CVE-2020-3483

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CVE-2020-3483 - advisory for DUO-PSA-2020-004

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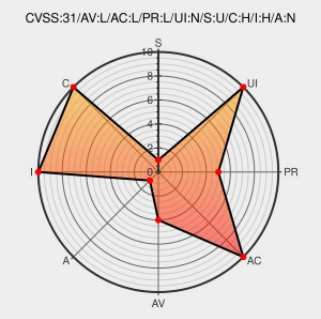

Certain versions of Duo Network Gateway from Cisco contain the following vulnerability:

Duo has identified and fixed an issue with the Duo Network Gateway (DNG) product in which some customer-provided SSL certificates and private keys were not excluded from logging. This issue resulted in certificate and private key information being written out in plain-text to local files on the DNG host. Any private keys logged in this way could be viewed by those with access to the DNG host operating system without any need for reversing encrypted values or similar techniques. An attacker that gained access to the DNG logs and with the ability to intercept and manipulate network traffic between a user and the DNG, could decrypt and manipulate SSL/TLS connections to the DNG and to the protected applications behind it. Duo Network Gateway (DNG) versions 1.3.3 through 1.5.7 are affected.

CVE-2020-3483 has been assigned by psirt@cisco.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Cisco** - **Duo Network Gateway (DNG)** version **< 1.5.8**

CVSS3 Score: 6.3 - MEDIUM

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

CVSS2 Score: 3.3 - LOW

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**

PARTIAL	PARTIAL	NONE

CVE References

Description	Tags	Link
DUO-PSA-2020-004: Duo Product Security Advisory | Duo Security	Patch Vendor Advisory duo.com text/html	CISCO Duo Network Gateway (DNG) Information Disclosure Vulnerability

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Cisco	Duo Network Gateway	All	All	All	All

cpe:2.3:a:cisco:duo_network_gateway:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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