



CVE-2016-2463

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2016-2463
State	PUBLISHED
Assigner	google_android
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-06-13 01:59:02 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Multiple integer overflows in the h264dec component in libstagefright in mediaserver in Android 4.x before 4.4.4, 5.0.x before 5.0.1, and 5.0.2 before 5.0.2.1 allow remote attackers to execute arbitrary code or cause a denial of service (crash) via crafted MP4 files, as demonstrated by a proof of concept exploit.

Risk And Classification

Primary CVSS: v3.0 8.4 HIGH from nvd@nist.gov

CVSS:3.0/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Problem Types: CWE-119 | CWE-189 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	8.4	HIGH	CVSS:3.0/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P

CVSS v3.0 Breakdown

Attack Vector	Local
Attack Complexity	Low
Privileges Required	None
User Interaction	None
Scope	Unchanged
Confidentiality	High
Integrity	High
Availability	

High

CVSS:3.0/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Google	Android	4.0	All	All	All
Operating System	Google	Android	4.0.1	All	All	All
Operating System	Google	Android	4.0.2	All	All	All
Operating System	Google	Android	4.0.3	All	All	All
Operating System	Google	Android	4.0.4	All	All	All
Operating System	Google	Android	4.1	All	All	All
Operating System	Google	Android	4.1.2	All	All	All
Operating System	Google	Android	4.2	All	All	All
Operating System	Google	Android	4.2.1	All	All	All
Operating System	Google	Android	4.2.2	All	All	All
Operating System	Google	Android	4.3	All	All	All
Operating System	Google	Android	4.3.1	All	All	All
Operating System	Google	Android	4.4	All	All	All
Operating System	Google	Android	4.4.1	All	All	All
Operating System	Google	Android	4.4.2	All	All	All
Operating System	Google	Android	4.4.3	All	All	All
Operating System	Google	Android	5.0	All	All	All

Operating System	Google	Android	5.0.1	All	All	All
Operating System	Google	Android	5.1	All	All	All
Operating System	Google	Android	5.1.0	All	All	All
Operating System	Google	Android	6.0	All	All	All
Operating System	Google	Android	6.0.1	All	All	All

Vendor Declared Affected Products						
Source	Vendor	Product	Version	Platforms		
CNA	Na	N/a	affected n/a	Not specified		

References		
Reference	Source	Link
Android Security Bulletin—June 2016 Android Open Source Project	af854a3a-2127-422b-91ae-364da2661108	sou
2b6f22dc64d456471a1dc6df09d515771d1427c8 - platform/frameworks/av - Git at Google	af854a3a-2127-422b-91ae-364da2661108	andi
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd.

No vendor comments have been submitted for this CVE.

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