

3097887 - [CVE-2021-38178] Improper Authorization in SAP NetWeaver AS ABAP and ABAP Platform

Version	4	Type	SAP Security Note
Language	영어	Master Language	영어
Priority	HotNews	Category	Program error
Release Status	Released for Customer	Released On	12.10.2021
Component	BC-CTS-ORG (Workbench/Customizing Organizer)		

Please find the original document at <https://launchpad.support.sap.com/#/notes/3097887>

Symptom

The software logistics system of SAP NetWeaver AS ABAP and ABAP Platform enables a malicious user to transfer ABAP code artifacts or content, by-passing the established quality gates. By this vulnerability malicious code can reach quality and production systems and may completely compromise systems confidentiality, integrity, and availability.

Other Terms

[CVE-2021-38178](#)

Reason and Prerequisites

A malicious user with developer and administrator permission may use tools of the software logistics system, for which not necessary authorizations are checked properly.

Solution

The vulnerable report is deleted for future versions.

The vulnerable report is made unavailable with an LEAVE PROGRAM statement by the given correction instruction and Support Packages.

There is no workaround.

CVSS

CVSS v3.0 Base Score:9.1 /10

CVSS v3.0 Base Vector:

Name	Value
Attack Vector (AV)	Network (N)
Attack Complexity (AC)	Low (L)

Privileges Required (PR)	High (H)
User Interaction (UI)	None (N)
Scope (S)	Changed (C)
Confidentiality Impact (C)	High (H)
Integrity Impact (I)	High (H)
Availability Impact (A)	High (H)

SAP provides this CVSS v3.0 base score as an estimate of the risk posed by the issue reported in this note. This estimate does not take into account your own system configuration or operational environment. It is not intended to replace any risk assessments you are advised to conduct when deciding on the applicability or priority of this SAP Security Note. For more information, see the FAQ section at <https://support.sap.com/securitynotes>.

Software Components

Software Component	Release
SAP_BASIS	700 - 702
SAP_BASIS	710 - 730
SAP_BASIS	731 - 731
SAP_BASIS	740 - 740
SAP_BASIS	750 - 756

Correction Instructions

Software Component	From	To	Version	Changed on	ID
SAP_BASIS	700	756	1	17.09.2021 08:34:28	0000968574

Support Package

Software Component	Release	Support Package
SAP_BASIS	700	SAPKB70039

SAP_BASIS	701	SAPKB70124
SAP_BASIS	702	SAPKB70224
SAP_BASIS	731	SAPKB73130
SAP_BASIS	740	SAPKB74027
SAP_BASIS	750	SAPK-75023INSAPBASIS
SAP_BASIS	751	SAPK-75114INSAPBASIS
SAP_BASIS	752	SAPK-75210INSAPBASIS
SAP_BASIS	753	SAPK-75308INSAPBASIS
SAP_BASIS	754	SAPK-75406INSAPBASIS
SAP_BASIS	755	SAPK-75504INSAPBASIS
SAP_BASIS	756	SAPK-75601INSAPBASIS

[Terms of use](#) | [Copyright](#) | [Trademark](#) | [Legal Disclosure](#) | [Privacy](#)