

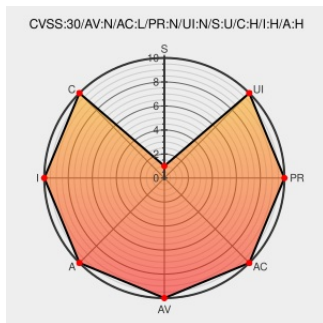


CVE-2019-1010259

Published on: 07/18/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:57 PM UTC

CVE-2019-1010259

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

Certain versions of [Salt 2018](#) from [Saltstack](#) contain the following vulnerability:

SaltStack Salt 2018.3, 2019.2 is affected by: SQL Injection. The impact is: An attacker could escalate privileges on MySQL server deployed by cloud provider. It leads to RCE. The component is: The mysql.user_chpass function from the MySQL module for Salt. The attack vector is: specially crafted password string. The fixed version is:

2018.3.4.

CVE-2019-1010259 has been assigned by [GSD](#) [cve-assign@distributedweaknessfiling.org](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [GSD](#) **SaltStack - Salt** version **2018.3, 2019.2 [fixed: 2018.3.4]**

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
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Description	Tags	Link
	Patch Third Party Advisory github.com text/plain Inactive Link Not Archived	 MISC github.com/ShantonRU/salt/commit/a46c86a987c78e
salt/mysql.py at f22de0887cd7167887f113bf394244b74fb36b6b · saltstack/salt · GitHub	Exploit Third Party Advisory github.com text/html	 MISC github.com/saltstack/salt/blob/f22de0887cd7167887f113bf3942
Fix insecure SQL queries in MySQL module · Pull Request #51462 · saltstack/salt · GitHub	Issue Tracking Patch Third Party Advisory github.com text/html	 MISC github.com/saltstack/salt/pull/51462

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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	Saltstack	Salt 2018	3.0	All	All	All
Application	Saltstack	Salt 2018	3.0	All	All	All
Application	Saltstack	Salt 2019	2.0	All	All	All
Application	Saltstack	Salt 2019	2.0	All	All	All
cpe:2.3:a:saltstack:salt_2018:3.0:*****:.*:						
cpe:2.3:a:saltstack:salt_2018:3.0:*****:.*:						
cpe:2.3:a:saltstack:salt_2019:2.0:*****:.*:						
cpe:2.3:a:saltstack:salt_2019:2.0:*****:.*:						

No vendor comments have been submitted for this CVE

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