

2369968 - BAPI_XBP_VARIANT_CHANGE and protected variants

Version	2	Typ	SAP-Hinweis
Sprache	Englisch	Originalsprache	Deutsch
Priorität	Korrektur mit mittlerer Priorität	Kategorie	Programmfehler
Freigabestatus	Für Kunden freigegeben	Freigegeben am	26.09.2016
Komponente	BC-CCM-API-CSI-XBP (eXterne Schnittstelle für Hintergrundverarbeitung)		

Please find the original document at <https://launchpad.support.sap.com/#/notes/2369968>

Symptom

User A creates a protected variant for a program.

An external job scheduler logs on with user B and changes this variant with the function

BAPI_XBP_VARIANT_CHANGE. The 'Protected' variant attribute is not changed in this call even though the function BAPI_XBP_VARIANT_CHANGE supports this (parameter PROTECTED = '-' would delete the attribute).

Afterwards, the following problem occurs:

If user A tries to change this variant in dialog, this is not possible. Message DB 278 appears.

Weitere Begriffe

BAPI_XBP_VARIANT_CHANGE, DB 278

Ursache und Voraussetzungen

If a user is authorized to change variants of other users, this user can also change protected variants of other users using the API (but not in dialog).

This user is then entered as the user who last changed the variant.

However, a variant is always protected for the user who last changed it (or for the creator, if the variant has not yet been changed).

For this reason, in the above example, the variant is protected for user B after the change by the external job scheduler, and user A is no longer able to change it in dialog. This is not an error, but the intended behavior.

Lösung

The behavior can deviate from the standard behavior for protected variants if a variant is changed with BAPI_XBP_VARIANT_CHANGE (that is, by an external tool). External tools always use a separate user, and nobody logs on directly with this user in dialog. This means that variants do not need to be protected for this user, either.

Following the implementation of the correction from this SAP Note, the behavior is that a protected variant remains protected for the user for which it was previously protected following a change by BAPI_XBP_VARIANT_CHANGE.

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Softwarekomponenten

Softwarekomponente	Release
SAP_BASIS	731 - 731
SAP_BASIS	740 - 740
SAP_BASIS	750 - 751

Korrekturanleitungen

Softwarekomponente	Von	Bis	Version	Änderungsdatum	ID
SAP_BASIS	751	751	1	23.09.2016 07:19:02	0000102333
SAP_BASIS	750	750	1	23.09.2016 07:17:50	0000102332
SAP_BASIS	740	740	1	22.09.2016 14:20:10	0000101823
SAP_BASIS	731	731	1	23.09.2016 07:15:55	0000102300

Weitere Komponenten

Komponente	Beschreibung
BC-ABA-TO	Log.DB, Selektionsbilder, Selektionsvarianten
BC-CCM-BTC	Hintergrundverarbeitung

Voraussetzungen

Softwarekomponente	Von	Bis	SAP-Hinweis/KBA	Titel	Komponente
SAP_BASIS	731	731	2069691	Korrekturen in BAPI_XBP_VARIANT_CHANGE	BC-CCM-API-CSI-XBP
SAP_BASIS	731	731	2179814	Nachtrag zu Hinweis 2069691	BC-CCM-API-CSI-XBP
SAP_BASIS	740	740	2069691	Korrekturen in BAPI_XBP_VARIANT_CHANGE	BC-CCM-API-CSI-XBP
SAP_BASIS	740	740	2179814	Nachtrag zu Hinweis 2069691	BC-CCM-API-CSI-XBP

SAP_BASIS	740	740	2340467	Korrektur in BAPI_XBP_VARIANT_CHANGE	BC-CCM-API-CSI-XBP
SAP_BASIS	750	750	2340467	Korrektur in BAPI_XBP_VARIANT_CHANGE	BC-CCM-API-CSI-XBP
SAP_BASIS	751	751	2340467	Korrektur in BAPI_XBP_VARIANT_CHANGE	BC-CCM-API-CSI-XBP

Support Package

Softwarekomponente	Freigeben	Support Package
SAP_BASIS	731	SAPKB73120
SAP_BASIS	740	SAPKB74017
SAP_BASIS	750	SAPK-75006INSAPBASIS
SAP_BASIS	751	SAPK-75101INSAPBASIS

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