

S/4HANA Upgrade from Version 1809 to 2020 with OpenText

In my previous post - [OpenText and Archive Center Upgrade](#) mentioned about the dependences of Opentext add-on while performing S/4HANA 2020 Upgrade.



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☞ #OpenText Suite for SAP provides solutions that help map out and deliver transformation strategies in an SAP context across the organization and beyond. OpenText offers the #digital #content #platform to #manage and #deliver #unstructured content to #SAP applications, dynamically, in context, and on any device.

👉 The document covers strategy, while performing OpenText upgrade what dependencies need to check + how to perform Tomcat upgrade _ OpenText upgrade and OT Archive Center upgrade in Linux and shared inputs if anyone performing the [#S4HANA2020 #upgrade](#) with OT Add-on what challenges faced.

📘 Access and download OT Best Practice document and reference.
<https://lnkd.in/eee9SeY>
#share #opentext #sap

OpenText and Archive Center Upgrade

Here again want to highlight every upgrade is different as per customer line of business, looking into their functional and business usage with integration requirement and product dependencies.

If you are currently using any Compatibility Packs, and an alternative solution has already been provided in SAP S/4HANA, you will need to adopt it as part of your upgrade and as mentioned in my previous post of [S/4HANA upgrade](#) the primary reason for choosing a Functional Upgrade is to drive more value out of your SAP S/4HANA system by taking advantage of new business functionality immediately.

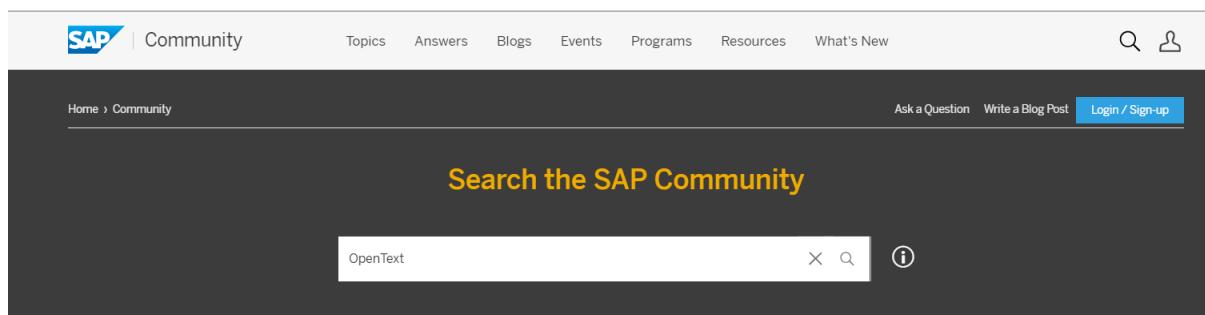
Currently managing 75+ customer as a Operation Lead for a region (not up to this) planning E2E upgrade after reviewing the customer landscape check for dependencies and simplification consistency currently upgrading almost 20+customer's (85+ SIDs) some customer have 2-tier model and for few have critical business functionalities where decided to upgrade first in Sandbox because lot of testing required for Fiori Apps dependency and few are running their standalone Fiori system in ASE DB and then need to migrate as embedded fiori with different scenarios for which trying sharing my experience and learning time to time in my post of S/4HANA upgrade.

I tried to sharing the knowledge with you all to make understand and correlate those scenarios.

Below are the some of them:

- 1) **Source:** S4HANA 1709 with Hub Fiori deployment and **Target:** Converting into Embedded Fiori with S4HANA 2020 upgrade.
- 2) **Source:** S4HANA 1610 with splitting of Fiori environment and **Target:** upgrade to S4HANA 2020FSP01 with dependency to upgrade Opentext Archive Center upgrade to 16.2.2 to 20.4.0
- 3) **Source:** S4HANA 1610 with standalone Fiori upgrade 3.0 **Target:** upgrade to S4HANA 2020FSP02 with Fiori upgrade from FES 3.0 to FES 6.0 and then FES2020 and other dependent cloud product update.
- 4) **Source:** S4HANA 1809 with standalone Fiori with enablement for new cloud dimensional products like SAP Ariba, Success Factor and SAP Cloud Connector and **Target:** upgrade S4HANA 2020 FSP01.

Current document talks about of S/4HANA upgrade from 1809 to 2020 with OT upgrade dependency and more understanding of product and functional and challenges error faced during the upgrade for simplification check with SAP note version and dependent issues while upgrading the OpenText.



For OpenText if you search in SAP Community SAP BLOG there will be NO much knowledge shared in the as well in other platform you will don't find any relevant information because this product is unique and has its own functionalities and much dependent with OT experts, because when ever I faced a challenge it went back to the OT support team for the solution and then OT Product team release the new patches with solution or have to wait to implement the correction.

In my previous post and shared details in start of the page, explain about OT product - What is OpenText, Architecture where it uses in SAP and how Products are integrated with SAP HANA.

OpenText provides the most complete and integrated Information Management platform, allowing companies to organize, integrate and protect data and content as it flows through business processes inside and outside the organization.

Digital is not optional in the race to recover. Become more agile and win the race with OpenText™ solutions for SAP S/4HANA® Cloud, SAP® ERP, SAP SuccessFactors® and SAP Customer Experience.

Learn how to rise to the challenge with OpenText solutions for SAP by:

- Leveraging intelligent automation for SAP S/4HANA
- Collaborating safely with Microsoft Teams and SAP S/4HANA
- Streamlining data before moving to SAP S/4HANA
- Adopting digital document management in SAP SuccessFactors

Traditional Data Volume Management for SAP : Data volume management in SAP with SAP data archiving has been a best practice for SAP customers since the days of SAP R/3 and throughout the lifecycle of the SAP Business Suite.

The reason for this is clear and the value of data archiving well understood, With each transaction, data is stored in the database and the volume of transactional data is ever growing. As your productive SAP database grows, resource consumption and administration effort go up while system performance deteriorates and response time for the end user goes down. This is true when using the traditional databases for the SAP Business Suite. But is this still valid going forward?

The New World of Big Data with SAP HANA

When SAP released SAP® HANA®, a new in-memory database, and customers moved to SAP Business Suite on HANA and SAP S/4HANA, some of the pain points become a thing of the past. High system performance and good response times are a given with SAP HANA. Also the resource consumption seems to have been reduced as HANA has a compression factor of 50%.

BUT: SAP HANA as an in-memory database that requires a robust hardware platform. By nature, an in-memory database requires computing power and a substantial amount of main memory. If your database today has a size of 2 Terabyte, it will be 1 Terabyte with HANA and the memory requirements somewhat higher at about

1.25 TB (Formula: DB size (traditional DB) / 2 + 20% + 50 GB) according to the SAP QuickSizer for HANA SAP note 1793345)

Where resource consumption in the past mostly meant expensive high performance disks, it today means an expensive, robust HANA appliance.

Best Practice 1: Data Volume Management before Migration to HANA

Consequently, when moving to HANA as a database, be it to SAP Suite on HANA or SAP S/4HANA, it is best practice to clean up the SAP database before doing the migration to HANA and archive older transactional data. The archived data will still be accessible in Suite on HANA and S/4HANA via the standard SAP tools and interfaces, such as the SAP Archive Information System.

If you have not established a data archiving practice yet, this is the time to get started if your database is of a relevant size, for example 1 Terabyte and larger.

Best Practice 2: Use a Compliant Archiving Platform

And as you do so, make sure to store the resulting data files via the ArchiveLink interface on a secure and compliant storage platform. Such a platform is provided with OpenText™ Archiving for SAP® Solutions and OpenText™ Document Access for SAP® Solutions. The underlying OpenText Archive Center securely stores the SAP data files on leading storage vendor platforms, which have an immutability feature and are thus compliant storage platforms.

Archive Center provides a hardware abstraction layer and in addition automatically creates backup copies of the files. This is different from storing data files in the file system, where files are not protected and you need to take care of backup and migration when the file server changes.

Best Practice 3: Remove Unstructured Content from the Database

And as you do the clean-up, there is one area you may want to check, that is unstructured content in your SAP database. If you haven't configured the storage location of GOS attachments (GOS = Generic Object Services), all unstructured content that your users have added via GOS has ended up in the database and adds to the overall volume.

You can check the size of table SOFFCONT1, and may want to control table DRAO for SAP DMS (Document Management System) documents as well.

GOS attachments as well as DMS documents can be stored on OpenText Archive Center with OpenText Archiving and OpenText Document Access for SAP Solutions.

You simply define a new storage category to reside on the OpenText Archive Center. With simple configuration you can switch from the old category to the new category (TA SKPR08). And for the migration of existing documents there is the SAP report RSIRPIRL. As a result, the unstructured content is stored on the OpenText Archive Center and your database is relieved from the burden of the unstructured content.

To Establish Data Volume Management and Reduce TCO

For more information about SAP data and business document archiving with OpenText view the following:

- [OpenText™ Data Archiving for SAP® Solutions](#)
- [OpenText™ Archiving for SAP® Solutions](#)
- [OpenText™ Document Access for SAP® Solutions](#)

High Level Architecture Understanding

OpenText Suite for SAP

SAP Ariba Solutions | SAP S4/HANA | SAP Hybris | SAP SuccessFactors Solutions | Microsoft



On Premise | OpenText Cloud | Hybrid

OpenText Document Presentment for SAP Solutions at a Glance



As the name indicates its OPEN with lot of text information about the organization with in it also called as THE INFORMATION COMPANY.

As a company which develops and sells enterprise information management OpenText software applications manage content or unstructured data for large companies and where OT Product which connects to business systems and helps document presentment to perform the task with powerdocs and called as Customer Communication Enterprise.

Connect to SAP: contains the components that connect Communications Center applications to SAP systems, and enable applications to receive and send data in any SAP format

Source Installed Product Version:

The image consists of three vertically stacked screenshots from a SAP Fiori application. Each screenshot shows a table with various columns: Product, Release, SP Stack, Vendor, and Short Description of Product Version.

Screenshot 1 (Top): Installed Product Versions

Product	Release	SP Stack	Vendor	Short Description of Product Version
SF EMPLOYEECENTRAL INTEGRATION	1210	02	sap.com	SFSF EC INTEGRATION 1210
S/4HANA XECM BY OT	16.2	01 (10.2018)	sap.com	S/4 EXTENDED ECM BY OT 16.2
ABAP PLATFORM	1809	02 (04/2019)	sap.com	ABAP PLATFORM 1809
SAP FIORI FOR S4HANA	1809	01 (01/2019) FP	sap.com	SAP FIORI FOR SAP S/4HANA 1809
SAP FIORI FRONT-END SERVER	5.0	02 (05/2019)	sap.com	SAP FIORI FRONT-END SERVER 5.0
S4HANA ON PREMISE	1809	02 (05/2019) FP	sap.com	SAP S/4HANA 1809
S/4HANA INVOICE MGMT BY OT	16.3	02 (12/2018)	sap.com	S/4 INVOICE MGMT BY OT 16.3
SAP S/4HANA FOUNDATION	1809	02 (05/2019) FP	sap.com	SAP S/4HANA FOUNDATION 1809

Screenshot 2 (Middle): Installed Software Component Versions

Component	Release	SP-Level	Support Package	Short Description of Component
SAP_BASIS	753	0002	SAPK-75302INSAPBASIS	SAP Basis Component
SAP_ABA	75D	0002	SAPK-75D02INSAPABA	Cross-Application Component
SAP_GWFND	753	0002	SAPK-75302INSAPGWFND	SAP Gateway Foundation 7.40
SAP_UI	753	0004	SAPK-75304INSAPUI	User Interface Technology
ST-PI	740	0012	SAPK-74012INSTPI	SAP Solution Tools Plug-In
SAP_BW	753	0002	SAPK-75302INSAPBW	SAP Business Warehouse
UIBAS001	400	0002	SAPK-40002INUIBAS001	UI for Basis Applications
MDG_FND	803	0002	SAPK-80302INMDGFND	MDG Foundation
S4FND	103	0002	SAPK-10302INS4FND	Foundation 103
MDG_APPL	803	0002	SAPK-80302INMDGAPPL	MDG Applications
MDG_UX	803	0002	SAPK-80302INMDGUUX	MDG Applications
S4CORE	103	0002	SAPK-10302INS4CORE	S4CORE
SAP_HR	608	0065	SAPKE60865	Human Resources
SAP_HRCAE	608	0065	SAPK-60865INSAPHRCAE	Subcomponent SAP_HRCAE of SAP_HR

Screenshot 3 (Bottom): Installed Product Versions

Product	Release	SP Stack	Vendor	Short Description of Product Version
SF EMPLOYEECENTRAL INTEGRATION	1210	02	sap.com	SFSF EC INTEGRATION 1210
S/4HANA XECM BY OT	16.2	01 (10.2018)	sap.com	S/4 EXTENDED ECM BY OT 16.2
ABAP PLATFORM	1809	02 (04/2019)	sap.com	ABAP PLATFORM 1809
SAP FIORI FOR S4HANA	1809	01 (01/2019) FP	sap.com	SAP FIORI FOR SAP S/4HANA 1809
SAP FIORI FRONT-END SERVER	5.0	02 (05/2019)	sap.com	SAP FIORI FRONT-END SERVER 5.0
S4HANA ON PREMISE	1809	02 (05/2019) FP	sap.com	SAP S/4HANA 1809
S/4HANA INVOICE MGMT BY OT	16.3	02 (12/2018)	sap.com	S/4 INVOICE MGMT BY OT 16.3
SAP S/4HANA FOUNDATION	1809	02 (05/2019) FP	sap.com	SAP S/4HANA FOUNDATION 1809

Component	Release	SP-Level	Support Package	Short Description of Component
EA-HRCUS	608	0065	SAPK-60865INEAHRCUS	Subcomponent EA-HRCUS of EA-HR
EA-HRCVE	608	0065	SAPK-60865INEAHRCVE	Subcomponent EA-HRCVE of EA-HR
EA-HRCZA	608	0065	SAPK-60865INEAHRCZA	Subcomponent EA-HRCZA of EA-HR
EA-HRGXX	608	0065	SAPK-60865INEAHRGXX	Subcomponent EA-HRGXX of EA-HR
EA-HRXXX	608	0065	SAPK-60865INEAHRXXX	Subcomponent EA-HRXXX of EA-HR
EA-PS	803	0002	SAPK-80302INEAPS	SAP Enterprise Extension Public Services
ECC-SE	803	0002	SAPK-80302INECCSE	ECC-SE
FI-CAX	803	0002	SAPK-80302INFICAX	FI-CA Extended
INSURANCE	803	0002	SAPK-80302ININSURANC	SAP Insurance
IS-OIL	803	0002	SAPK-80302INISOIL	IS-OIL
IS-PRA	803	0002	SAPK-80302INISPRA	SAP IS-PRA
IS-PS-CA	803	0002	SAPK-80302INISPSCA	IS-PUBLIC SECTOR CONTRACT ACCOUNTING
IS-UT	803	0002	SAPK-80302INISUT	SAP Utilities/Telecommunication
ODTFINCC	600	0011	SAPK-60011INODTFINCC	ODTFINCC 600
PA_SE_IN	100	0027	SAPK-10027INPASEIN	Personnel Administration Inbound Service Enabling
GBX01HR	600	0013	SAPK-60013INGBX01HR	FIORI X1 HCM

Component	Release	SP-Level	Support Package	Short Description of Component
OTBCSL30	1610_104	0002	SAPK-10402INOTBCSL30	Opentext Business Center Solution - VIM
OTBCUS03	0740_004	0003	SAPK-00403INOTBCUS03	Opentext Business Center VIM Web UI
OTBCWSR	0740_004	0002	SAPK-00402INOTBCWSR	OpenText Business Center Webservices
OTBCWUI	0740_004	0002	SAPK-00402INOTBCWUI	Opentext Business Center Web UI
OTEXBAS	1620_700	0001	SAPK-00701INOTEXBAS	OpenText Archiving and Document Access
OTEXBASF	1620_740	0001	SAPK-00701INOTEXBASF	OpenText Arch&DocAccess Fiori Apps
OTEXBASO	1620_700	0001	SAPK-30701INOTEXBASO	OpenText Arch&DocAccess OData Services
OTEXERP	1620_600	0000	-	OpenText Archiving and Document Access f
OTEXHCM	1620_700	0000	-	OpenText Extended ECM for SAP SuccessFac
OTEXRL	1620_700	0001	SAPK-30851INOTEXRL	OpenText Extended ECM for SAP Solutions
OTEXRLF	1620_740	0001	SAPK-00801INOTEXRLF	OpenText Extended ECM for SAP Solutions
OTEXRLO	1620_700	0000	-	OpenText Extended ECM for SAP Solutions
OTEXVIM	81610_104	0002	SAPK-10402INOTEXVIM	Vendor Invoice Management 16.3
ST-A/PI	01T_731	0003	SAPKITAB9X	Servicetools for SAP Basis 731 and highe
ST-UI	100	0008	SAPK-10008INSTUI	SAP FIORI FOR SAP SOL. MRG

Component	Release	SP-Level	Support Package	Short Description of Component
PA_SE_IN	100	0027	SAPK-10027INPASEIN	Personnel Administration Inbound Service Enabling
GBX01HR	600	0013	SAPK-60013INGBX01HR	FIORI X1 HCM
GBX01HR5	605	0010	SAPK-60510INGBX01HR5	FIORI X1 HCM
SRA004	600	0011	SAPK-60011INSRA004	Create Travel Request OData Integration
UIAPIF170	600	0002	SAPK-60002INUIAPIF170	UI SFIN
UIHR002	100	0004	SAPK-10004INUUIHR002	UI for ERP Human Capital Management 100
UIMDG001	200	0007	SAPK-20007INUIMDG001	UI for MDG
UIS4HOP1	400	0002	SAPK-40002INUIS4HOP1	UI for S/4HANA On Premise
UITRV001	300	0000	-	UI for Travel 300: Add-On Installation
BSNAGT	200	0003	SAPK-20003INBSNAGT	BSN AGENT
MSGPMCON	200	0004	SAPK-20004INMSGPMCON	msa.PM Connection
OTBCBAS	0700_004	0002	SAPK-00402INOTBCBAS	OpenText Business Center Base
OTBCFND	0700_004	0002	SAPK-00402INOTBCFND	OpenText Business Center Foundation
OTBCINB	0700_004	0002	SAPK-00402INOTBCINB	OpenText Business Center Inbound
OTBCRM	0700_004	0002	SAPK-00402INOTBCRM	OpenText Business Center Extended ECM In
OTBCSL00	0700_004	0002	SAPK-00402INOTBCSL00	OpenText Business Center Solution Base

Component	Release	SP-Level	Support Package	Short Description of Component
OTBCBAS	0700_004	0002	SAPK-00402INOTBCBAS	OpenText Business Center Base
OTBCFND	0700_004	0002	SAPK-00402INOTBCFND	OpenText Business Center Foundation
OTBCINB	0700_004	0002	SAPK-00402INOTBCINB	OpenText Business Center Inbound
OTBCRM	0700_004	0002	SAPK-00402INOTBCRM	OpenText Business Center Extended ECM In
OTBCSL00	0700_004	0002	SAPK-00402INOTBCSL00	OpenText Business Center Solution Base
OTBCSL08	1610_104	0002	SAPK-10402INOTBCSL08	Vendor Invoice Management 16.3 - Simple
OTBCSL30	1610_104	0002	SAPK-10402INOTBCSL30	Opentext Business Center Solution - VIM
OTBCUS03	0740_004	0003	SAPK-00403INOTBCUS03	Opentext Business Center VIM Web UI
OTBCWSR	0740_004	0002	SAPK-00402INOTBCWSR	OpenText Business Center Webservices
OTBCWUI	0740_004	0002	SAPK-00402INOTBCWUI	Opentext Business Center Web UI
OTEXBAS	1620_700	0001	SAPK-30701INOTEXBAS	OpenText Archiving and Document Access
OTEXBASF	1620_740	0001	SAPK-00701INOTEXBASF	OpenText Arch&DocAccess Fiori Apps
OTEXBASO	1620_700	0001	SAPK-30701INOTEXBASO	OpenText Arch&DocAccess OData Services
OTEXERP	1620_600	0000	-	OpenText Archiving and Document Access f
OTEXHCM	1620_700	0000	-	OpenText Extended ECM for SAP SuccessFac
OTEXRL	1620_700	0001	SAPK-30851INOTEXRL	OpenText Extended ECM for SAP Solutions

```
GTWXY:XY-X-5 mpuadm sapsys      10 May 3 00:50 CFS
***** Restaring SAP Host Agent *****
56> SAPCAR -xvf SUM20SP10_2-80002456.SAR
SAPCAR: processing archive SUM20SP10_2-80002456.SAR (version 2.01)
X SUM
X SUM/summanifest.mf
X SUM/abap
X SUM/abap/sumabap.mf
X SUM/abap/bin
X SUM/abap/bin/com.sap.hdb.sl.lib.jar
X SUM/abap/bin/S4PRECHKEXC.LST
X SUM/abap/bin/SAPup.par
X SUM/abap/bin/SAPup_ZD0.par
X SUM/abap/bin/SUMTool.jar
X SUM/abap/bin/dmosystemmove.sh
X SUM/abap/bin/SAPupSUBGlobalPhaseDefs_FA.xml
X SUM/abap/bin/w2k8_elevated.vbs
X SUM/abap/bin/SAPup_FA.par
X SUM/abap/bin/ngdbc.jar
X SUM/abap/bin/com.sap.hdb.core.jar
X SUM/abap/bin/SAPupADDPhases_FA.xml
X SUM/abap/bin/SAPupDialogues.xml
X SUM/abap/bin/SAPupHELPE.TXT
X SUM/abap/bin/SAPupPhaselst.xml
X SUM/abap/bin/SAPupSCRClasses.xml
X SUM/abap/bin/SAPupSQLStatements.xml
X SUM/abap/bin/libsslcryptokernel.so.sha256
X SUM/abap/bin/SAPupSUBTest_FA.xml
X SUM/abap/bin/SAPupSoapRequests.xml
X SUM/abap/bin/SAPupTRControl.xml
X SUM/abap/bin/SAPupVariants.xml
```

```
.....:/media/S4Hana_2020/SUM/abap # ./SUMSTART confighostagent NPD
**** Restarting SAP Host Agent *****
saphostexec is already running (pid=26202). Stopping...-> Start /usr/sap/hostctrl/exe/saphostexec pf=/usr/sap/hostctrl/exe/host_profile <-
start hostcontrol using profile /usr/sap/hostctrl/exe/host_profile
**** Host Agent has been restarted ****
**** Host Agent configured, start the UI from the browser now ****
**** You are using SAP Host Agent version: ****
kernel release          721
kernel make variant     721_REL
patch number             49
**** Make sure that you have the latest SAP Host Agent version. See SAP Note 2219592 for more information ****
**** SUM ABAP: l_tp:.....:1129/lmsl/sumabap/<SID>/slui ****
**** SUM Observer: .....:1129/lmsl/sumobserver/<SID>/monitor/index.html ****
.....:/media/S4Hana_2020/SUM/abap #
```

SAP Software Update Manager 2.0 SP10 (PL2) Tasklist Logs Breakpoints Help 

 Get Roadmap

0% - Process is in a dialog
Current Phase: MOD_SELROADMAP/SELECT_ROADMAP

Welcome to Software Update Manager

Important information for this program is included in [SAP Note 2935104](#) and further SAP Notes mentioned therein. Read the current version before you start preparing the procedure and check the SAP Note again for changes before you start the procedure.

Specify the Scenario Category 

Scenario using Stack Configuration File 

Enter a valid XML file:

STACKFILE 

No Stack Configuration File required for scenario 

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SAP Software Update Manager 2.0 SP10 (PL2) Tasklist Logs Breakpoints Help 

 Get Roadmap

0% - Process is in a dialog
Current Phase: MOD_SELROADMAP/SELECT_ROADMAP

Scenario Strategy
Specify the scenario strategy

Standard (standard configuration) 

Downtime-optimized (high configuration)

Prerequisite Check Tool

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SAP Software Update Manager 2.0 SP10 (PL2) Tasklist Logs Breakpoints Help 

 Get Roadmap

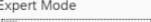
0% - Process is in a dialog
Current Phase: MOD_SELROADMAP/SELECT_ROADMAP

The SAP archives are signed with digital signatures. Activate the checkbox "Check archive authenticity" if you want that the authenticity of all archives in the download directory shall be checked.

The authenticity check requires a valid Certificate Revocation List (CRL) in the download directory. You can download a CRL from <https://tcs.mysap.com/crl/crlbag.p7s>.

For more information about the archive authenticity check, see the SUM guide.

Check archive authenticity

Expert Mode 

Customer Transport Integration

According to [SAP Note 1759080](#), you are able to include customer transport requests into the procedure to reduce business downtime. The SUM will ask for the customer buffer file later on.

Consider customer buffer file

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SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Extraction Configuration Checks Preprocessing Execution Postprocessing

0% - Process is in a dialog
Current Phase: PREP_EXTRACT/SUMASK

*User "DDIC" password:

DB-Specific Password
Enter the password for DB user "SYSTEM":
*DB operator password:

DB-Specific Password
Enter the password for database user "SAPHANADB":
*DB user password:

Back Next

Tasklist (Extraction)

Task Type	Status	Description
PREP_EXTRACT	OK	
TOOLVERSXML_CONSCHK_CUR	OK	
BEGIN_PRE	OK	
SUMASK	OK	
SCAN_DOWNLOADDIR	OK	
INITTOOL_PROTECT	OK	
SCANDIR_INI	OK	
TOOLCHECKXML_PREIMP_EXTRACT	OK	
PREIMP	OK	
DBCONNCHK_PRE	OK	
PREP_PRE_CHECK	OK	
PROFREAD	OK	

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Extraction Configuration Checks Preprocessing Execution Postprocessing

0% - Process is in a dialog
Current Phase: PREP_EXTRACT/SCAN_DOWNLOADDIR

Archive Verification
The authentication or validity of the following archives in the download directory could not be established.

Archive	Status	Message
otexhcm_acp_16.20_700.sar	WARNING	SIGNATURE: archive file not signed

Maintain the archives in the download directory, and choose Back to run the check again. Or activate the following checkbox to confirm the message and to continue the procedure.

See SUM guide for more information about archive verification.

Confirm and continue the procedure.

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Tasklist (Extraction)

Task Type	Status	Description
TOOLVERSXML_CONSCHK_CUR	OK	
BEGIN_PRE	OK	
SUMASK	OK	
SCAN_DOWNLOADDIR	OK	
INITTOOL_PROTECT	OK	
SCANDIR_INI	OK	
TOOLCHECKXML_PREIMP_EXTRACT	OK	
PREIMP	OK	
DBCONNCHK_PRE	OK	
PREP_PRE_CHECK	OK	
PROFREAD	OK	
READCVERS_DUMP_PRE	OK	

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard) !

Extraction Configuration Checks Preprocessing Execution Postprocessing

2% - Process is in a dialog
Current Phase: PREP_INIT/DBCHK_INI

MON_USER
SAPSUPPORT
C4C_SOLMAN

Make sure that your environment is configured correctly.
Otherwise stop the procedure, fix your settings, and continue.

Is your system configured correctly?
 Yes
 No

Is more than one system running on this database?
 Yes
 No

Back Next

Tasklist (Extraction)

Task Type	Status	Description
KX_CPYCHK	OK	
READCLIENTS	OK	
PREP_INIT	OK	
DBCHK_INI	OK	
SQLDB_LIST_AVERS_EXT	OK	
VERSCHK_INI	OK	
VALCHK_INI	OK	
LMSEMAPHORE_SET	OK	
KERNEL_UPG	OK	
TOOLVERSXML_UPG	OK	
DBCONNCHK_UPG	OK	
TOOLCHECKXML_UPG	OK	

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks

5% - Process is in a dialog
Software Update Manager

Current Status of Roadmap Step "Extraction": The roadmap step Extraction was completed successfully.

Note that the file "CHECKS.LOG" contains entries of type INFO. Check the entries and perform, if available, any manual steps listed there.

Information of phase READCVERS_DUMP
Content of Download Directory
ASCS Setup Detected
Check for High Availability System
Information of phase ADDON_INFO

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SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

5% - Process is in a dialog
Current Phase: PREP_CONFIGURATION/INITSUBST

Tool Configuration

Keep archiving on during the whole procedure

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SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

5% - Process is in a dialog
Current Phase: PREP_CONFIGURATION/INITSUBST

Enter the maximum number of ABAP processes (dialogue and batch) during the upgrade:

*ABAP PROCESSES (UPTIME)
*ABAP PROCESSES (DOWNTIME)

Enter the maximum number of parallel processes for the execution of SQL commands:

*SQL PROCESSES (UPTIME)
*SQL PROCESSES (DOWNTIME)

Enter the maximum number of parallel import processes:

Parallel Import Processes

Back Next

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

5% - Process is in a dialog
Current Phase: PREP_CONFIGURATION/INITSUBST

Enter the maximum number of parallel import processes:

*R3TRANS PROCESSES (UPTIME)
*R3TRANS PROCESSES (DOWNTIME)

Enter the maximum number of parallel R3load or table comparison processes:

*R3LOAD PROCESSES (UPTIME)
*R3LOAD PROCESSES (DOWNTIME)

Batch Host Configuration

Back Next

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

5% - Process is in a dialog
Current Phase: PREP_CONFIGURATION/INITSUBST

Select the instance of your system that shall be used as background server:

Note:

- If the host name of the background server differs from the SUM instance host, the path /media/S4Hana_2020/SUM/abap must be mounted on the background host.
- If the background server must be shut down during the system downtime, all background jobs start on the SUM application server instance.

Decide whether you want an automated batch job distribution, that is, the system decides where to run the jobs:

Automated batch job distribution
 vhanpnpdap01_NPD_00 (7 batchprocesses located)

Decision on SGEN Execution Mode

Choose an execution strategy for the ABAP load generation (transaction SGEN).

Start the ABAP load generation during the upgrade

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SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard) [A]

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

5% - Process is in a dialog
Current Phase: PREP_CONFIGURATION/SUMASK_CUSTOMER_SCR

Include Transport Request

Enter the name of the Customer Change Requests that you want to include into the procedure. Otherwise, leave the table empty.

Transport Request	Status
No data	

+ -

Back Next

SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard) [A]

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

5% - Process is in a dialog
Current Phase: PREP_CONFIGURATION/SUMASK_SPDD_SPAU

Transport Requests for Modification Adjustment

You can use the following transport request(s) to automatically adjust your modifications in your system during the procedure. Select one of the proposed transport requests, add your own transport request, or leave it empty in case you do not want to use a request.

To automatically maintain your modifications in your system during the procedure, the Software Update Manager searches in file /usr/sap/trans/bin/umodauto.lst for transport requests from previous upgrade runs. However, this file is either missing, or no file exists at all that contains a transport for release 755.

SPDD Transport Request
Transport

SPAU Transport Request
Transport

Back Next

SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard) [A]

Tasklist Logs

Extraction Configuration Checks Preprocessing Execution Postprocessing

5% - Process is in a dialog
Current Phase: PREP_CONFIGURATION/SAVE_VAR_CHK

Save Variants

You can enable the Software Update Manager to run a report that saves and restores variants from your system. For more information, see [SAP Note 1696821](#).

Yes, run the report to save and restore the variants

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SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard) A

Tasklist Logs Breakpoints Help ≡

Extraction Configuration Checks Preprocessing Execution Postprocessing

5% - Process is in a dialog
Current Phase: PREP_CONFIGURATION/SQLSELEXE_CHECK_SDML_USERS

Check for Technical Users for the Silent Data Migration Infrastructure

One or more clients do not have a technical user for the Silent Data Migration. Those users are indispensable to reduce downtime for later upgrades of the system. For more information, see [SAP Note 2664638](#).

Do you want the Software Update Manager to create the users and assign them to Silent Data Migration?

Yes, SUM shall create the users automatically

No, the required users will be created manually after SUM has finished

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SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard) A

Tasklist Logs Breakpoints Help ≡

Extraction Configuration Checks Preprocessing Execution Postprocessing

5% - Process is in a dialog
Current Phase: PREP_CONFIGURATION/LANG_SELECT

Summary of Language Updates or Installations

Check your selected languages listed below, and provide the necessary archives for their installation or update.

The following languages will be updated:

Iso Name	Name	Location	Comment	Status
EN	English	/media/S4Hana_2020/SUM/abap/tmp/lang/EN		Update
DE	German	/media/S4Hana_2020/SUM/abap/tmp/lang/DE		Update
PT	Portuguese	/media/S4Hana_2020/SUM/abap/tmp/lang/PT		Update

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SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard) A

Tasklist Logs Breakpoints Help ≡

Extraction Configuration Checks Preprocessing Execution Postprocessing

10% - Process is in a dialog
Current Phase: PREP_EXTENSION/UNINSTALL_PREPARE

Preparation of Component Uninstallation

The following components will be uninstalled during the upgrade:

Component	Release	SAP Note
ST-UI	100	2419600

To avoid data loss, read the associated SAP Notes carefully. They contain further information about the components and describe necessary steps before and after their uninstallation.

*I confirm that I have read the notes that apply to the components and that the listed components can be uninstalled

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SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard) A

Tasklist Logs Breakpoints

Extraction Configuration Checks Preprocessing Execution Postprocessing

10% - Process is running
Current Phase: PREP_EXTENSION/EHP_INCLUSION

Process execution in progress

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard) A

Tasklist Logs Breakpoints Help ≡

Extraction Configuration Checks Preprocessing Execution Postprocessing

10% - Process is in a dialog
Current Phase: PREP_EXTENSION/IS_SELECT

Add-On Selection
Select the add-ons for which you want to change the decision on the target release.

<input type="checkbox"/>	Add-On	Source Release	Target Release	Status	Note
<input type="checkbox"/>	OTEXHCM	1620_700	1620_700	KEEP VERSION	632429

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This is the point where you need to decide to keep the version, not to delete and continue.

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard) A

Tasklist Logs Breakpoints Help ≡

Extraction Configuration Checks Preprocessing Execution Postprocessing

10% - Process is in a dialog
Current Phase: PREP_EXTENSION/BIND_PATCH

Select Support Packages That You Want to Include
Select the support packages that you want to include:
You need this if the current package level can only be retained with equivalent support packages of the target release.

Component	Release	Export Level	Minimum Level	Equivalence Level	Maximum Level	Calculated Level	Target Level	Status
EA-DFPS	805	0	1	1			1	
EA-HR	608	82	87	87			87	
EA-PS	805	0	1	1			1	

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SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard) 

Tasklist Logs Breakpoints Help 

Extraction Configuration Checks Preprocessing Execution Postprocessing

10% - Process is in a dialog
Current Phase: PREP_EXTENSION/ADDON_LANGINC

Add-On Language Packages Missing

WARNING: The inclusion of the add-on languages has been completed, but language packages are missing for some of the selected languages "EDP".
For the following add-ons and languages, language packages are missing:

Add-On	Language
OTBCBAS	Portuguese
OTBCS4	Portuguese
OTBCSL00	Portuguese
OTBCSL30	Portuguese
OTBCWUI	Portuguese

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SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard) 

Tasklist Logs Breakpoints Help 

Extraction Configuration Checks Preprocessing Execution Postprocessing

10% - Process is in a dialog
Current Phase: PREP_EXTENSION/ADDON_LANGINC

OTBCSL00	Portuguese
OTBCSL30	Portuguese
OTBCWUI	Portuguese
OTEXBAS	Portuguese
OTEXBASF	Portuguese
OTEXBASO	Portuguese
OTEXERP	Portuguese
OTEXRL	Portuguese
OTEXRLE	Portuguese
OTEXRLF	Portuguese

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SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard) 

Tasklist Logs Breakpoints Help 

Extraction Configuration Checks Preprocessing Execution Postprocessing

10% - Process is in a dialog
Current Phase: PREP_EXTENSION/ADDON_LANGINC

OTEXRLF	Portuguese
OTEXRLO	Portuguese
OTEXVIM	Portuguese
OTBCRM	Portuguese
OTBCSL08	Portuguese

If you want to include further add-on language packages, provide the corresponding language package files in the EPS inbox directory and repeat the phase.
Do you want to include further add-on language packages?

Yes
 No

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Languages, No need to install in my case, so NO and next .

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

12% - Process is running
Current Phase: PREP_INTEGRATION/TR_TODIR_MERGE_PATCH

Process execution in progress

Tasklist (Configuration)

Task Type	Status	Description
GENBUFFER_PREPUT	Green	
TR_CMDIMPORT_UPGTST	Green	
TR_CONVHEAP_IMPQUEUE	Green	
TR_TODIR_MERGE_PATCH	Blue	
JOB_RDDIT021	Grey	
RUN_TEST_UPGEXTENSION_AFTERMERGE	Grey	
RUN_INDEVSYS_TADIR_UPD1	Grey	
UVERS_UP_T	Grey	
RUN_SHOW_RELICTS_PREP	Grey	
RUN_RLFW_SYSTEMSEP_NR	Grey	
RUN_UPG_STRESSMAKERINI	Grey	
RUN_RTO_CALLER_CREATE_VIEWS	Grey	

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

13% - Process is running
Software Update Manager

Process execution in progress

Tasklist (Configuration)

Task Type	Status	Description
SUBMOD_PREP_INSTALL/SUBMOD_PRO...	Green	
SUBMOD_PREP_INSTALL/ASCS_ASK	Green	
SUBMOD_PREP_INSTALL/KERNEL_DIAG	Green	
SUBMOD_PREP_INSTALL/INSTANCELIST_...	Green	
SUBMOD_PREP_INSTALL/SCANDIR_SHOW	Green	
PREP_SHDTABLES	Green	
RUN_GENPUTTBSHD	Blue	
MODFILE_RSPTBFIL	Grey	
RUN_RSPTBFIL_PRP_PUTTB	Grey	
READPUTTB_PRP_PUTTB	Grey	
RUN_DBCLONE_INIT	Grey	
INITTOOL_SHD	Grey	

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks

13% - Process is in a dialog
Software Update Manager

Current Status of Roadmap Step "Config"

The roadmap step Configuration was completed successfully.

Note that the file "CHECKS.LOG" contains entries of the following:

- Information of phase READCVERS_DUMP
- Content of Download Directory
- ASCS Setup Detected
- Check for High Availability System
- Information of phase ADDON_INFO

Check the entries and perform, if available, any manual steps listed there.

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Tasklist (Logs)

Remote Database Detected
Information of phase READCVERS_DUMP
Content of Download Directory
ASCS Setup Detected
Check for High Availability System
Information of phase ADDON_INFO

Tasklist (Breakpoints)

SAVE_VAR_CHK
SUMASK_RFC_2_SLT_SERVER
SUMASK_LIVECACHE
ASKSWITCHES
DIR_SWITCH_ASK

Tasklist Logs Br

Remote Database Detected

SUM-Phase: PREP_PRE_CHECK/DBCHK_PRE

INFO: Your database and your SUM application server instance are running on different hosts. Perform all actions concerning the database on the database host.

Information of phase READCVERS_DUMP

SUM-Phase: PREP_INPUT_CHECK/READCVERS_DUMP

INFO: Your system was determined as product type S/4HANA.

Check for High Availability System

SUM-Phase: PREP_INPUT/HA_SYSTEM_CHK

Your system is running without a high availability setup.

SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard)

Current Status of Roadmap Step "Configuration"

The roadmap step Configuration was completed successfully. You can continue with roadmap step Checks.

Note that the file "CHECKS.LOG" contains entries of type info.

Check the entries and perform, if available, any manual steps listed there.

Tasklist (Configuration)

Task Type	Status	Description
Config	Yellow	CONFIGURE
Config	Green	PREP_CONFIGURATION
Config	Green	INITSUBST
Config	Blue	SUMASK_CUSTOMER_BUFFER
Config	Green	SUMASK_CUSTOMER_SCR
Config	Blue	SUMASK_ADDONS2INSTALL
Config	Green	SUMASK_SPDD_SPAU
Config	Green	SAVE_VAR_CHK
Config	Blue	SUMASK RFC 2 SLT SERVER
Config	Blue	SUMASK_LIVECACHE
Config	Green	ASKSWITCHES
Config	Green	DIR_SWITCH_ASK

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SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard)

Tasklist (Checks)

Task Type	Status	Description
Config	Blue	CONFIGURE
Config	Green	PREP_CONFIGURATION
Config	Green	INITSUBST
Config	Blue	SUMASK_CUSTOMER_BUFFER
Config	Green	SUMASK_CUSTOMER_SCR
Config	Blue	SUMASK_ADDONS2INSTALL
Config	Green	SUMASK_SPDD_SPAU
Config	Green	SAVE_VAR_CHK
Config	Blue	SUMASK RFC 2 SLT SERVER
Config	Blue	SUMASK_LIVECACHE
Config	Green	ASKSWITCHES
Config	Green	DIR_SWITCH_ASK

Process execution in progress

SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard)

Open Actions in Transactions SPDD and SPAU

Open actions in transactions SPDD and SPAU from former upgrades or support package implementations found:

Number of obsolete and non-adjusted SAP Notes:	8
Number of non-adjusted modified objects:	0

Summary of non-adjusted modified objects:

with Modification Assistant:	0
thereof relevant for SPDD:	0
without Modification Assistant:	0

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SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard) 

Tasklist Logs Breakpoints Help 

Extraction Configuration Checks Preprocessing Execution Postprocessing

15% - Process is in a dialog
Current Phase: PREP_GENCHECKS/SPAU_FILL_LEVEL_DEC

Summary of non-adjusted modified objects:

with Modification Assistant:	0
thereof relevant for SPDD:	0
without Modification Assistant:	0
thereof relevant for SPDD:	0

Non-adjusted objects with active version from SAP:

total number:	0
thereof relevant for SPDD:	0

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Say Next

SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard) 

Tasklist Logs Breakpoints Help 

Extraction Configuration Checks Preprocessing Execution Postprocessing

15% - Process is in a dialog
Current Phase: PREP_GENCHECKS/SPAU_FILL_LEVEL_DEC

Non-adjusted objects with active version from SAP:

total number:	0
thereof relevant for SPDD:	0

To minimize the effort for modification adjustment, we recommend the following steps:

- Confirm all obsolete SAP Notes.
- Reset all objects that have been overwritten by the SAP version but are still considered as modified because they have not been adjusted.

If this is the Development system, you can use report RSUPG_AUTO_ADJ_SPAU to get a list of modified objects that are possible candidates for a reset to SAP standard. Depending on the number of objects, we recommend executing the report in background. The report writes the list of candidates to a log file. The report also offers the possibility to perform an automatic reset to SAP Standard for the listed candidates. The workbench request which is required for this automatic adjustment must be imported into the follow-up systems before the upgrade of these systems.

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SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard) 

Tasklist Logs Breakpoints

Extraction Configuration Checks Preprocessing Execution Postprocessing

15% - Process is running
Software Update Manager

Process execution in progress

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Extraction Configuration Checks

17% - Process

Software Update Manager

Current Status of Roadmap Step "Checks"

The roadmap step Checks was completed successful.

Note that the file "CHECKS.LOG" contains entries of t.
Check the entries and perform, if available, any manual steps listed there.

Add-On Retrofit Information
Upgrade System Information
Instances Detected in the System Landscape
Content of Download Directory
Update SAP Front-End Software
Tables in old persistence format detected

Tasklist Logs Breakpoints Help

Back Next

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Extraction Configuration Checks Preprocessing Execution Postprocessing

17% - Process is in a dialog

Current Phase: MAIN_INIT/REPACHK1

Inactive Objects and Open Repairs found

Inactive customer objects found.

Activate the objects or remove the inactive versions. Then release the repairs and transport orders to ensure that the upgrade procedure can continue.

If you cannot find any of the inactive objects listed below in the SAP system, see [SAP Note 538167](#) for more information.

If you cannot find the inactive objects in the SAP System, and the report from [SAP Note 538167](#) does not show any inconsistencies, the inactive objects are relicts from imported transports with activation errors which were not corrected. Use the edit transactions for the objects to remove the inactive versions, or import the correct state of the object from another system.

Program ID in Requests and Tasks	Object Type	Object Name
LIMU	CLSD	ZCL_IFMED_UTIL
LIMU	CLSD	ZCL_ZWOD_IFMED_CLIENT_DPC_EXT
LIMU	CPRI	ZCL_IFMED_UTIL

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SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Extraction Configuration Checks Preprocessing Execution Postprocessing

17% - Process is in a dialog

Current Phase: MAIN_INIT/REPACHK1

Program ID in Requests and Tasks

Program ID in Requests and Tasks	Object Type	Object Name
LIMU	CLSD	ZCL_IFMED_UTIL
LIMU	CLSD	ZCL_ZWOD_IFMED_CLIENT_DPC_EXT
LIMU	CPRI	ZCL_IFMED_UTIL
LIMU	CPO	ZCL_ZWOD_IFMED_CLIENT_DPC_EXT
LIMU	CPUB	ZCL_IFMED_UTIL
LIMU	CPUB	ZCL_ZWOD_IFMED_CLIENT_DPC_EXT
LIMU	REPS	YRS_CLASS_DOWNLOAD_XML
LIMU	REPS	YRS_CLASS_XML_CONST

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SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard) !

Tasklist Logs Breakpoints Help ≡

↓ Extraction ⚙️ Configuration 📝 Checks 📅 Preprocessing ▶ Execution 🎬 Postprocessing

17% - Process is in a dialog
Current Phase: MAIN_INIT/REPACHK1

LIMU	REPS	ZPY_PU01_MASS
LIMU	REPS	ZPY_VALIDANET
LIMU	REPS	ZTEST
R3TR	ENHO	ZIFMED_ODL
R3TR	SPPF	ZDEMO_FORM
R3TR	SPPF	ZFI_INVOICE_EXC_01_BCK
R3TR	SPPF	ZLO_MEDRUCK_PO_BCK

Locked SAP objects have been found in open repairs, corrections, or transport orders! If these orders are not released, you will not be able to adjust these objects if necessary.
The development environment has been unlocked now. Release the repairs and transport orders to ensure that you can adjust the contained objects, if necessary.

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SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard) !

Tasklist Logs Breakpoints Help ≡

↓ Extraction ⚙️ Configuration 📝 Checks 📅 Preprocessing ▶ Execution 🎬 Postprocessing

17% - Process is in a dialog
Current Phase: MAIN_INIT/REPACHK1

Locked SAP objects have been found in open repairs, corrections, or transport orders! If these orders are not released, you will not be able to adjust these objects if necessary.
The development environment has been unlocked now. Release the repairs and transport orders to ensure that you can adjust the contained objects, if necessary.

Transport Request	User	Date	Repair	User	Date
102_HD1_C440	E1	20210408			
102_HD1_C441	E1	20210408			20210428
102_HD1_C450	E1	20210415			

You can ignore this error now. The program checks for open repairs again later.

Yes, ignore failed checks and continue with the procedure

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SAP Software Update Manager 2.0 SP10 (PL2) Upgrade on SAP S/4HANA (Standard) !

Tasklist Logs Breakpoints Help ≡

↓ Extraction ⚙️ Configuration 📝 Checks 📅 Preprocessing ▶ Execution 🎬 Postprocessing

22% - Process is running
Current Phase: MAIN_SHDCRE/EU_IMPORT_ALL

Process execution in progress

Task Type	Status	Description
Run	Running	RUN_STRESS2UPGRADE
Run	Running	RUN_EXPORT_PUTTBX_S4T_INI
Run	Running	RUN_RSPTBFIL_INIT
Run	Running	READPUTTB_UPG
Run	Running	LOCKEU_PRE
Run	Running	RUN_HTA_HDI__PRODUCTION_CONTNR...
Run	Running	REPACHK_EHPI
Run	Running	LMSEMAPHORE_REMPRE
Run	Running	JOB_RSUPG_SAVE_SPAU_RELICTS
Run	Running	SUMCHK_MAIN
Run	Running	UVERS_UP_U_CLONE
Run	Running	JOB_RUTPRERN2VIEW

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

22% - Process is running
Current Phase: MAIN_SHDCRE/EU_IMPORT_ALL

Process execution in progress

0% - Process is running
Imports substitution set for shadow tables
processes: total=1283 completed=22 running=8

Tasklist (Preprocessing)

Task Type	Status	Description
RUN_STRESS2UPGRADE	Running	RUN_STRESS2UPGRADE
RUN_EXPORT_PUTTBX_S4T_INI	Running	RUN_EXPORT_PUTTBX_S4T_INI
RUN_RSPTBFIL_INIT	Running	RUN_RSPTBFIL_INIT
READPUTTB_UPG	Running	READPUTTB_UPG
LOCKEU_PRE	Running	LOCKEU_PRE
RUN_HTA_HDI__PRODUCTION_CONTNR...	Running	RUN_HTA_HDI__PRODUCTION_CONTNR...
REPACHK_EHPI	Running	REPACHK_EHPI
LMSEMAPHORE_REMPRE	Running	LMSEMAPHORE_REMPRE
JOB_RSUPG_SAVE_SPAU_RELICTS	Running	JOB_RSUPG_SAVE_SPAU_RELICTS
SUMCHK_MAIN	Running	SUMCHK_MAIN
UVERS_UP_U_CLONE	Running	UVERS_UP_U_CLONE
JOB_RUTPRERN2VIEW	Running	JOB_RUTPRERN2VIEW

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

23% - Process is in a dialog
Current Phase: MAIN_SHDCRE/SUBMOD_REPACHK/REPACHK2

Lock Development Environment

The development environment has to be locked now.
Note: Changing development objects is not possible anymore if the development environment is locked.

*Lock the development environment now

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Tasklist (Preprocessing)

Task Type	Status	Description
SUBMOD_SHDALIASCRE_CRR/PSCRGEN...	Running	SUBMOD_SHDALIASCRE_CRR/PSCRGEN...
SUBMOD_SHDALIASCRE_CRR/SETEXEC...	Running	SUBMOD_SHDALIASCRE_CRR/SETEXEC...
SUBMOD_SHDALIASCRE_CRR/SETEXEC...	Running	SUBMOD_SHDALIASCRE_CRR/SETEXEC...
SUBMOD_SHDALIASCRE_CRR/SQLSELEX...	Running	SUBMOD_SHDALIASCRE_CRR/SQLSELEX...
SUBMOD_SHDALIASCRE_CRR/SETEXEC...	Running	SUBMOD_SHDALIASCRE_CRR/SETEXEC...
SUBMOD_SHDALIASCRE_CRR/SCEXEC_...	Running	SUBMOD_SHDALIASCRE_CRR/SCEXEC_...

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

23% - Process is in a dialog
Current Phase: MAIN_SHDCRE/SUBMOD_REPACHK/REPACHK2

The screenshot shows the SAP Software Update Manager interface. At the top, it says "Software Update Manager 2.0 SP10 (PL2)" and "Upgrade on SAP S/4HANA (Standard)". A green warning icon is present. The navigation bar includes "Tasklist", "Logs", "Breakpoints", and "Help". Below the navigation, there are seven icons representing different phases: Extraction, Configuration, Checks, Preprocessing (highlighted in blue), Execution, and Postprocessing.

A progress bar at the top indicates "56% - Process stopped with error". The current phase is "MAIN_PREDTCHECKS/SUBMOD_S4H_CHECK_EXEC/RUN_S4H_SIF_CHECK_EXEC".

An error message is displayed: "ERROR: Batchjob /SDF/RC_START_CHECK failed. The following errors were detected in the log files:

```
# /media/S4Hana_2020/SUM/abap/log/S4_SIF_TRANSITION_CHECKS.NPD:
4 ETG011 "
4 ETG037 Report name ...: "/SDF/CL_RC_CHK.Utility=====CP"
4 ETG041 Start time.....: "21.05.2021" "20:48:25"
4 ETG011 "
4 ETG039 -----
2ETG011 "Consistency check overall information"

4 ETG011 "the check was downloaded from SAP at *10.03.2021"
4 ETG011 "02:21:06 UTC"
4 ETG011 "Target version: SAP S/4HANA 2020 [01 (02/2021) FP]"
4 ETG011 "Latest version 141 of SAP Note 2399787 is"
4 ETG011 "Implemented."
2ETG011 "Minimum required version 84 of SAP Note 2502552"
2ETG011 "not implemented."
```

At the bottom, there are "Back" and "Next" buttons.

SAP Note: 2502552 - S4TC - SAP S/4HANA Conversion & Upgrade new Simplification Item Checks

Blog: <https://blogs.sap.com/2018/03/26/sap-s4hana-simplification-item-check-how-to-do-it-right./>

Change log:

Version 88: Minor adjustment in the dependencies on start release S4CORE. (Note 2665372 added as dependent)

Version 87: This note can be used for SAP S/4HANA 2020 SP02, added note 2850333.

Version 86: Minor correction of prerequisite for swc ERECRUIT

Version 85: Correction added 3011425

Version 84: Corrections added 3009161 and 3009162

Version 83: Correction added 2998453 - EA-HRGXX

Version 82: Correction added 2994093

Version 81: Correction added to note 2965544 - EA-HRGXX

Version 80: Added correction 2982137 and 2984456 and 2982157

Version 79: New TCI note 2910131 added. This TCI is required for target release SAP S/4HANA 2020 Initial Shipment Stack.

Version 78: Removed prerequisite for STTPEC due to tech. issues. Implement manually if necessary -> note 2965337.

Version 75: New STTPEC correction 2903240

Version 73: Added correction 2894923

Version 71: only text adjustments

Version 70: Added 3 *additional corrections*.

Version 69: Added new corrections.

In our case for resolving, taken support from SAP Product to fix because Version 86 is not readable and it has been fixed changing in the tool from SAP.

The screenshot shows the SAP Software Update Manager interface. The navigation bar includes "Tasklist" and "Logs". Below the navigation, there are seven icons representing different phases: Extraction, Configuration, Checks, Preprocessing (highlighted in blue), Execution, and Postprocessing.

A progress bar at the top indicates "56% - Process stopped with error". The current phase is "MAIN_PREDTCHECKS/SUBMOD_S4H_CHECK_EXEC/RUN_S4H_SIF_CHECK_EXEC".

An error message is displayed: "Repeat Phase".

Text below the error message states: "Checks after phase MAIN_PREDTCHECKS/SUBMOD_S4H_CHECK_EXEC/RUN_S4H_SIF_CHECK_EXEC were negative!"

Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

60% - Process is in a dialog
Current Phase: MAIN_DTTRANS/DOWNCONF_DTTRANS

Preparations for Downtime

The procedure has reached the end of the "Preprocessing" roadmap step.

Carry out now the following actions:

- Stop all production activities
- Ensure that no scheduled batch jobs can start anymore, and await regular completion of currently running jobs
- Make sure that all users have logged out
- Isolate the primary application server instance as described in the SUM guide, section "Isolating the Primary Application Server Instance"

When you confirm below "Actions completed", the system will be stopped and you will be prompted to perform a complete backup.

*Actions completed

Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

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SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Extraction Configuration Checks Preprocessing Execution Postprocessing

61% - Process is in a dialog
Current Phase: MAIN_DTRANS/DOWNCONF_DTRANS_BCK

Your system has been stopped and is ready to enter the downtime.
Backup up now the complete upgrade directory including all its subdirectories!

Caution: To restart the upgrade from this point, you must be able to restore the database, the system directory, and the program directory to the whole procedure.

To reset the whole upgrade now, proceed as follows:

- choose "Resume production operation" and click on "Next"
- wait for a subsequent dialog which indicates that the system is up and running again
- choose "Reset" from the "More" menu and confirm this decision in the upcoming dialog

Backup completed
 Resume production operation

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist Logs Breakpoints

Extraction Configuration Checks Preprocessing Execution Postprocessing

61% - Process is in a dialog
Software Update Manager

Current Status of Roadmap Step "Preprocessing"

The roadmap step Preprocessing was completed successfully. You can continue with roadmap step Execution.

Note that the file "CHECKS.LOG" contains entries of type info.
Check the entries and perform, if available, any manual steps listed there.

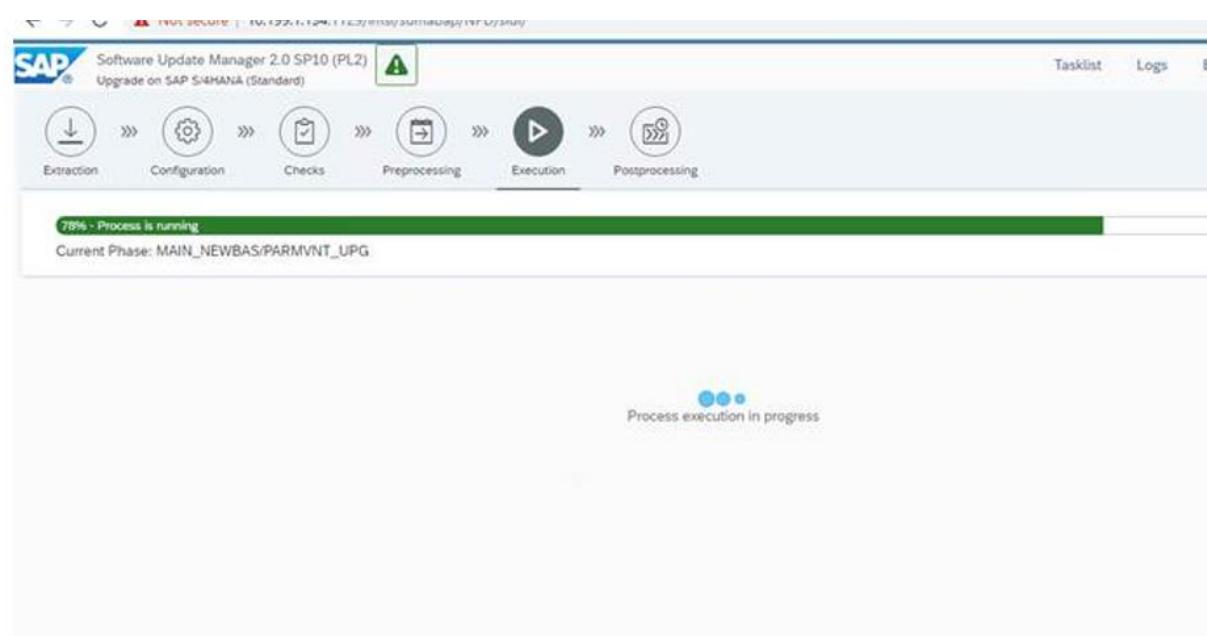
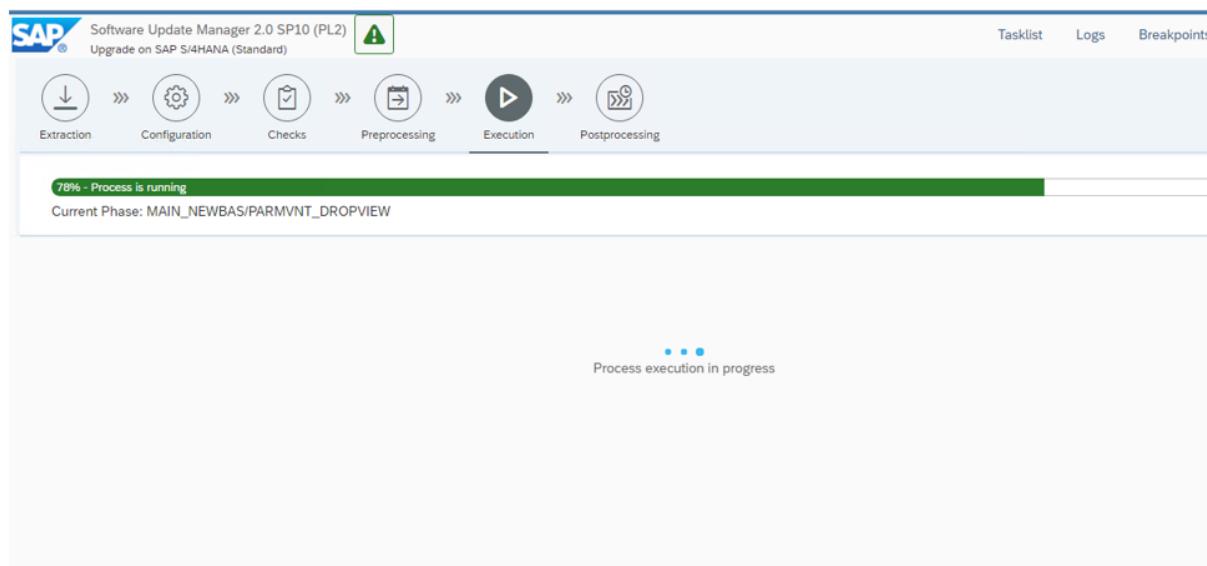
SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

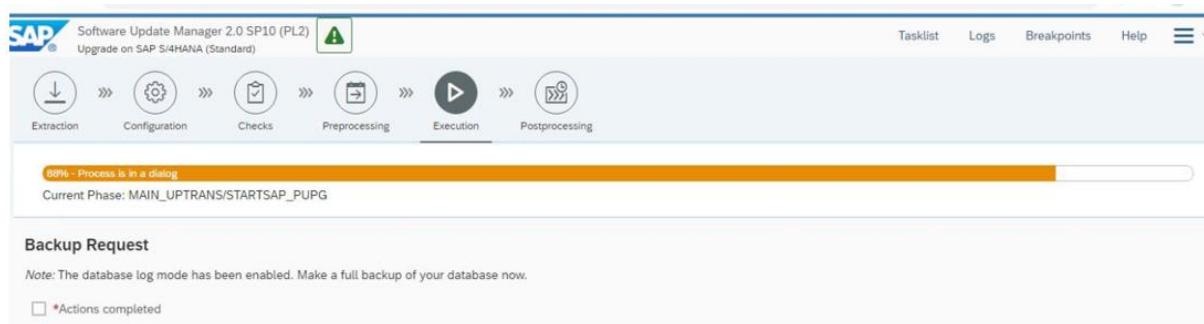
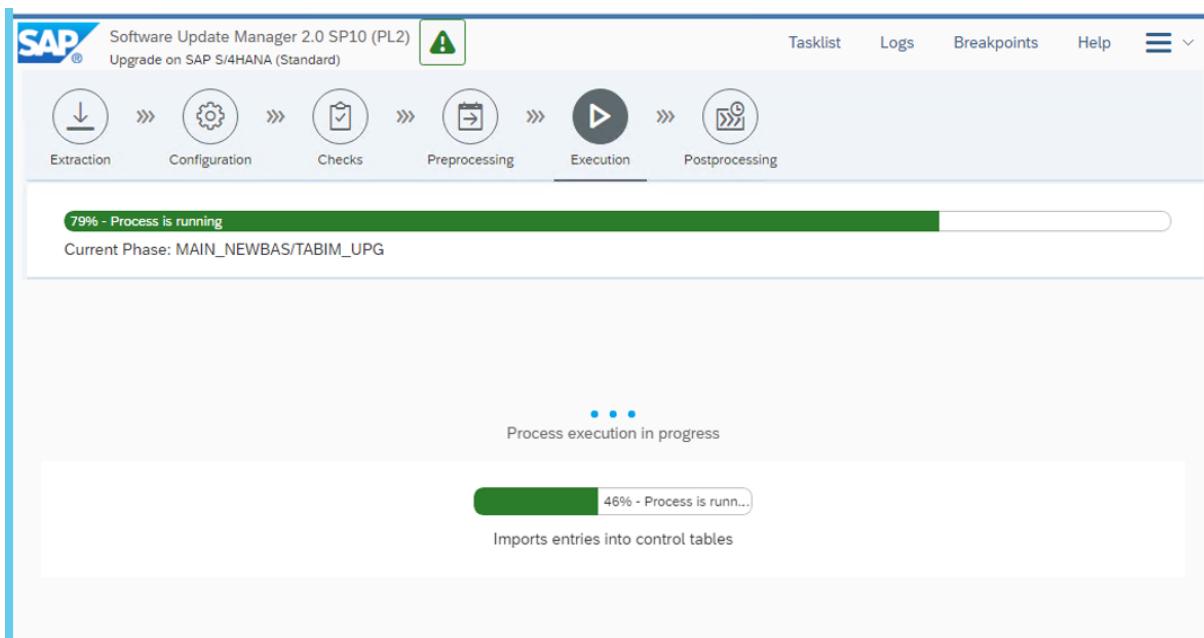
Tasklist Logs Breakpoints

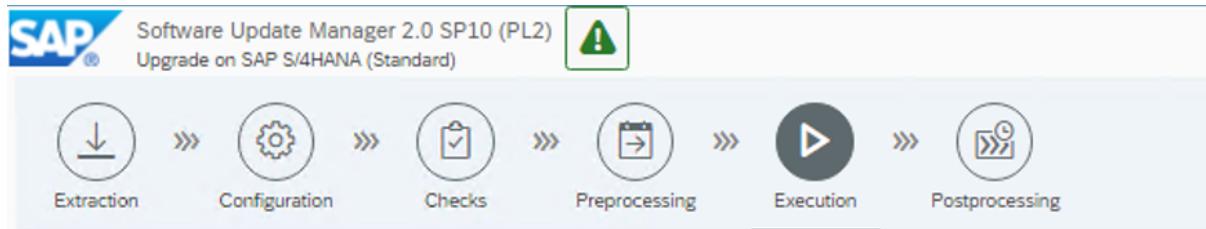
Extraction Configuration Checks Preprocessing Execution Postprocessing

64% - Process is running
Software Update Manager

Process execution in progress



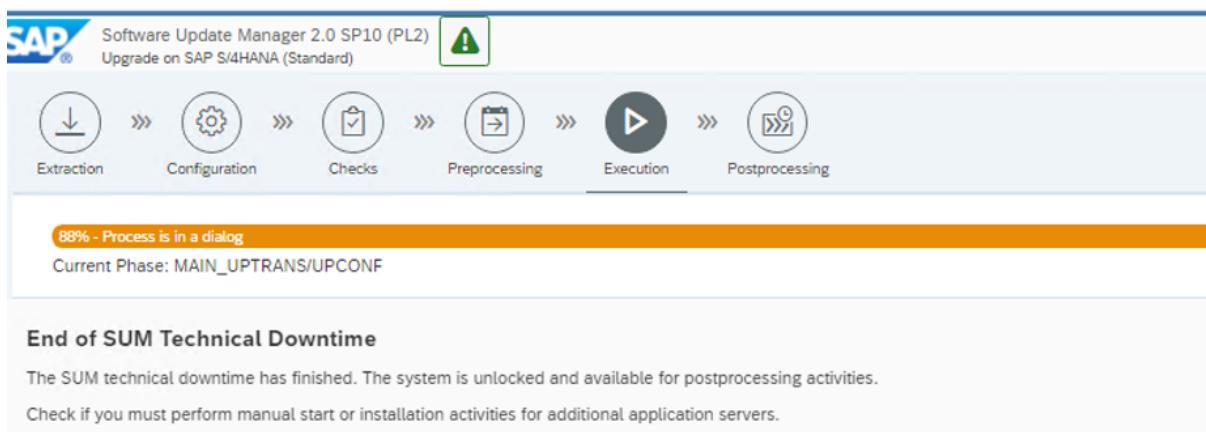
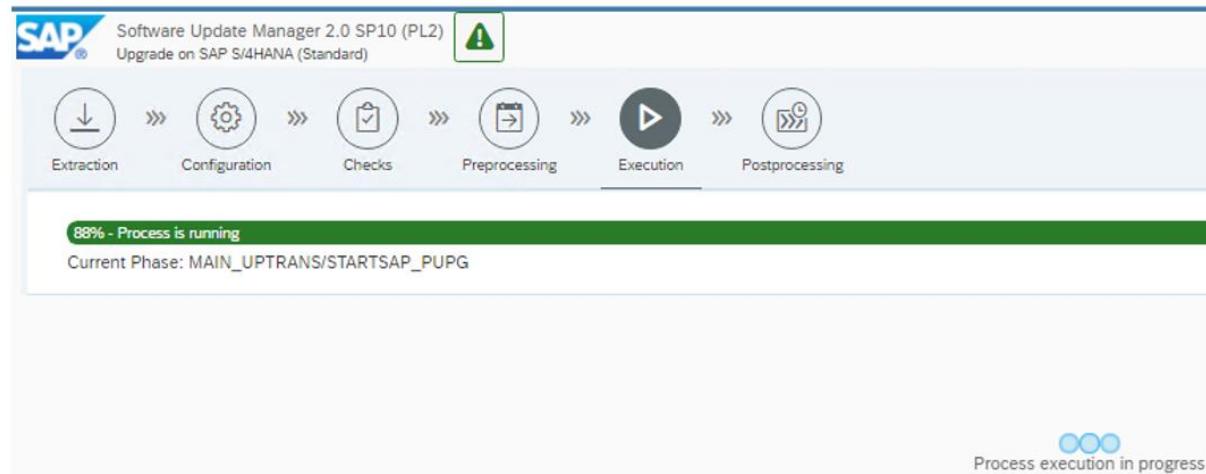


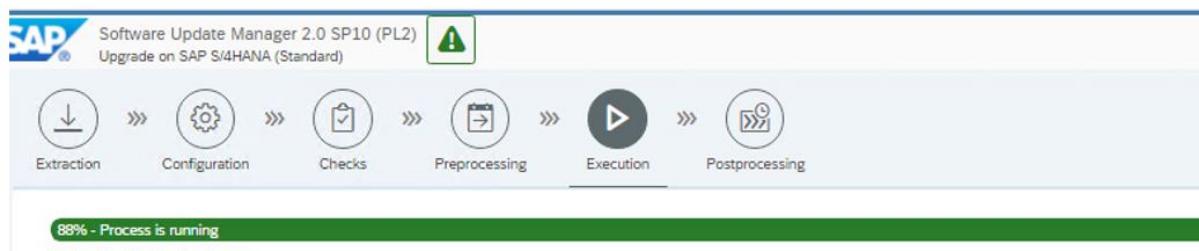


Backup Request

Note: The database log mode has been enabled. Make a full backup of your database now.

*Actions completed





SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Execution

88% - Process is in a dialog
Software Update Manager

Current Status of Roadmap Step "Execution": The roadmap step Execution was completed successfully.

Note that the file "CHECKS.LOG" contains entries of type "INFO". Check the entries and perform, if available, any mandatory actions.

- Remote Database Detected
- Information of phase READCVERS_DUMP
- Content of Download Directory
- ASCS Setup Detected
- Check for High Availability System
- Information of phase ADDON_INFO

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Postprocessing

89% - Process is running
Current Phase: MAIN_POSTPROC/NTACT_NTHIST_CNV

Process execution in progress

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Extraction Configuration Checks Preprocessing Execution Postprocessing

91% - Process is in a dialog
Current Phase: MAIN_POSTPROC/SUBMOD_SPAU_INFO/SPAUNINFO

Adjustment of Modified Repository Objects

No SPAU transport imported
2488 development objects that you modified previously in your system NPD have been imported during the update procedure.

Adjust your repository using transaction SPAU to keep your modifications. If you do not want to keep them, reset the affected objects to "SAP original" with transaction SPAU. Use transactions SPAU and SPAU_ENH to check for any open adjustments.

*Continue

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Extraction Configuration Checks Preprocessing Execution Postprocessing

91% - Process is running
Software Update Manager

Process execution in progress

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

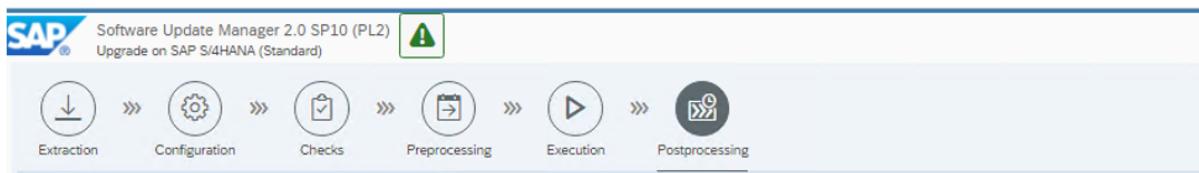
Tasklist Logs Breakpoints Help

Extraction Configuration Checks Preprocessing Execution Postprocessing

99% - Process is in a dialog
Current Phase: MAIN_POSTPROC/REQ_UP_FINAL

Start of Cleanup Processing

When you choose "Next", the Software Update Manager starts performing cleanup activities in the background. In the meantime, you can carry out the necessary manual post-processing activities.
Note that imports of customer transports and additional software installations are still possible until phase REQ_FINISH_IMPORT, in which you must confirm that such imports are no longer running or being started, or after you reached the EXIT-phase. Imports of this type are then only possible again after the upgrade.



SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Tasklist

Extraction Configuration Checks Preprocessing Execution Postprocessing

99% - Process is in a dialog
Current Phase: MAIN_POSTCLEAN/REQ_FINISH_IMPORT

Confirmation Required for Imports
Before you continue with this phase, make sure that all imports of customer transports and additional software installations have been completed, and that no further imports are started until the end of the procedure.
Imports are only possible again after the upgrade.

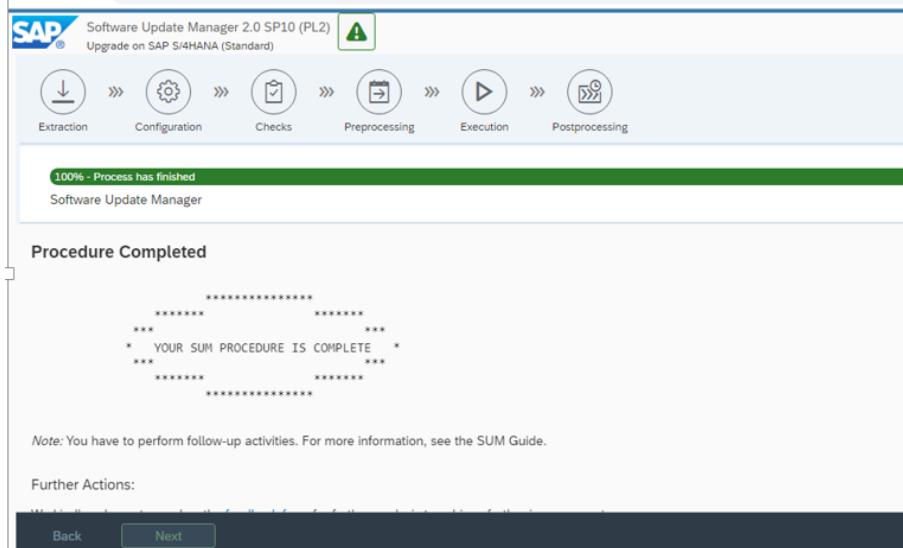
#I confirm that no more imports are running.

SAP Software Update Manager 2.0 SP10 (PL2)
Upgrade on SAP S/4HANA (Standard)

Extraction Configuration Checks Preprocessing Execution Postprocessing

98% - Process is running
Current Phase: MAIN_POSTCLEAN/RUN_UCON_REGISTER_FUNCS_FINISH

Process execution in progress



Post Upgrade Patch Level:

Installed Software Component Versions					Installed Product Versions
Product	Release	SP Stack	Vendor	Short Description of Product Version	
SF EMPLOYEECENTRAL INTEGRATION	1210	02	sap.com	SFSF EC INTEGRATION 1210	
S/4HANA EHS OCCUP HEALTH	1812	02 (11/2019)	sap.com	S/4HANA EHS OCCUP HEALTH 1812	
S4HANA ON PREMISE	2020	01 (02/2021) FP	sap.com	SAP S/4HANA 2020	
ACS FOR S4HANA	1.4	Initial Shipment Stack	sap.com	SAP ACS 1.4 FOR SAP S/4HANA	
S/4 INVOICE MGMT BY OT INV	20.4	Initial Shipment Stack	sap.com	S/4 INVOICE MGT BY OT INV 20.4	
S/4 INVOICE MGMT BY OT FND	20.4	Initial Shipment Stack	sap.com	S/4 INVOICE MGT BY OT FND 20.4	
S/4HANA EXT ECM BY OT	20.4	Initial Shipment Stack	sap.com	S/4 EXTENDED ECM BY OT 20.4	
SAP S/4HANA FOUNDATION	2020	01 (02/2021) FP	sap.com	SAP S/4HANA FOUNDATION 2020	
ABAP PLATFORM	2020	01 (02/2020)	sap.com	ABAP PLATFORM 2020	
SAP FIORI FOR S4HANA	2020	01 (02/2021)	sap.com	SAP FIORI FOR SAP S/4HANA 2020	
SAP FIORI FES FOR S/4HANA	2020	SP01 (02/2021)	sap.com	SAP FIORI FES 2020 FOR S/4HANA	

Component	Release	SP-Level	Support Package	Short Description of Component
EA-HRCUN	608	0087	SAPK-60887INEAHRCUN	Subcomponent EA-HRCUN of EA-HR
EA-HRCUS	608	0087	SAPK-60887INEAHRCUS	Subcomponent EA-HRCUS of EA-HR
EA-HRCVE	608	0087	SAPK-60887INEAHRCVE	Subcomponent EA-HRCVE of EA-HR
EA-HRCZA	608	0087	SAPK-60887INEAHRCZA	Subcomponent EA-HRCZA of EA-HR
EA-HRGXX	608	0087	SAPK-60887INEAHRGXX	Subcomponent EA-HRGXX of EA-HR
EA-HRXXX	608	0087	SAPK-60887INEAHRXXX	Subcomponent EA-HRXXX of EA-HR
EA-PS	805	0001	SAPK-80501INEAPS	SAP Enterprise Extension Public Services
SAPFRA	14S	0000	-	ASSURANCE and COMPLIANCE
FI-CAX	805	0001	SAPK-80501INFICAX	FI-CA Extended
INSURANCE	805	0001	SAPK-80501ININSURANC	SAP Insurance
IS-OIL	805	0001	SAPK-80501INISOIL	IS-OIL
IS-PRA	805	0001	SAPK-80501INISPRA	SAP IS-PRA
IS-PS-CA	805	0001	SAPK-80501INISPSCA	IS-PUBLIC SECTOR CONTRACT ACCOUNTING
IS-UT	805	0001	SAPK-80501INISUT	SAP Utilities/Telecommunication
ODTFINCC	600	0011	SAPK-60011INODTFINCC	ODTFINCC 600
PA_SE_IN	100	0030	SAPK-10030INPASEIN	Personnel Administration Inbound Service

Component	Release	SP-Level	Support Package	Short Description of Component
ODTFINCC	600	0011	SAPK-60011INODTFINCC	ODTFINCC 600
PA_SE_IN	100	0030	SAPK-10030INPASEIN	Personnel Administration Inbound Service
S4COREOP	105	0001	SAPK-10501INS4COREOP	S/4HANA, On-Premise only parts
S4DEPREC	105	0000	-	S/4HANA, deprecation parts
GBX01HR	600	0019	SAPK-60019INGBX01HR	FIORI X1 HCM
GBX01HR5	605	0016	SAPK-60516INGBX01HR5	FIORI X1 HCM
SRA004	600	0011	SAPK-60011INSRA004	Create Travel Request OData Integration
UIACS	14S	0000	-	Ui for ASSURANCE and COMPLIANCE
UIAPI70	800	0001	SAPK-80001INUIAPFI70	UI SFIN
UIHR002	100	0012	SAPK-10012INUIHR002	UI for ERP Human Capital Management 100
UIMDG001	200	0009	SAPK-20009INUIMDG001	UI for MDG
UIS4HOP1	600	0001	SAPK-60001INUIS4HOP1	UI for S/4HANA On Premise
UITRV001	300	0005	SAPK-30005INUITRV001	UI for Travel 300: Add-On Installation
EHSOHS4	100	0002	SAPK-10002INEHSOHS4	Occupational Health Functionality S4Hana
OTBCBAS	0700_006	0000	-	OpenText Process Base
OTBCRM	0700_006	0000	-	OpenText VIM xECM Integration

Component	Release	SP-Level	Support Package	Short Description of Component
EHSOHS4	100	0002	SAPK-10002INEHSOHS4	Occupational Health Functionality S4Hana
OTBCBAS	0700_006	0000	-	OpenText Process Base
OTBCRM	0700_006	0000	-	OpenText VIM xECM Integration
OTBCS4	1610_106	0000	-	OpenText VIM S/4 Base
OTBCSL00	0700_006	0000	-	OpenText VIM Solution Base
OTBCSL08	81610_106	0000	-	OpenText VIM S/4 Invoice Simple
OTBCSL30	81610_106	0000	-	OpenText VIM S/4 Invoice Base
OTBCWUI	0740_006	0000	-	OpenText Process Fiori Base
OTEXBAS	2040_700	0000	-	OpenText Arc.&Doc.Acc. for SAP Basis
OTEXBASF	2040_740	0000	-	OpenText Arc.&Doc.Acc. for SAP Fiori UI
OTEXBASO	2040_700	0000	-	OpenText Arc.&Doc.Acc. for SAP OData
OTEXERP	2040_700	0000	-	OpenText Arc.&Doc.Acc. for ERP, S/4HANA
OTEXHCM	1620_700	0000	-	OpenText Extended ECM for SAP SuccessFac
OTEXRL	2040_700	0000	-	OpenText Extended ECM for SAP Solutions
OTEXRLE	2040_700	0000	-	OpenText Extended ECM for ERP, S/4HANA
OTEXRLE	2040_700	0000	-	OpenText Extended ECM for ERP, S/4HANA

Installed Software Component Versions		Installed Product Versions		
Component	Release	SP-Level	Support Package	Short Description of Component
OTBCSL00	0700_006	0000	-	OpenText VIM Solution Base
OTBCSL08	81610_106	0000	-	OpenText VIM S/4 Invoice Simple
OTBCSL30	81610_106	0000	-	OpenText VIM S/4 Invoice Base
OTBCWUI	0740_006	0000	-	OpenText Process Fiori Base
OTEXBAS	2040_700	0000	-	OpenText Arc.&Doc.Acc. for SAP Basis
OTEXBASF	2040_740	0000	-	OpenText Arc.&Doc.Acc. for SAP Fiori UI
OTEXBASO	2040_700	0000	-	OpenText Arc.&Doc.Acc. for SAP OData
OTEXERP	2040_700	0000	-	OpenText Arc.&Doc.Acc. for ERP, S/4HANA
OTEXHCM	1620_700	0000	-	OpenText Extended ECM for SAP SuccessFac
OTEXRL	2040_700	0000	-	OpenText Extended ECM for SAP Solutions
OTEXRLE	2040_700	0000	-	OpenText Extended ECM for ERP, S/4HANA
OTEXRLF	2040_740	0000	-	OpenText Extended ECM for SAP Solutions Fiori Apps
OTEXRLO	2040_700	0000	-	OpenText Extended ECM for SAP OData
OTEXVIM	81610_106	0000	-	OpenText VIM S/4 Invoice Classic
ST-A/PI	01U_731	0000	-	Servicetools for SAP Basis 731 and higher

All OT Patches need to apply separately with the OpenText Manager and ERROR currently facing.

opentext™ | Content Server

Enterprise ▾ Personal ▾ Tools ▾ ? ▾

 Database Upgrade Status

The database upgrade completed with errors
Please review the log below and contact
Open Text Technical support

```
[25/06/2021 01:45:12 PM]: Database upgrade started
[25/06/2021 01:45:12 PM]: Performing pre-upgrade step.
[25/06/2021 01:45:12 PM]: Done performing pre-upgrade step.
[25/06/2021 01:45:14 PM]: Upgrading othmc to version 1.0.0.9.
[25/06/2021 01:45:14 PM]: Starting precondition check
[25/06/2021 01:45:14 PM]: Applying the database schema upgrade
[25/06/2021 01:45:16 PM]: java.lang.RuntimeException: HttpURLConnectionFailed
[25/06/2021 01:45:16 PM]: The Module Upgrade Failed Due To Errors
```

-OT [Successfactor](#) Add-On dependency checking with OT Team. Open Text add-ons were already installed on S4 Hana but few add-ons are not available from Maintenance planner, service market place nor OTKC which is compatible with target versions which checking with OT support team.

In April month OpenText announced - [Announcing OpenText Business Network Cloud CE 21.2](#)

[SAP Note: 2594222 - OpenText End of Maintenance support dates and version compatibility](#)

[SAP Note: 2924845 - SAP S/4HANA 2020 - application specific notes in system conversion / upgrade follow-on phase](#)

[SAP Note:2214409 - SAP S/4HANA: Compatible Add-Ons](#)

[SAP Note: 2269324 - Compatibility Scope Matrix for SAP S/4HANA](#)

[The Future of Compatibility Packs in SAP S/4HANA](#)

[How the OpenText Enterprise Cloud Enables Business Transformation](#)

[10 Reasons to upgrade OpenText Content Suite and Extended ECM](#)



[Certification](#) you can perform.

Thank You,
Jasbir Khanuja, Never Stop Learning, Never Stop Exploring