Operating System	Cisco	ios Xe	3.13.1s	All	All	All
Operating System	Cisco	ios Xe	3.13.2as	All	All	All
Operating System	Cisco	ios Xe	3.13.2s	All	All	All
Operating System	Cisco	ios Xe	3.13.3s	All	All	All
Operating System	Cisco	ios Xe	3.13.4s	All	All	All
Operating System	Cisco	ios Xe	3.14.0s	All	All	All
Operating System	Cisco	ios Xe	3.14.1s	All	All	All
Operating System	Cisco	ios Xe	3.14.2s	All	All	All
Operating System	Cisco	ios Xe	3.14.3s	All	All	All
Operating System	Cisco	ios Xe	3.15.0s	All	All	All

Operating System	Cisco	ios Xe	3.15.1cs	All	All	All
Operating System	Cisco	ios Xe	3.15.1s	All	All	All
Operating System	Cisco	ios Xe	3.15.2s	All	All	All
Operating System	Cisco	ios Xe	3.16.0cs	All	All	All
Operating System	Cisco	ios Xe	3.16.0s	All	All	All
Operating System	Cisco	ios Xe	3.16.1as	All	All	All
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Operating System	Cisco	ios Xe	3.2.2s	All	All	All
Operating System	Cisco	ios Xe	3.2.2se	All	All	All
Operating System	Cisco	ios Xe	3.2.3se	All	All	All
Operating System	Cisco	ios Xe	3.3.0s	All	All	All
Operating System	Cisco	ios Xe	3.3.0se	All	All	All
Operating System	Cisco	ios Xe	3.3.0sq	All	All	All
Operating System	Cisco	ios Xe	3.3.1s	All	All	All
Operating System	Cisco	ios Xe	3.3.1se	All	All	All
Operating System	Cisco	ios Xe	3.3.1sq	All	All	All
Operating System	Cisco	ios Xe	3.3.2s	All	All	All
Operating System	Cisco	ios Xe	3.3.2se	All	All	All
Operating System	Cisco	ios Xe	3.3.3se	All	All	All
Operating System	Cisco	ios Xe	3.3.4se	All	All	All
Operating System	Cisco	ios Xe	3.3.5se	All	All	All
Operating System	Cisco	ios Xe	3.4.0as	All	All	All
Operating System	Cisco	ios Xe	3.4.0s	All	All	All
Operating System	Cisco	ios Xe	3.4.0sq	All	All	All
Operating System	Cisco	ios Xe	3.4.1s	All	All	All
Operating System	Cisco	ios Xe	3.4.1sq	All	All	All
Operating System	Cisco	ios Xe	3.4.2s	All	All	All
Operating System	Cisco	ios Xe	3.4.3s	All	All	All
Operating System	Cisco	ios Xe	3.4.4s	All	All	All
Operating System	Cisco	ios Xe	3.4.5s	All	All	All
Operating System	Cisco	ios Xe	3.4.6s	All	All	All
Operating System	Cisco	ios Xe	3.5.0s	All	All	All

Operating System	Cisco	ios Xe	3.5.0e	All	All	All
Operating System	Cisco	ios Xe	3.5.0s	All	All	All
Operating System	Cisco	ios Xe	3.5.0sq	All	All	All
Operating System	Cisco	ios Xe	3.5.1e	All	All	All
Operating System	Cisco	ios Xe	3.5.1s	All	All	All
Operating System	Cisco	ios Xe	3.5.1sq	All	All	All
Operating System	Cisco	ios Xe	3.5.2e	All	All	All
Operating System	Cisco	ios Xe	3.5.2s	All	All	All
Operating System	Cisco	ios Xe	3.5.2sq	All	All	All
Operating System	Cisco	ios Xe	3.5.3e	All	All	All
Operating System	Cisco	ios Xe	3.5.3sq	All	All	All
Operating System	Cisco	ios Xe	3.6.0e	All	All	All
Operating System	Cisco	ios Xe	3.6.0s	All	All	All
Operating System	Cisco	ios Xe	3.6.1e	All	All	All
Operating System	Cisco	ios Xe	3.6.1s	All	All	All
Operating System	Cisco	ios Xe	3.6.2ae	All	All	All
Operating System	Cisco	ios Xe	3.6.2e	All	All	All
Operating System	Cisco	ios 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	3.7.0s	All	All	All
Operating System	Cisco	ios Xe	3.7.1e	All	All	All
Operating System	Cisco	ios Xe	3.7.1s	All	All	All
Operating System	Cisco	ios Xe	3.7.2e	All	All	All
Operating System	Cisco	ios Xe	3.7.2s	All	All	All
Operating System	Cisco	ios Xe	3.7.2ts	All	All	All
Operating System	Cisco	ios Xe	3.7.3e	All	All	All
Operating System	Cisco	ios Xe	3.7.3s	All	All	All
Operating System	Cisco	ios Xe	3.7.4as	All	All	All
Operating System	Cisco	ios Xe	3.7.4s	All	All	All
Operating System	Cisco	ios Xe	3.7.5s	All	All	All
Operating System	Cisco	ios Xe	3.7.6s	All	All	All
Operating System	Cisco	ios Xe	3.8.0e	All	All	All
Operating System	Cisco	ios Xe	3.8.0ex	All	All	All
Operating System	Cisco	ios Xe	3.8.0s	All	All	All
Operating System	Cisco	ios Xe	3.8.1e	All	All	All

Operating System	Cisco	los Xe	3.8.1s	All	All	All
Operating System	Cisco	los Xe	3.8.2s	All	All	All
Operating System	Cisco	los Xe	3.9.0as	All	All	All
Operating System	Cisco	los Xe	3.9.0s	All	All	All
Operating System	Cisco	los Xe	3.9.1as	All	All	All
Operating System	Cisco	los Xe	3.9.1s	All	All	All
Operating System	Cisco	los Xe	3.9.2s	All	All	All
Operating System	Cisco	los Xe 16.1	16.1.2	All	All	All
Operating System	Cisco	los Xe 16.1	16.1.2	All	All	All
Operating System	Cisco	los Xe 3.2ja	3.2.0ja	All	All	All
Operating System	Cisco	los Xe 3.2ja	3.2.0ja	All	All	All
Operating System	Cisco	los Xe 3.3sg	3.3.0sg	All	All	All
Operating System	Cisco	los Xe 3.3sg	3.3.1sg	All	All	All
Operating System	Cisco	los Xe 3.3sg	3.3.2sg	All	All	All
Operating System	Cisco	los Xe 3.3sg	3.3.0sg	All	All	All
Operating System	Cisco	los Xe 3.3sg	3.3.1sg	All	All	All
Operating System	Cisco	los Xe 3.3sg	3.3.2sg	All	All	All
Operating System	Cisco	los Xe 3.3xo	3.3.0xo	All	All	All
Operating System	Cisco	los Xe 3.3xo	3.3.1xo	All	All	All
Operating System	Cisco	los Xe 3.3xo	3.3.2xo	All	All	All
Operating System	Cisco	los Xe 3.3xo	3.3.0xo	All	All	All
Operating System	Cisco	los Xe 3.3xo	3.3.1xo	All	All	All
Operating System	Cisco	los Xe 3.3xo	3.3.2xo	All	All	All
Operating System	Cisco	los Xe 3.4sg	3.4.0sg	All	All	All
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Operating System	Cisco	los Xe 3.4sg	3.4.5sg	All	All	All
Operating System	Cisco	los Xe 3.4sg	3.4.6sg	All	All	All
Operating System	Cisco	los Xe 3.4sg	3.4.7sg	All	All	All
Operating System	Cisco	los Xe 3.4sg	3.4.0sg	All	All	All
Operating System	Cisco	los Xe 3.4sg	3.4.1sg	All	All	All
Operating System	Cisco	los Xe 3.4sg	3.4.2sg	All	All	All
Operating System	Cisco	los Xe 3.4sg	3.4.3sg	All	All	All

Operating System	Cisco	ios Xe 3.4sg	3.4.4sg	All	All	All
Operating System	Cisco	ios Xe 3.4sg	3.4.5sg	All	All	All
Operating System	Cisco	ios Xe 3.4sg	3.4.6sg	All	All	All
Operating System	Cisco	ios Xe 3.4sg	3.4.7sg	All	All	All

References

Reference	Source	Link
Cisco IOS/IOS XE Multiple Flaws Let Remote Users Cause the Target System to Reload - SecurityTracker	SECTRACK	www.securitytracker.com
Cisco IOS XE Software CVE-2016-6386 Denial of Service Vulnerability	BID	www.securityfocus.com
Cisco IOS XE Software IP Fragment Reassembly Denial of Service Vulnerability	CISCO	tools.cisco.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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