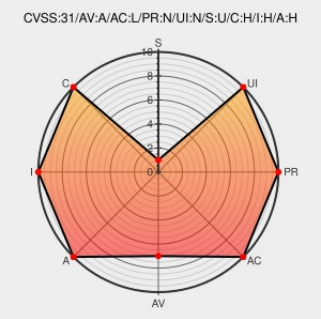
CVE-2020-5764

Published on: 07/08/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:02 PM UTC

CVE-2020-5764

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Mx Player from Mxplayer contain the following vulnerability:

MX Player Android App versions prior to v1.24.5, are vulnerable to a directory traversal vulnerability when user is using the MX Transfer feature in "Receive" mode. An attacker can exploit this by connecting to the MX Transfer session as a "sender" and sending a MessageType of "FILE_LIST" with a "name" field containing directory traversal characters (../). This will result in the file being transferred to the victim's phone, but being saved outside of the intended "/sdcard/MXshare" directory. In some instances, an attacker can achieve remote code execution by writing ".odex" and ".vdex" files in the "oat" directory of the MX Player application.

CVE-2020-5764 has been assigned by vulnreport@tenable.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 5.8 - MEDIUM

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
MX Player Android App Directory Traversal - Research Advisory | Tenable®	Exploit Third Party Advisory www.tenable.com text/html	MISC www.tenable.com/security/research/tra-2020-41

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mxplayer	Mx Player	All	All	All	All
Application	Mxplayer	Mx Player	All	All	All	All

cpe:2.3:a:mxplayer:mx_player:*:*:*:*:*:android:*:*:

cpe:2.3:a:mxplayer:mx_player:*:*:*:*:*:android:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→