Executive Summary

This security update resolves a vulnerability in the OPC UA Legacy Java Stack that allows a malicious client to send messages that prevent a server from accepting new requests.

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

The CVSS vector string is:
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/tree/df3c8a3c28d969c440d81a6eac9760a24a6df609">https://github.com/OPCFoundation/UA-Java-Legacy/tree/df3c8a3c28d969c440d81a6eac9760a24a6df609</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</td>
<td>CVE-2022-30551</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>
Mitigating Factors

None.

Workarounds

None.

Acknowledgments

The OPC Foundation recognizes Noam Moshe, Vera Mens, Amir Preminger, Uri Katz, and Sharon Brizinov of Claroty Research working with Trend Micro Zero Day Initiative for discovering and reporting this issue.

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Revisions

- V1.0 (May 23rd, 2022): Bulletin published.