

822380 - Problems with add-on installation/upgrade in SAP NetWeaver 7.40 AS ABAP

Version	9	Type	SAP Note
Language	English	Master Language	German
Priority	Recommendations / Additional Info	Category	Help for error analysis
Release Status	Released for Customer	Released On	05.12.2014
Component	BC-UPG-OCS (Online Corr. Support (Tools:Supp.-Pack., Addon Install/Upgr))		

Please find the original document at <https://launchpad.support.sap.com/#/notes/822380>

Symptom

This note provides information about problems that may occur when you use the Add-On Installation Tool (transaction SAINT) to install or upgrade add-ons.

Since Support Packages may also be part of the installation queue, you should also read Note 822379 "Known problems with Support Packages in SAP NW 7.0 AS ABAP".

Furthermore, you must read the add-on-specific installation and upgrade notes.

Caution: This note is regularly updated to the latest status. Therefore, always make sure to obtain the latest version from SAPNet.

Other Terms

OCS, SAINT, ADD-ON, XPRA_EXECUTION, TP_FAILURE

Change history

- 12/5/2014 SPAM/SAINT Version 0055: You must observe SAP Note 2105713.
- JUL/18/2008: Implementation of Notes 1086728 and 1142128 to prevent problems in SPAU
- AUG/18/2008: Database DB2/DB6: SQL error -107 in the phase IMPORT_PROPER
- JUL/18/2008: Database DB2 for AS400: tp terminates after the main import.
- JUL/18/2008: Long runtime of the import phase CLEAR_OLD_REPORTS
- JUL/27/2007: On MS SQL server systems: The import step for the table conversion (tp step "N") terminates with the runtime error SAPSQL_SUBQUERY_ILL_TABLE_TYPE.
- JUL/27/2007: To avoid DDIC activation errors, implement the corrections contained in Notes 791984, 1015068, and 1022755.
- MAY/12/2006: SAR archives cannot be loaded and unpacked using the "Load from front end" function.
- MAY/12/2006: SAPCAR error: Format error in header
- APR/1/2006: If you use the downtime-minimized import mode, you must use at least the R3trans version from December 06, 2005.
- FEB/24/2005: Note was created again

Reason and Prerequisites

Problems are generally caused by program errors or by the type of installation packages.

Solution

1. SAP recommendation

We recommend you to always import the latest version of the SPAM/SAINT update before you import installation packages. It is also a good idea to download the latest versions of executables tp and R3trans from a sapserv# application server (see Note 19466).

If you use several application servers, make sure that the profile parameter rdisp/bufrefmode is set to sendon,exeauto. If you use only one application server, make sure that the profile parameter is set to sendoff,exeauto. Otherwise, you only have the option of executing the "/\$sync" command to make the changes become completely effective after the installation.

2. Known problems and solutions

- Downtime-minimized import only with R3trans from December 06, 2005 (or later)
The downtime-minimized import mode in the Add-on Installation Tool may only be used with an R3trans version from December 06, 2005 (or later). If you use an older R3trans version, ABAP Object methods may not be imported correctly. Note 906008 describes this phenomenon and the symptoms that occur.
As of Version 0020, the Add-On Installation Tool checks whether the minimum R3trans version exists.
- "SAPCAR error: format error in header" during extraction of an SAR archive
Symptom: When you unpack an SAR archive, the SAPCAR utility terminates with the error message "SAPCAR error: format error in header".
Reason: The SAR archive was packed using SAPCAR Version 700. Since changes were made to the SAR archive format in this version, older SAPCAR versions can no longer unpack the archive (also refer to SAP Note 892842).
Solution: Use SAPCAR Version 700 or SAPCAR Version 640 patch level 4. These versions can process the new archive format (refer to SAP Note 892842).
- SAR archives cannot be loaded and unpacked using the function "Load from front end"
Symptom: You want to unpack an SAR archive using the function "Load from front end". The system refuses the archive with the message "File '???.SAR' is not a CAR or SAPCAR file".
Reason: The SAR archive was packed using SAPCAR Version 700. Since changes were made to the SAR archive format in this version, and the archive format versions were also changed, the Support Package Manger does not recognize the file as a valid SAR archive.
Solution: SPAM/SAINT Version 700/0021 contains an adjustment to the new SAR archive format. If the new SPAM/SAINT version is not yet available, unpack the SAR archive at operating system level using the SAPCAR utility. Note that you may require a new SAPCAR version (refer to the problem described above, or to SAP Note 892842).
- Avoiding DDIC activation errors during the import
To avoid DDIC activation errors when you import installation queues (especially long queues), you must implement the following notes BEFORE you implement the corrections.
791984 "Simultaneous activation of view append and appending view"
1015068 "Deleting and re-creating Dictionary objects"
1022755 "Language import and deletion of dictionary objects"
Alternatively, check whether you have already implemented this notes as part of a Basis Support Package.
- Termination of table conversion (tp step "N") on MSSQL systems
Symptom: When you import installation queues on MSSQL Server systems, the import step for the

table conversion (tp step "N") terminates. The job log of the associated background job RDDGEN0L contains the runtime error SAPSQL_SUBQUERY_ILL_TABLE_TYPE.

Solution: To avoid the error, implement the corrections contained in Note 1042435 before you import the Support Package.

If you have already encountered the error, proceed as described in Note 1042435.

- Changes that are contained in obsolete notes are completely removed.

Symptom: After you import Support Packages, changes to Web Dynpro objects and enhancement objects are removed when you perform the modification adjustment.

Solution: Before you import Support Packages, implement the corrections from Notes 1086728 and 1142128 in your system.

If you already are in the process of performing the modification adjustment and the system offers Web Dynpro objects or enhancement objects for removal, cancel this process and open a problem message under the component BC-UPG-NA.

- Database DB2/DB6: Termination with SQL error -107 in IMPORT_PROPER

As of SAP NetWeaver 7.0 SR3 (SAP_BASIS SP14), you can install systems on DB2/DB6 with the options "Row Compression" and "Deferred Table Creation". In systems that have been installed with these two options, you must implement the corrections that are contained in Note 1126127 before you import Support Packages. Otherwise, terminations may occur in the phase IMPORT_PROPER due to SQL error -107.

- Database BD2 for AS400: Termination of tp after the main import

Symptom: When you import Support Packages, tp terminates after the main import is successfully performed (phase IMPORT_PROPER).

Solution: Follow the instructions that are contained in Note 1173174, and install a tp with Version 372.04.36 or higher.

- Long runtime of the phase CLEAR_OLD_REPORTS

Symptom: When you use the downtime-minimized import mode, the phase CLEAR_OLD_REPORTS has a long runtime.

Solution: In transaction SE11, create a non-unique index (for the table REPOSRC) with the name SPM across the fields R3STATE and PROGNAME (in this sequence). This index is delivered with Basis Support Package SAPKB70016 by default (see Note 1137503).

- SPAM/SAINT Version 0055

Symptom: Due to a program error, import steps might not be executed during the installation or upgrade of add-on components.

Solution: You must refer to SAP Note 2105713 and implement the correction contained therein. Alternatively, do not update the tool SPAM/SAINT to Version 0055 for the time being.

Software Components

Software Component	Release
SAP_BASIS	700 - 700

This document refers to

SAP Note/KBA	Title
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97620	OCS Info: Overview of Important OCS Notes
945855	Additional information about BP-INSTASS 600V1
906008	Missing method implementation after Support Package import
892842	SAPCAR error: format error in header
822379	Known problems with Support Packages in SAP NW 7.0x AS ABAP
1551255	Installation of LIVE_SK 1.10 on NW 7.0
1143354	SAP Invoice Management by Open Text
1142832	Installation of Enhancement Package 1 for SAP NetWeaver 700
1142128	Note Assistant: Obsolete notes are incorrectly deimplemented
1137503	Secondary index for table REPOSRC
1126127	DB6: Deferred Table Creation and Row Compression
1086728	Unreqd deletions in SPAU comparison after importing SP/EHP
1040369	SAP Archiving / Document Access by Open Text Installation

This document is referenced by

SAP Note/KBA	Title
2179441	Installation/upgrade of SAP Add-On Assembly Kit 5.00
1126127	DB6: Deferred Table Creation and Row Compression
1455115	CREFOsprint Collection 3.600: Installation / upgrade
822379	Known problems with Support Packages in SAP NW 7.0x AS ABAP
1422864	CGsprint 1.x: Installation or upgrade
1844549	CGsprint 2.x: Installation/upgrade
994150	IS-REA 6.10: Installation note
1961728	IS-REA 6.10: Installation of Support Package 04
1142832	Installation of Enhancement Package 1 for SAP NetWeaver 700
1228898	Installation/delta upgrade ST-PI 2008_1
1455225	CREFOsprint Collection IS 3.6: Installation / upgrade
1682418	KV'sprint EulerHermes BoniCheck: Installation/upgrade:

1086728	Unreqd deletions in SPAU comparison after importing SP/EHP
945855	Additional information about BP-INSTASS 600V1
1553367	IS-REA 6.10: Installing Support Package 03
1551255	Installation of LIVE_SK 1.10 on NW 7.0
994195	IS-REA: Upgrading IS-REA 4.61 to IS-REA 6.10
1133527	KV sprint 4.600 (483_600): Installation/Upgrade
1040369	SAP Archiving / Document Access by Open Text Installation
1143354	SAP Invoice Management by Open Text
1167549	IS-REA 6.10: Installation Support Package 02
994534	IS-REA: Upgrading IS-REA 5.10 to IS-REA 6.10
994353	IS-REA: Upgrading IS-REA 4.71 to IS-REA 6.10
1137503	Secondary index for table REPOSRC
1142128	Note Assistant: Obsolete notes are incorrectly deimplemented
1091671	Add on upgrade DFPS 613 on SAP ECC 600
1114930	IS-REA 6.10: Installation Support Package 01
906008	Missing method implementation after Support Package import
941112	KV sprint 4.600: Installation/Upgrade
945104	Additional information for BP-CRM50 500V1
892842	SAPCAR error: format error in header
97620	OCS Info: Overview of Important OCS Notes