SSA-610768: XML Entity Expansion Injection Vulnerability in Mendix Excel Importer Module

Publication Date: 2022-07-12
Last Update: 2022-07-12
Current Version: V1.0
CVSS v3.1 Base Score: 6.5

SUMMARY

The latest update of Mendix Excel Importer module fixes an XML Entity Expansion Injection vulnerability.

Mendix has released an update for the Mendix Excel Importer module and recommends to update to the latest version.

AFFECTED PRODUCTS AND SOLUTION

Affected Product and Versions	Remediation
Mendix Excel Importer Module (Mendix 8 compatible): All versions < V9.2.2	Update to V9.2.2 or later version https://marketplace.mendix.com/link/component/72
Mendix Excel Importer Module (Mendix 9 compatible): All versions < V10.1.2	Update to V10.1.2 or later version https://marketplace.mendix.com/link/component/72

WORKAROUNDS AND MITIGATIONS

Product specific remediations or mitigations can be found in the section Affected Products and Solution. Please follow the General Security Recommendations.

GENERAL SECURITY RECOMMENDATIONS

As a general security measure, Siemens strongly recommends to protect network access to devices with appropriate mechanisms. In order to operate the devices in a protected IT environment, Siemens recommends to configure the environment according to Siemens' operational guidelines for Industrial Security (Download: https://www.siemens.com/cert/operational-guidelines-industrial-security), and to follow the recommendations in the product manuals.

Additional information on Industrial Security by Siemens can be found at: https://www.siemens.com/industrialsecurity

PRODUCT DESCRIPTION

The Excel Importer module enables importing Excel data sheets into Mendix applications.

VULNERABILITY CLASSIFICATION

The vulnerability classification has been performed by using the CVSS scoring system in version 3.1 (CVSS v3.1) (https://www.first.org/cvss/). The CVSS environmental score is specific to the customer's environment and will impact the overall CVSS score. The environmental score should therefore be individually defined by the customer to accomplish final scoring.

An additional classification has been performed using the CWE classification, a community-developed list of common software security weaknesses. This serves as a common language and as a baseline for weakness identification, mitigation, and prevention efforts. A detailed list of CWE classes can be found at: https://cwe.mitre.org/.

Vulnerability CVE-2022-34467

The affected component is vulnerable to XML Entity Expansion Injection. An attacker may use this to compromise the availability of the affected component.

CVSS v3.1 Base Score	6.5
CVSS Vector	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H/E:P/RL:O/RC:C
CWE	CWE-776: Improper Restriction of Recursive Entity References in DTDs ('XML Entity Expansion')

ADDITIONAL INFORMATION

For further inquiries on security vulnerabilities in Siemens products and solutions, please contact the Siemens ProductCERT:

https://www.siemens.com/cert/advisories

HISTORY DATA

V1.0 (2022-07-12): Publication Date

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