



# CVE-2023-22951

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## CVE-2023-22951

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Cloud](#) from [Tigergraph](#) contain the following vulnerability:

An issue was discovered in TigerGraph Enterprise Free Edition 3.x. It creates an authentication token for internal systems use. This token can be read from the configuration file. Using this token on the REST API provides an attacker with anonymous admin-level privileges on all REST API endpoints.

CVE-2023-22951 has been assigned by [M](#) [cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>LOW</b>          | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

## CVE References

| Description                                           | Tags                                                            | Link                                                                                                                                         |
|-------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Unsecured Web Credentials - Neo4j Graph Data Platform | <a href="#">neo4j.com</a><br><a href="#">text/html</a>          | MISC <a href="https://neo4j.com/security/cve-2023-22951/">neo4j.com/security/cve-2023-22951/</a>                                             |
| Latest Announcements topics - TigerGraph              | <a href="#">dev.tigergraph.com</a><br><a href="#">text/html</a> | MISC <a href="https://dev.tigergraph.com/forum/c/tg-community/announcements/35">dev.tigergraph.com/forum/c/tg-community/announcements/35</a> |

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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 |
| Application                                                             | <a href="#">Tigergraph</a> | <a href="#">Cloud</a>                 | -       | All    | All     | All      |
| Application                                                             | <a href="#">Tigergraph</a> | <a href="#">Tigergraph Enterprise</a> | 3.7.0   | All    | All     | All      |
| Application                                                             | <a href="#">Tigergraph</a> | <a href="#">Tigergraph Enterprise</a> | 3.7.0   | All    | All     | All      |
| cpe:2.3:a:tigergraph:cloud:-:*:*:*:*:*:                                 |                            |                                       |         |        |         |          |
| cpe:2.3:a:tigergraph:tigergraph_enterprise:3.7.0:*:*:*:free:-:*:        |                            |                                       |         |        |         |          |
| cpe:2.3:a:tigergraph:tigergraph_enterprise:3.7.0:*:*:*:free:docker:*:*: |                            |                                       |         |        |         |          |

No vendor comments have been submitted for this CVE

| Social Mentions                                                                             |                                                                                                                                                                                                          |                     |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Source                                                                                      | Title                                                                                                                                                                                                    | Posted (UTC)        |
|  @CVEreport | CVE-2023-22951 : An issue was discovered in TigerGraph Enterprise Free Edition 3.x. It creates an authentication to... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> | 2023-04-13 20:09:32 |