



CVE-2017-5878

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2017-5878
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-06-08 16:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	The AMF unmarshallers in Red5 Media Server before 1.0.8 do not restrict the classes for which it performs deserialization,

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from nvd@nist.gov

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Problem Types: CWE-502 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.1/AV:N/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 v3.1 Breakdown

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

High

CVSS:3.1/AV:N/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	Red5	Media Server	1.0.2	-	All	All
Operating System	Red5	Media Server	1.0.2	milestone1	All	All
Operating System	Red5	Media Server	1.0.3	All	All	All
Operating System	Red5	Media Server	1.0.4	All	All	All
Operating System	Red5	Media Server	1.0.5	All	All	All
Operating System	Red5	Media Server	1.0.6	All	All	All
Operating System	Red5	Media Server	1.0.7	-	All	All
Operating System	Red5	Media Server	1.0.7	milestone1	All	All
Operating System	Red5	Media Server	1.0.7	milestone2	All	All
Operating System	Red5	Media Server	1.0.7	milestone3	All	All
Operating System	Red5	Media Server	1.0.7	milestone4	All	All
Operating System	Red5	Media Server	1.0.7	milestone5	All	All
Operating System	Red5	Media Server	1.0.7	milestone6	All	All
Operating System	Red5	Media Server	1.0.7	milestone7	All	All
Operating System	Red5	Media Server	1.0.8	milestone1	All	All
Operating System	Red5	Media Server	1.0.8	milestone10	All	All
Operating System	Red5	Media Server	1.0.8	milestone11	All	All

Operating System	Red5	Media Server	1.0.8	milestone12	All	All
Operating System	Red5	Media Server	1.0.8	milestone13	All	All
Operating System	Red5	Media Server	1.0.8	milestone2	All	All
Operating System	Red5	Media Server	1.0.8	milestone3	All	All
Operating System	Red5	Media Server	1.0.8	milestone4	All	All
Operating System	Red5	Media Server	1.0.8	milestone5	All	All
Operating System	Red5	Media Server	1.0.8	milestone6	All	All
Operating System	Red5	Media Server	1.0.8	milestone7	All	All
Operating System	Red5	Media Server	1.0.8	milestone8	All	All
Operating System	Red5	Media Server	1.0.8	milestone9	All	All

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

References				
Reference	Source	Link	T	
oss-security - Code Execution through a variety Java (Un-)Marshallers	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com	M	
www.github.com/mbechler/marshalsec/blob/master/marshalsec.pdf	af854a3a-2127-422b-91ae-364da2661108	www.github.com	T	
CVE Program record	CVE.ORG	www.cve.org	c:	
NVD vulnerability detail	NVD	nvd.nist.gov	c:	

No vendor comments have been submitted for this CVE.

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