



CVE-2019-20933

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

Certain versions of [Debian Linux](#) from [Debian](#) contain the following vulnerability:

InfluxDB before 1.7.6 has an authentication bypass vulnerability in the authenticate function in services/httpd/handler.go because a JWT token may have an empty SharedSecret (aka shared secret).

CVE-2019-20933 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
Password bypass vulnerability · Issue #12927 · influxdata/influxdb · GitHub	Third Party Advisory github.com text/html	MISC github.com/influxdata/influxdb/issues/12927
Debian -- Security	www.debian.org	DEBIAN DSA-4823

Information -- DSA-4823-1 influxdb	Deprecated Link text/html	
[SECURITY] [DLA 2501-1] influxdb security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20201220 [SECURITY] [DLA 2501-1] influxdb security update
Comparing v1.7.5...v1.7.6 · influxdata/influxdb · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/influxdata/influxdb/compare/v1.7.5...v1.7.6
fix(httpd): fail bearerauth if shared secret blank · influxdata/influxdb@761b557 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/influxdata/influxdb/commit/761b557315ff9c1642cf3b0e5797cd3d983a24c0

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Related QID Numbers

- [198809](#) Ubuntu Security Notification for InfluxDB Vulnerability (USN-5451-1)
- [982567](#) Go (go) Security Update for github.com/influxdata/influxdb/services/httpd (GHSA-2rmp-fw5r-j5qv)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Influxdata	Influxdb	All	All	All	All
Application	Influxdata	Influxdb	All	All	All	All
cpe:2.3:o:debian:debian_linux:10.0:*:*:*:*:*:						
cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:						
cpe:2.3:a:influxdata:influxdb:*:*:*:*:*:						
cpe:2.3:a:influxdata:influxdb:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@theXSSrat	CVE-2019-20933 = influx DB weakness github.com/LorenzoTullini... CVE-2020-28042 = ServiceStack before 5.9.2 mishandles... twitter.com/i/web/status/1...	2021-12-23 01:30:38

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