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SN-12

CVE-1999-0517 SNMPv2 Vulnerabilities

Version 1.0.0

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1 Overview

This document provides a brief introduction to the CVE-1999-0517 SNMPv2 vulnerability affecting IDIS IP camera models, and outlines the impact of these attacks on IDIS products.

2 What is the CVE-1999-0517 vulnerability?

The CVE-1999-0517 vulnerability is related to SNMPv2 community names being default (e.g., public), null, or missing [1].

This means that if a network product is configured to allow remote SNMP access, attackers could potentially access the SNMPv2 service using a guessed community string without authorization [2].

3 Impacts of the CVE-1999-0517 vulnerability on IDIS Products

Other IDIS products, except for IP cameras, are not affected by this vulnerability because the SNMPv2 feature has not been utilized in those products.

However, since SNMPv2 is applied to IDIS IP cameras, if the SNMP feature is enabled, the vulnerability could potentially be exposed.

The following cameras are susceptible to this vulnerability because these products support SNMPv2 as a default and do not provide an option to disable SNMPv2:

- DC-B/D/E/T/S/Y/Z1000 series
- DC-D2000 series
- DC-B/D/E/T3000 series
- DC-D/T6200 series

The SNMPv2 information provided by the mentioned IDIS IP cameras is quite limited and consists of read-only information, including details such as the device's MAC address, OS version, network port status, etc.

Additionally, attackers cannot control the IP camera using this vulnerability because IDIS IP cameras do not support write functions related to SNMP.

For other IDIS IP cameras not mentioned above, they support an SNMP On/Off control option, which is disabled by default in accordance with recommended security settings [3]. Therefore, this vulnerability does not occur when SNMP is not activated.

Contact Us

Additional information may be updated in this document in the future. For any questions or concerns related to this issue, please email security@idisglobal.com.

References

- [1] <https://cve.mitre.org/cgi-bin/cvename.cgi?name=cve-1999-0517>
- [2] <https://my.f5.com/manage/s/article/K04463175>
- [3] https://support.oracle.com/knowledge/Sun%20Microsystems/2171362_1.html

Version History

Version	Writer	Revision Date	Remarks
1.0.0	Daniel Lee	Sep 04. 2023	Initial Release