

How to Re-run a Missing Upgrade

This pages how to re-run a missing upgrade.

Table of Contents	
• 1 Symptom	
• 2 Environment	
• 3 Resolution	
• 3.1 Step 1. Logon to Provisioning	
• 3.2 Step 2. Create New Job	
• 3.3 Step 3. Run the Job	
• 3.4 Step 4. Check the Result	
• 4 Appendix	

Symptom

We found missing upgrade by database query (say, COSR ticket), we need to re-rerun the missing upgrade again in provisioning.

The developer / support engineer should provide the missing upgrade XML file name.

- Example file name: *add_permission_for_ect_benefits_admin.xml*
- We may get a different file name based on the case.

Environment

Applicable to all SAP SuccessFactors applications.

Resolution

Step 1. Logon to Provisioning

Logon to the Provisioning, choose the company.

Navigate to:

- **Managing Job Scheduler**
 - **Manage Scheduled Jobs**

- **Managing Job Scheduler**

- [Manage Scheduled Jobs](#)
- [Monitor Jobs](#)
- [Managing PGP Keys](#)
- [Send to Server Report Transfer Settings](#)



- **API Debug Logs**

- [SFWebService Debug Log](#)
- [SFAPI Debug Log](#)
- [OData API Debug Log](#)

Step 2. Create New Job

In the **Manage Scheduled Jobs**,

- Click the link: **Create New Job**

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Company Details New Company Clone Company Reports Operations/Maintenance SMB Manage Provisioners SuccessStore Upgrade Center Media Content Upgrade Center Feature Conf

[up to Company Listing](#) [BizXTest](#) [0-9](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [Others](#) [show all...](#)

Manage Scheduled Jobs
Use this page to manage all Import/Export jobs.
[Managing PGP Keys](#)

Scheduled Jobs
[Create New Job](#) [Monitor Jobs](#)

Job Type: Job Name:

Prev 1 2 3 4 5 6 7 8 9 10 11

Job Name	Job Type	Recurring?
timeSheetSubmit(171132)	Submit Time Sheet Job	<input type="checkbox"/>
timeSheetGenerate(17131)	Time Sheet Generate Working Time Job	<input type="checkbox"/>
timeSheetImportExternalTimes(17130)	Time Sheet Import External Times Job	<input type="checkbox"/>
timeSheetSubmit(17112)	Submit Time Sheet Job	<input type="checkbox"/>
timeSheetGenerate(17111)	Time Sheet Generate Working Time Job	<input type="checkbox"/>
timeSheetImportExternalTimes(17110)	Time Sheet Import External Times Job	<input type="checkbox"/>
timeSheetSubmit(17092)	Submit Time Sheet Job	<input type="checkbox"/>

In the **Create New Job** page, fill in the parameters:

- Job Name: (any text which can identify this job)
- Job Owner: (usually the system admin / super user)
- Job Type: **Company Schema Upgrade Job**
- Rerun Options: the xml file name, example: **add_permission_for_ect_benefits_admin.xml**
- Occurrence: **Once**
- Click button: **Create Job**



Companies

[Company Details](#)
[New Company](#)
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[Reports](#)
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[Manage Provisioners](#)
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[Upgrade Center Media Content](#)
[Upgrade Center Feature Config](#)
[Search Index](#)
[Instance Sync Media Content](#)
[Application Security](#)

[up to Company Listing](#)
[BizXTest](#)
[0-9](#)
[A](#)
[B](#)
[C](#)
[D](#)
[E](#)
[F](#)
[G](#)
[H](#)
[I](#)
[J](#)
[K](#)
[L](#)
[M](#)
[N](#)
[O](#)
[P](#)
[Q](#)
[R](#)
[S](#)
[T](#)
[U](#)
[V](#)
[W](#)
[X](#)
[Y](#)
[Z](#)
[Others](#)
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Create New Job

Use this page to create a new job. Fields marked with * are required.

Job Definition

* **Job Name:** ←

* **Job Owner:** [Find User...](#) ←
The Job Owner will be used to authenticate all submitted jobs. They will also be the default user to receive E-mail notifications.

* **Job Type:** ←

Job Parameters: Rerun Options: ←
 Schedule Migrate Job:

The re-run file name, example:
 add_permission_for_ect_benefits_admin.xml

Job Occurrence & Notification

Occurrence: Once Recurring Dependant of

Recurring Pattern

Daily
 Weekly
 Monthly
 Yearly

Start Date: Jobs are scheduled based on local time for this server which is currently: Mon May 22 17:13:28 PDT 2017
 Time:

Additional E-mail Recipients:
Enter additional E-mail addresses, separated by commas, for all the users who want to receive the notifications.

Send E-mail when job starts:

Step 3. Run the Job

Come to [Manage Scheduled Jobs](#) page,

- Find the job we just created
- In the column **Actions**
- Click the **Select** button
- Click **Run it Now**

up to Company Listing [BizXTest](#) 0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Others [show all...](#)

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[Managing PGP Keys](#)

Scheduled Jobs
[Create New Job](#) [Monitor Jobs](#)

Job Type: Job Name: Status:

Prev 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 Next

Job Name	Job Type	Recurring?	Dependant of	Status	Actions
upgrade-rerun-rbp-benefits-admin(17190)	Company Schema Upgrade Job	<input type="checkbox"/>		Not Submitted	Select
timeSheetSubmit(17132)	Submit Time Sheet Job	<input type="checkbox"/>		<input type="button" value="Edit"/> <input type="button" value="Submit"/> <input type="button" value="Run It Now"/> <input type="button" value="Delete"/>	
timeSheetGenerate(17131)	Time Sheet Generate Working Time Job	<input type="checkbox"/>			
timeSheetImportExternalTimes(17130)	Time Sheet Import External Times Job	<input type="checkbox"/>			
timeSheetSubmit(17112)	Submit Time Sheet Job	<input type="checkbox"/>			
timeSheetGenerate(17111)	Time Sheet Generate Working Time Job	<input type="checkbox"/>		Submitted	Select
timeSheetImportExternalTimes(17110)	Time Sheet Import External Times Job	<input type="checkbox"/>		Submitted	Select
timeSheetSubmit(17092)	Submit Time Sheet Job	<input type="checkbox"/>		Submitted	Select
timeSheetGenerate(17091)	Time Sheet Generate Working Time Job	<input type="checkbox"/>		Submitted	Select
timeSheetImportExternalTimes(17090)	Time Sheet Import External Times Job	<input type="checkbox"/>		Submitted	Select

Step 4. Check the Result

Come to **Monitor Jobs** page,

- Choose **Job Type: Company Schema Upgrade Job**
- Click button **Refresh**

In the job, we may find its **Status** is **In Progress**.

up to Company Listing [BizXTest](#) 0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Others [show all...](#)

SUCCESS FACTORS

Manage Scheduled Jobs [View](#) [Waiting Jobs](#)
[Monitor Jobs](#)

Use this page to monitor all jobs submitted.

Job Monitor

Job Type: Status: Submitted from: to: Limit:

Job Name	Job Type	Job Creator	Job Executor	Status	Submission Time	Details	Error Code	Action
upgrade-rerun-rbp-benefits-admin(17191)	Company Schema Upgrade Job	SFV4	admin_lynn	In Progress	2017-05-22 17:23:04.551	Detail		Terminate
BizX Release.trunk.882412(15090)	Company Schema Upgrade Job	v4admin	v4admin	Completed	2015-11-25 21:00:35.822	Detail		
BizX Release.trunk.881729(15071)	Company Schema Upgrade Job	v4admin	v4admin	Completed	2015-11-25 19:18:15.415	Detail		
BizX Release.trunk.881729(15050)	Company Schema Upgrade Job	v4admin	v4admin	Completed	2015-11-25 13:04:54.407	Detail		
BizX Release.trunk.881531(15030)	Company Schema Upgrade Job	v4admin	v4admin	Completed	2015-11-25 08:44:03.915	Detail		
BizX Release.trunk.881531(15010)	Company Schema Upgrade Job	v4admin	v4admin	Completed	2015-11-24 23:11:39.667	Detail		
BizX Release.trunk.881329(14990)	Company Schema Upgrade Job	v4admin	v4admin	Completed	2015-11-24 20:00:38.489	Detail		

After some time, its **Status** could be **Completed**:

up to Company Listing [BizXTest](#) 0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Others [show all...](#)

SUCCESS FACTORS

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[Monitor Jobs](#)

Use this page to monitor all jobs submitted.

Job Monitor

Job Type: Status: Submitted from: to: Limit:

Job Name	Job Type	Job Creator	Job Executor	Status	Submission Time	Details	Error Code	Action
upgrade-rerun-rbp-benefits-admin(17191)	Company Schema Upgrade Job	SFV4	admin_lynn	Completed	2017-05-22 17:23:04.551	Detail		
BizX Release.trunk.882412(15090)	Company Schema Upgrade Job	v4admin	v4admin	Completed	2015-11-25 21:00:35.822	Detail		
BizX Release.trunk.881729(15071)	Company Schema Upgrade Job	v4admin	v4admin	Completed	2015-11-25 19:18:15.415	Detail		
BizX Release.trunk.881729(15050)	Company Schema Upgrade Job	v4admin	v4admin	Completed	2015-11-25 13:04:54.407	Detail		
BizX Release.trunk.881531(15030)	Company Schema Upgrade Job	v4admin	v4admin	Completed	2015-11-25 08:44:03.915	Detail		
BizX Release.trunk.881531(15010)	Company Schema Upgrade Job	v4admin	v4admin	Completed	2015-11-24 23:11:39.667	Detail		
BizX Release.trunk.881329(14990)	Company Schema Upgrade Job	v4admin	v4admin	Completed	2015-11-24 20:00:38.489	Detail		

Click the **Details** link, we may see the detailed info:

Run Details

Extended Job Run Details

Job Name	upgrade-rerun-rbp-benefits-admin		
Job Type	Company Schema Upgrade Job		
Server Address	Job Server (Worker Id:pall00652210a-1495498984551-RunInMem Model)		
JIRA Supports	Please file JIRA ticket with project name "Platform (PLT)" and component name "DB Upgrade" for technical supports of this job.		
Run Details	Description	Time	Status
	Job successfully completed.	2017-05-22 17:23:46.258	Completed
	companySchemaUpgradeJobTypejob just finish execution:	2017-05-22 17:23:45.858	In Progress
	Finished Executing Post-Upgrade Scripts	2017-05-22 17:23:45.454	In Progress
	Successfully Added Company Synonyms	2017-05-22 17:23:45.034	In Progress
	Successfully Added Company Views	2017-05-22 17:23:44.647	In Progress
	Executing Post-Upgrade Scripts...	2017-05-22 17:23:44.15	In Progress
	Execute File: add_permission_for_ect_benefits_admin.xml Status: S.	2017-05-22 17:23:43.722	In Progress
	Finished Executing Pre-Upgrade Scripts	2017-05-22 17:23:43.202	In Progress
	Successfully Dropped Company Synonyms	2017-05-22 17:23:42.69	In Progress
	Successfully Dropped Company Views	2017-05-22 17:23:42.17	In Progress
	Executing Pre-Upgrade Scripts...	2017-05-22 17:23:41.702	In Progress
	Upgrade for Oracle company	2017-05-22 17:23:41.242	In Progress
	Executing the Upgrade Process ...	2017-05-22 17:23:30.826	In Progress
	There is total 1 upgrade entries are loaded.	2017-05-22 17:23:30.43	In Progress
	Need to schedule Company Data Migration Job after this one finished successfully.	2017-05-22 17:23:29.966	In Progress
	Need to schedule Company Upgrade Audit Schema Job after this one finished successfully.	2017-05-22 17:23:29.574	In Progress
	Rerun Option: [add_permission_for_ect_benefits_admin.xml]	2017-05-22 17:23:29.135	In Progress
	Run on build:trunk-SNAPSHOT	2017-05-22 17:23:28.727	In Progress
	companySchemaUpgradeJobTypejob is initialized	2017-05-22 17:23:28.21	In Progress
	2017-05-22 17:23:27.893	Started	

Refresh Save & Close Cancel

Appendix

- The same upgrade job can be executed **multiple times safely**. So we can rerun it again in case of any error happens.