CVE-2019-20933

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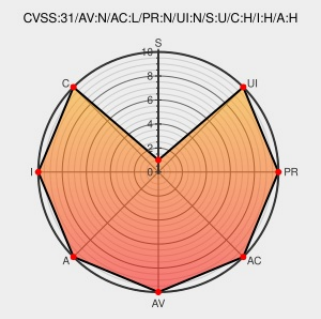
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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 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	Depreciated 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

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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