CVE-2019-17102

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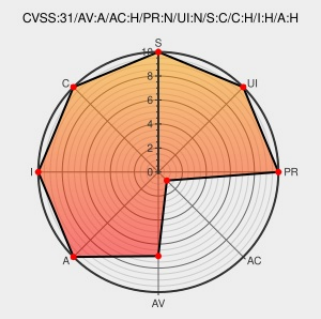
CVE-2019-17102 - advisory for VA-2226

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



Certain versions of Box 2 from Bitdefender contain the following vulnerability:

An exploitable command execution vulnerability exists in the recovery partition of Bitdefender BOX 2, version 2.0.1.91. The API method `/api/update_setup` does not perform firmware signature checks atomically, leading to an exploitable race condition (TOCTTOU) that allows arbitrary execution of system commands. This issue affects: Bitdefender Bitdefender BOX 2 versions prior to 2.1.47.36.

CVE-2019-17102 has been assigned by cve-requests@bitdefender.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Bitdefender** - **Bitdefender BOX 2** version **< 2.1.47.36**

CVSS3 Score: 8.1 - HIGH

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

CVSS2 Score: 9.3 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link

Bitdefender BOX v2 bootstrap update_setup command execution vulnerability (VA-2226) - Bitdefender	Vendor Advisory www.bitdefender.com text/html	B MISC www.bitdefender.com/support/security-advisories/bitdefender-box-v2-bootstrap-update_setup-command-execution-vulnerability-va-2226

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Bitdefender	Box 2	-	All	All	All
Hardware	Bitdefender	Box 2	-	All	All	All
Operating System	Bitdefender	Box 2 Firmware	All	All	All	All
Operating System	Bitdefender	Box 2 Firmware	All	All	All	All

cpe:2.3:h:bitdefender:box_2:-:*:*:*:*:*:*:*:

cpe:2.3:h:bitdefender:box_2:-:*:*:*:*:*:*:*:

cpe:2.3:o:bitdefender:box_2_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:o:bitdefender:box_2_firmware:*:*:*:*:*:*:*:*:

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