CVE-2022-32151

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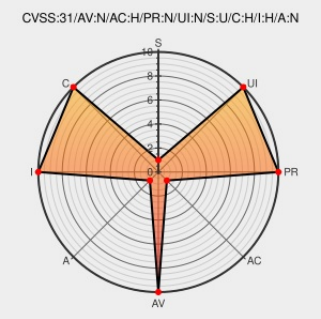
CVE-2022-32151 - advisory for SVD-2022-0601

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



Certain versions of Splunk from Splunk contain the following vulnerability:

The httplib and urllib Python libraries that Splunk shipped with Splunk Enterprise did not validate certificates using the certificate authority (CA) certificate stores by default in Splunk Enterprise versions before 9.0 and Splunk Cloud Platform versions before 8.2.2203. Python 3 client libraries now verify server certificates by default and use the appropriate CA certificate stores for each library. Apps and add-ons that include their own HTTP libraries are not affected. For Splunk Enterprise, update to Splunk Enterprise version 9.0 and Configure TLS host name validation for Splunk-to-Splunk communications (https://docs.splunk.com/Documentation/Splunk/9.0.0/Security/EnableTLSCertHostnameValida to enable the remediation.

CVE-2022-32151 has been assigned by prodsec@splunk.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **Splunk, Inc** - **Splunk Enterprise** version **< 9.0**

Affected Vendor/Software: **Splunk, Inc** - **Splunk Cloud Platform** version **< 8.2.2203**

CVSS3 Score: 9.1 - CRITICAL

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

CVSS2 Score: 6.4 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE

Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	NONE

CVE References

Description	Tags	Link
Splunk protocol impersonation weak encryption simplerequest - Splunk Security Content	research.splunk.com text/html	CONFIRM research.splunk.com/application/splunk_protocol_impersonation_weak_encryption_simplerequest/
Configure TLS certificate host name validation - Splunk Documentation	docs.splunk.com text/html	CONFIRM docs.splunk.com/Documentation/Splunk/9.0.0/Security/EnableTLSCertHostnameValidation
SVD-2022-0601 | Splunk	www.splunk.com text/html	CONFIRM www.splunk.com/en_us/product-security/announcements/svd-2022-0601.html
Security updates - Splunk Documentation	docs.splunk.com text/html	CONFIRM docs.splunk.com/Documentation/Splunk/9.0.0/Security/Updates

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Splunk	Splunk	All	All	All	All
Application	Splunk	Splunk Cloud Platform	All	All	All	All

cpe:2.3:a:splunk:splunk:*:*:*:*:enterprise:*:*:*:

cpe:2.3:a:splunk:splunk_cloud_platform:*:*:*:*:*:*:*:*:

Discovery Credit

Chris Green at Splunk

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-32151 : The httplib and urllib Python libraries that Splunk shipped with Splunk Enterprise did not validat… twitter.com/i/web/status/1…	2022-06-15 17:04:34

@RemotelyAlerts	Severity: ?? | The httplib and urllib Python libraries ... | CVE-2022-32151 | Link for more: alerts.remotelyrmm.com/CVE-2022-32151	2022-06-24 02:30:16
/r/netcve	CVE-2022-32151	2022-06-15 17:44:03

← Previous ID

Next ID→