# CVE-2021-1596

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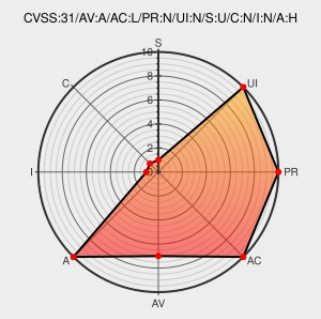
**CVE-2021-1596** - advisory for cisco-sa-ipcamera-lldp-mem-wGqundTq

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




Certain versions of Video Surveillance 7070 from Cisco contain the following vulnerability:

Multiple vulnerabilities in the Link Layer Discovery Protocol (LLDP) implementation for Cisco Video Surveillance 7000 Series IP Cameras could allow an unauthenticated, adjacent attacker to cause a memory leak, which could lead to a denial of service (DoS) condition on an affected device. These vulnerabilities are due to incorrect processing of certain LLDP packets at ingress time. An attacker could exploit these vulnerabilities by sending crafted LLDP packets to an affected device. A successful exploit could allow the attacker to cause the affected device to continuously consume memory, which could cause the device to crash and reload, resulting in a DoS condition. Note: LLDP is a Layer 2 protocol. To exploit these vulnerabilities, an attacker must be in the same broadcast domain as the affected device (Layer 2 adjacent).

CVE-2021-1596 has been assigned by psirt@cisco.com to track the vulnerability - currently rated as MEDIUM severity.

The Cisco Product Security Incident Response Team (PSIRT) is not aware of any public announcements or malicious use of the vulnerabilities that are described in this advisory.

Affected Vendor/Software: **Cisco** - **Cisco Video Surveillance 7000 Series IP Cameras** version **n/a**

CVSS3 Score: 6.5 - MEDIUM

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

CVSS2 Score: 3.3 - LOW

| Access Vector | Access Complexity | Authentication |
|---|---|---|

| | | |
|---|---|---|
| ADJACENT_NETWORK | LOW | NONE |
| **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| NONE | NONE | PARTIAL |

## CVE References

| Description | Tags | Link |
|---|---|---|
| Cisco Video Surveillance 7000 Series IP Cameras Link Layer Discovery Protocol Memory Leak Vulnerabilities | tools.cisco.com<br>text/html | CISCO 20210707 Cisco Video Surveillance 7000 Series IP Cameras Link Layer Discovery Protocol Memory Leak Vulnerabilities |



There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Hardware | Cisco | Video Surveillance 7070 | - | All | All | All |
| Operating System | Cisco | Video Surveillance 7070 Firmware | All | All | All | All |
| Hardware | Cisco | Video Surveillance 7530pd | - | All | All | All |
| Operating System | Cisco | Video Surveillance 7530pd Firmware | All | All | All | All |

cpe:2.3:h:cisco:video_surveillance_7070:-:*:*:*:*:*:*:*:

cpe:2.3:o:cisco:video_surveillance_7070_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:h:cisco:video_surveillance_7530pd:-:*:*:*:*:*:*:*:

cpe:2.3:o:cisco:video_surveillance_7530pd_firmware:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

## Social Mentions

| Source | Title | Posted (UTC) |
|---|---|---|
| @CVEreport | CVE-2021-1596 : Multiple vulnerabilities in the Link Layer Discovery Protocol LLDP implementation for Cisco Video… twitter.com/i/web/status/1… | 2021-07-08 18:46:09 |
| /r/netcve | CVE-2021-1596 | 2021-07-08 19:41:12 |

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