

SSA-224632: Improper Access Control Vulnerability in Mendix Email Connector Module

Publication Date: 2022-12-13
Last Update: 2022-12-13
Current Version: V1.0
CVSS v3.1 Base Score: 8.1

SUMMARY

The Mendix Email Connector module improperly handles access control for some module entities. This could allow authenticated remote attackers to read and manipulate sensitive information.

Mendix has released an update for the Mendix Email Connector module and recommends to update to the latest version.

AFFECTED PRODUCTS AND SOLUTION

Affected Product and Versions	Remediation
Mendix Email Connector: All versions < V2.0.0	Update to V2.0.0 or later version https://marketplace.mendix.com/link/component/120739 See further recommendations from section Workarounds and Mitigations

WORKAROUNDS AND MITIGATIONS

Siemens has identified the following specific workarounds and mitigations that customers can apply to reduce the risk:

- Do not use the default user role of the module

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

Mendix Email Connector module allows you to send and receive emails on your own email server, and adds new features like sending signed and encrypted emails.

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-2022-45936

Affected versions of the module improperly handle access control for some module entities.

This could allow authenticated remote attackers to read and manipulate sensitive information.

CVSS v3.1 Base Score	8.1
CVSS Vector	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:N/E:P/RL:O/RC:C
CWE	CWE-284: Improper Access Control

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 (2022-12-13): Publication Date

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