Executive Summary

This security update resolves a vulnerability in the OPC UA .NET Standard Reference Server that leaks sensitive information to unauthenticated Clients.

This security update has a base score of 5.3 (medium) using the CVSS v3.1 guidelines.

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

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-.NETStandard</td>
<td>GitHub Commit: <a href="https://github.com/OPCFoundation/UA-.NETStandard/commit/313aa2a2499d8690cf719a67176e131517bb8b78">https://github.com/OPCFoundation/UA-.NETStandard/commit/313aa2a2499d8690cf719a67176e131517bb8b78</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-200: Exposure of Sensitive Information to an Unauthorized Actor</td>
<td>CVE-2022-33916</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>
Mitigating Factors

None.

Workarounds

Require user and application authentication.

Acknowledgments

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

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Revisions

- V1.0 (August 1st, 2022): Bulletin published.