CVE-2020-28713

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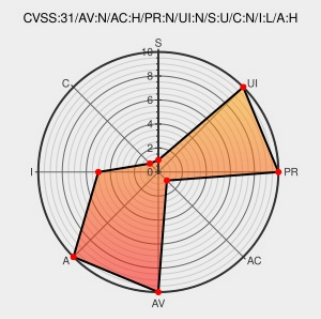

Certain versions of Smart Doorbell from Nightowlsp contain the following vulnerability:

Incorrect access control in push notification service in Night Owl Smart Doorbell FW version 20190505 allows remote users to send push notification events via an exposed PNS server. A remote attacker can passively record push notification events which are sent over an insecure web request. The web service does not authenticate requests, and allows attackers to send an indefinite amount of motion or doorbell events to a user's mobile application by either replaying or deliberately crafting false events.

CVE-2020-28713 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 6.5 - MEDIUM

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

CVSS2 Score: 5.8 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
NightOwl Disclosure - GitHub		MISC gist.github.com/ti-oconnor/dbfbaf4d2b271d52fafbd24e1f0024f0

NightOwl Disclosure - GitHub	gist.github.com text/html	MISC gist.github.com/tj-oconnor/dbfbef4d3b27fd53fefbd24e1f002410
Binary Ninja Cloud - Analysis	cloud.binary.ninja text/html	MISC cloud.binary.ninja/embed/26671c64-6859-48fb-b58e-af35dc982b35

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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
Hardware	Nightowlsp	Smart Doorbell	-	All	All	All
Operating System	Nightowlsp	Smart Doorbell Firmware	20190505	All	All	All

cpe:2.3:h:nightowlsp:smart_doorbell:-:*:*:*:*:*:*:*:

cpe:2.3:o:nightowlsp:smart_doorbell_firmware:20190505:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2020-28713 : Incorrect access control in push notification service in Night Owl Smart Doorbell FW version 20190… twitter.com/i/web/status/1…	2021-06-08 19:02:49
/r/netcve	CVE-2020-28713	2021-06-08 19:42:16

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