OPC Foundation Security Bulletin

Security Update for the OPC UA Legacy Java Stack

Published: May 15th, 2023
Version: 1.0

Executive Summary

This security update resolves a vulnerability in the OPC UA Legacy Java Stack that enables an unauthorized attacker to block OPC UA server applications so that they can no longer serve client application.

This security update has a base score of 7.5 (high) using the CVSS v3.1 guidelines.

The CVSS vector string is:
CVSS 3.1:AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

Affected Software

The following software has been updated to address the issue:

<table>
<thead>
<tr>
<th>Download</th>
<th>Replacement</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPCFoundation/UA-Java-Legacy</td>
<td>GitHub Commit: <a href="https://github.com/OPCFoundation/UA-Java-Legacy/commit/6f176f2b445a27c157f1a32f225accc9ce8873c0">https://github.com/OPCFoundation/UA-Java-Legacy/commit/6f176f2b445a27c157f1a32f225accc9ce8873c0</a></td>
</tr>
</tbody>
</table>

OPC Foundation Vulnerability Information

Vulnerabilities and Exposures list:

<table>
<thead>
<tr>
<th>Vulnerability</th>
<th>CVE number</th>
<th>Publicly disclosed</th>
<th>Exploited</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWE-400 Uncontrolled Resource Consumption.</td>
<td>CVE-2023-32787</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>
Mitigating Factors

None.

Workarounds

None.

Acknowledgments

The OPC Foundation recognizes Claroty Team82 Research working with Trend Micro Zero Day Initiative for discovering and reporting this issue.

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Revisions

- V1.0 (May 15th, 2023): Bulletin published.