# How to Re-run a Missing Upgrade

This pages how to re-run a missing upgrade.

## 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**

# Step 2. Create New Job

In the **Manage Scheduled Jobs**,

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



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**

## 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**

# 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**.



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

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. |

| | 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 |
| Run Details | 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.