



CVE-2019-6743

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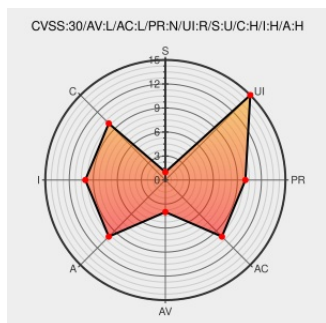
CVE-2019-6743

[Source: Mitre](#)

[Source: NIST](#)

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Certain versions of [Mi6 Browser](#) from [Mi](#) contain the following vulnerability:

This vulnerability allows remote attackers to execute arbitrary code on vulnerable installations of Xiaomi Mi6 Browser prior to 10.4.0. User interaction is required to exploit this vulnerability in that the target must visit a malicious page or open a malicious file. The specific flaw exists within the WebAssembly.Instance method. The issue results from the lack of proper validation of user-supplied data, which can result in a write past the end of a heap-based buffer. An attacker can leverage this vulnerability to execute code in the context of the current process. Was ZDI-CAN-7466.

CVE-2019-6743 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Xiaomi** - **Browser** version **prior to 10.4.0**

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

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

CVE References

Description	Tags	Link
ZDI-19-366 Zero Day Initiative	Third Party Advisory VDB Entry www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-19-366/

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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	Mi	Mi6 Browser	All	All	All	All
Application	Mi	Mi6 Browser	All	All	All	All

cpe:2.3:a:mi:mi6_browser:*****:

cpe:2.3:a:mi:mi6_browser:*****:

Discovery Credit

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