



CVE-2018-13416

Published on: 08/03/2018 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:30 PM UTC

CVE-2018-13416

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Universal Media Server](#) from [Spirton](#) contain the following vulnerability:

In Universal Media Server (UMS) 7.1.0, the XML parsing engine for SSDP/UPnP functionality is vulnerable to an XML External Entity Processing (XXE) attack. Remote, unauthenticated attackers can use this vulnerability to: (1) Access arbitrary files from the filesystem with the same permission as the user account running UMS, (2) Initiate

SMB connections to capture a NetNTLM challenge/response and crack to cleartext password, or (3) Initiate SMB connections to relay a NetNTLM challenge/response and achieve Remote Command Execution in Windows domains.

CVE-2018-13416 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
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Full Disclosure: Out-of-Band XXE in Universal Media Server's SSDP Processing

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[Third Party Advisory](#)

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 [FULLDISC 20180731 Out-of-Band XXE in Universal Media Server's SSDP Processing](#)

Universal Media Server 7.1.0 - SSDP Processing XML External Entity Injection - XML webapps Exploit

[Exploit](#)

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Spirton	Universal Media Server	7.1.0	All	All	All
Application	Spirton	Universal Media Server	7.1.0	All	All	All
cpe:2.3:a:spirton:universal_media_server:7.1.0:*:*:*:*:*:						
cpe:2.3:a:spirton:universal_media_server:7.1.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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