



CVE-2021-41039

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

| | |
|------------------------|--|
| CVE | CVE-2021-41039 |
| State | PUBLIC |
| Assigner | security@eclipse.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2021-12-01 20:15:00 UTC |
| Updated | 2023-10-02 12:15:00 UTC |
| Description | In versions 1.6 to 2.0.11 of Eclipse Mosquitto, an MQTT v5 client connecting with a large number of user-property properties |

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|-------------|-------------------------|---------------------------|---------|--------|---------|----------|
| Application | Eclipse | Mosquitto | All | All | All | All |

References

| Reference | Source | Link |
|---|---------|-------------------------|
| Debian -- Security Information -- DSA-5511-1 mosquitto | DEBIAN | www.d |
| 575314 – (CVE-2021-41039) Possible DoS Attack caused by unlimited number of "user properties" in Mosquitto Broker | CONFIRM | bugs.e |
| CVE Program record | CVE.ORG | www.c |
| NVD vulnerability detail | NVD | nvd.nis |

Vendor Comments And Credit

Discovery Credit

LEGACY: This issue was discovered and reported by Zhanxiang Song, Bin Yuan, DeQing Zou, Hai Jin, Huazhong Univ. of Sci. & Tech.; Luyi Xing, IU; Yan Jia, Nankai University

Legacy QID Mappings

[184935](#) Debian Security Update for mosquitto (CVE-2021-41039)

[199931](#) Ubuntu Security Notification for Mosquitto Vulnerabilities (USN-6492-1)

6000171 Debian Security Update for mosquito (DSA 5511-1)

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