



# Next Generation **SAP Business Scenario Recommendations** **How-To-Guide**

Instructions to extract all necessary information and request a SAP Business Scenario Recommendations for SAP S/4HANA report

# Context

This step by step guide describes what needs to be done to request the **SAP Business Scenario Recommendations report for SAP S/4HANA (next generation)**.

The report will provide tailor-made recommendations based on data extracted from your SAP ERP system. It will help business decision makers in your company understand the value of moving the current SAP ERP to SAP S/4HANA.

The screenshot shows the 'Overview' page of the 'Next-Generation SAP Business Scenario Recommendations' report. The navigation bar includes 'OVERVIEW', 'EXECUTIVE SUMMARY', 'FINANCE', 'SOURCING AND PROCUREMENT', 'SALES', 'SUPPLY CHAIN', 'MANUFACTURING', and 'NEXT STEPS'. The main content area is titled 'Lines of Business' and features six cards for different business areas: Finance, Sourcing & Procurement, Sales, Supply Chain, and Manufacturing. Each card displays the number of recommended business scenarios and a usage indicator (High, Medium, or Low usage).

Line of Business	Recommended Business Scenarios	Usage
Finance	39	High usage
Sourcing & Procurement	18	Medium usage
Sales	27	Medium usage
Supply Chain	12	Low usage
Manufacturing	27	Medium usage

The screenshot shows the 'Details' page for the 'Manufacturing' business scenario. The navigation bar includes 'INTRODUCTION', 'FINDINGS', 'INNOVATION RECOMMENDATIONS', and 'NEXT STEPS'. The main content area is titled 'Manufacturing: Your Current Process Performance in SAP ERP System "P01":'. It features a process flow diagram with five stages: Production planning, Production order creation, Production order release, Production order confirmation, and Production order delivery. The diagram includes value drivers and how SAP helps to improve performance.

Value Driver	Production planning	Production order creation	Production order release	Production order confirmation	Production order delivery
Accelerate Manufacturing Cycle Times			4 Production orders automatically released. x	3 days Lead time, Order release to confirmation. x	5 days Lead time, Order release to delivery. x
Reduce Total Manufacturing Costs	1,615 Planned but not converted in time. x	80% Production orders automatically created. x	79% Lead time, Order creation to release. x	3,714 Failed goods movements during production order confirmation. x	39 Queue production orders assigned to sales. x

How SAP helps:

- Material Requirements Planning
- Demand Drives Replenishment
- Constraint Based Production Planning
- Production Control
- Production Execution

# Check Pre-requisites

**Before you start, ensure that you fulfil the following prerequisites:**

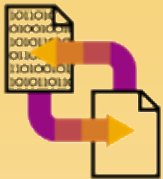
- The analysis is run **only for productive SAP ERP 6.0 systems** (incl. all EHP versions).  
**A system copy of the productive system shall not be used**, as not all logs files are available there.
- **ST-A/PI version 01S** or higher shall be installed on your ERP system
- **Add authorization object SM\_BPM\_DET** (with the Characteristic of 'OBJECT\_MS') and **S\_DEVELOP** to the user who is executing the report
- The five line of businesses **included** in the analysis are:  
Finance, Sourcing and Procurement, Sales, Supply Chain and Manufacturing
- Human Resources line of business and related processes are not part of the analysis.

**Questions?** Please send an e-mail to: [s4hana.adoption.starter@sap.com](mailto:s4hana.adoption.starter@sap.com)

# SAP Business Scenario Recommendations (next generation)

## Request Process Overview

### 1 Extract data



- Implement SAP Notes [2745851](#) and [2758146](#) in your productive SAP ERP system
- Run data extraction report and download ZIP file

### 2 Initiate your request



- Initiate your request – go to: <https://msmproda7afccce3.hana.ondemand.com/Request/BSA/>
- Fill in the form, upload the extracted ZIP file and submit your request

### 3 Confirm your request



- After submitting your request you will receive an e-mail to confirm your e-mail address
- SAP will start to generate the report after your confirmation

### 4 SAP will send you the results report



- SAP will send you the results report via e-mail

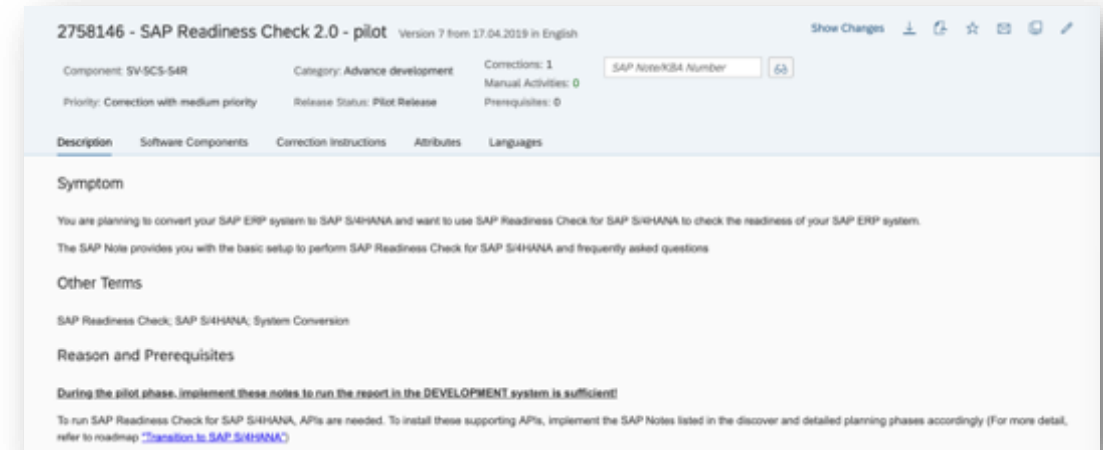
# STEP 1: Implement SAP Notes

## Implement two SAP Notes in your productive SAP ERP system using the note assistant (SNOTE):

- [SAP Note 2758146](#): This note contains the overall framework for data collection
- [SAP Note 2745851](#): This note contains the functionality needed to extract the business process performance metrics

Please be sure to always implement the **latest available versions** of the two notes.

These notes are also used for SAP Readiness Check, but the extraction program and the generated files are different. **Please carefully follow all steps described in this guide and ensure to use the right extraction program.**



**2758146 - SAP Readiness Check 2.0 - pilot** Version 7 from 17.04.2019 in English

Component: SV-SCS-S4R Category: Advance development Corrections: 1 Manual Activities: 0 Prerequisites: 0

Priority: Correction with medium priority Release Status: Pilot Release

**Description** Software Components Correction Instructions Attributes Languages

**Symptom**

You are planning to convert your SAP ERP system to SAP S/4HANA and want to use SAP Readiness Check for SAP S/4HANA to check the readiness of your SAP ERP system. The SAP Note provides you with the basic setup to perform SAP Readiness Check for SAP S/4HANA and frequently asked questions.

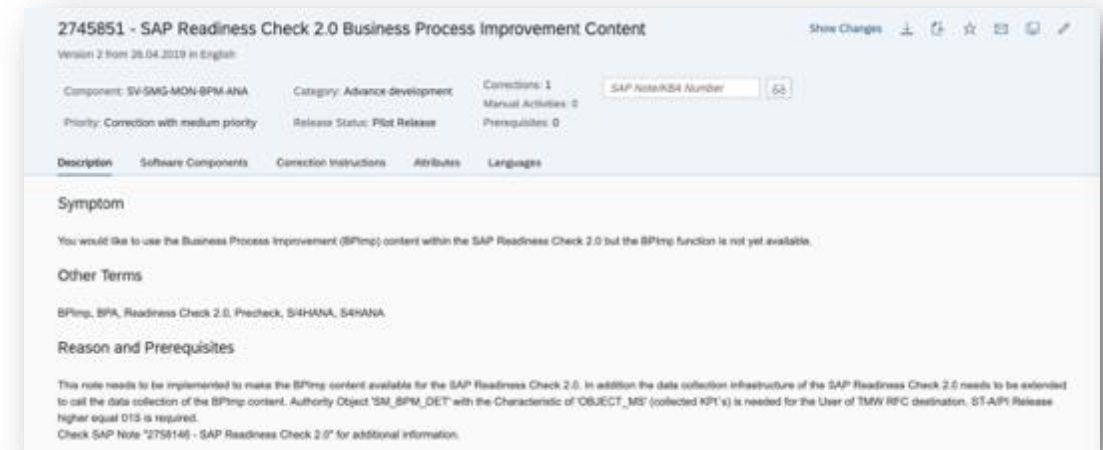
**Other Terms**

SAP Readiness Check, SAP S/4HANA, System Conversion

**Reason and Prerequisites**

During the pilot phase, implement these notes to run the report in the DEVELOPMENT system is sufficient!

To run SAP Readiness Check for SAP S/4HANA, APIs are needed. To install these supporting APIs, implement the SAP Notes listed in the discover and detailed planning phases accordingly (For more detail, refer to roadmap ["Transition to SAP S/4HANA"](#))



**2745851 - SAP Readiness Check 2.0 Business Process Improvement Content** Version 2 from 26.04.2019 in English

Component: SV-SMG-MON-BPM-ANA Category: Advance development Corrections: 1 Manual Activities: 0 Prerequisites: 0

Priority: Correction with medium priority Release Status: Pilot Release

**Description** Software Components Correction Instructions Attributes Languages

**Symptom**

You would like to use the Business Process Improvement (BPI) content within the SAP Readiness Check 2.0 but the BPIing function is not yet available.

**Other Terms**

BPIing, BPA, Readiness Check 2.0, Precheck, S/4HANA, S4HANA

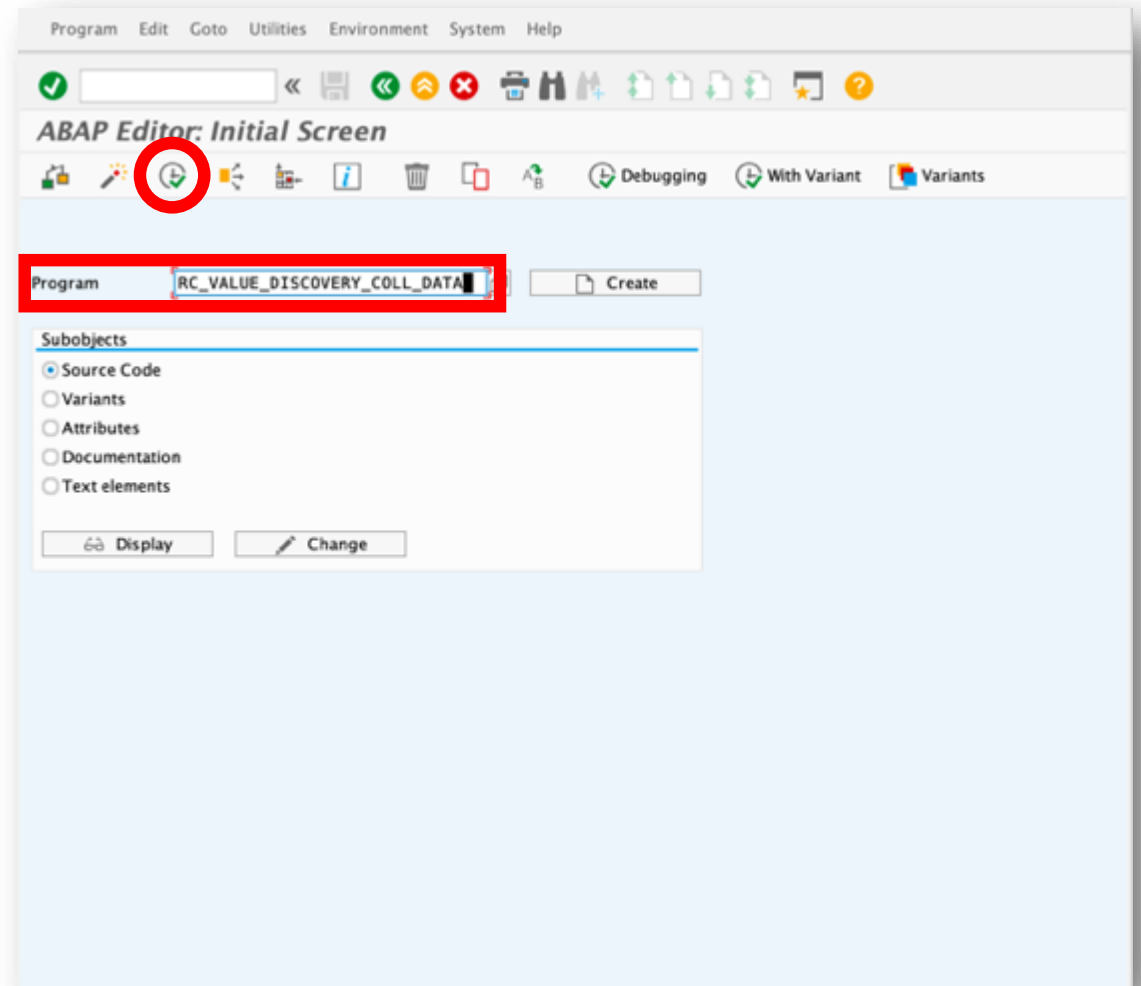
**Reason and Prerequisites**

This note needs to be implemented to make the BPIing content available for the SAP Readiness Check 2.0. In addition the data collection infrastructure of the SAP Readiness Check 2.0 needs to be extended to call the data collection of the BPIing content. Authority Object 'SM\_BPM\_DET' with the Characteristic of 'OBJECT\_MST' (collected KPI's) is needed for the User of TMW RFC destination. ST-API Release higher equal 015 is required.

Check SAP Note "2758146 - SAP Readiness Check 2.0" for additional information.

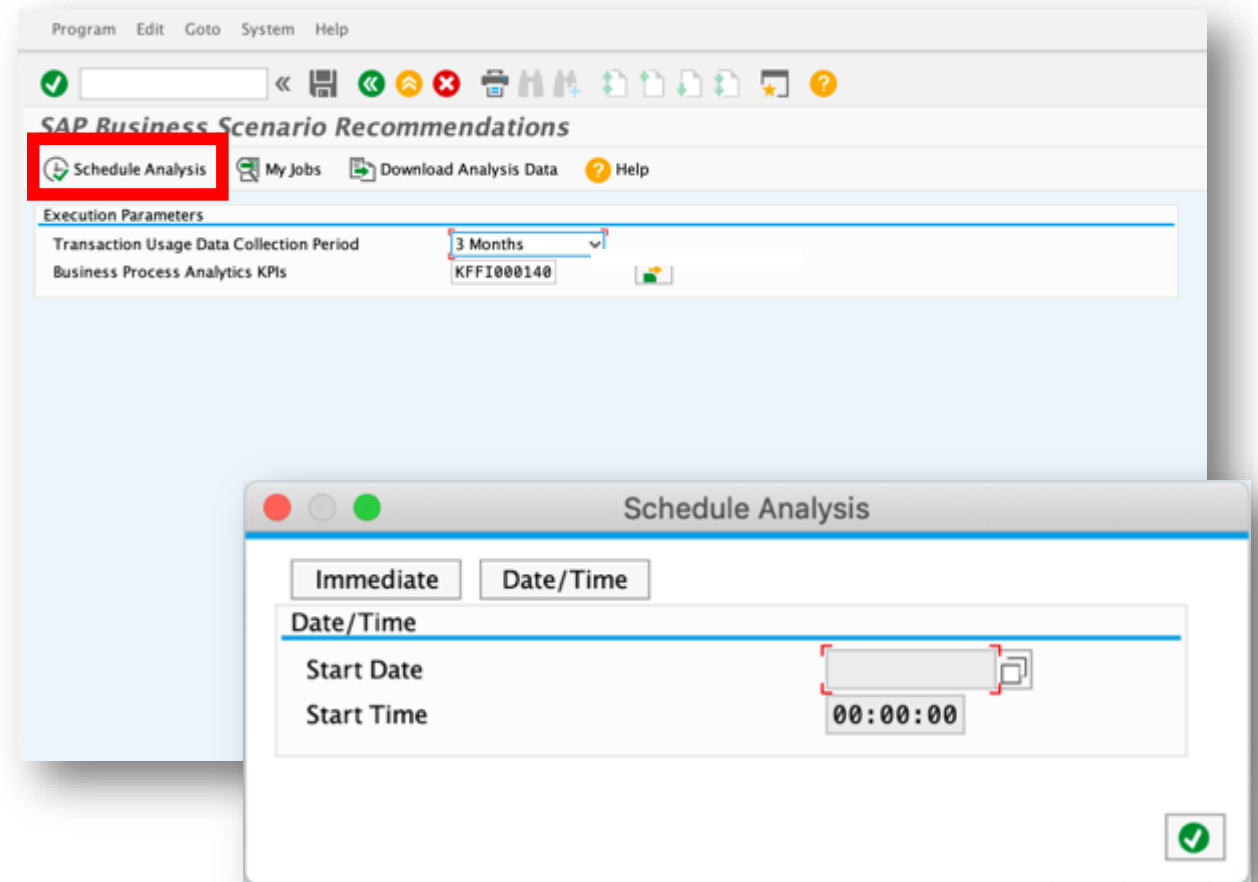
## STEP 2: Run Extraction Program in Productive SAP ERP

- Run transaction SE38 in your **productive SAP ERP** system and production client, enter the report name:  
**RC\_VALUE\_DISCOVERY\_COLL\_DATA**
- **System copy** of productive environment **shall not be used**, as not all the logs are available
- Press the Execute button (F8)
- **The user which is executing the report must have assigned authorization object SM\_BPM\_DET (with the characteristic of 'OBJECT\_MS') and S\_DEVELOP**



## STEP 3: Schedule the Job for Data Collection

- In the first field\*, you can select the time window to be used to extract the usage information. The default is set to **3 months**. In case that extraction process takes too long or that the generated file is too big, you can also reduce this period to **1 month**
- Keep the second field with the defaulted selection of KPIs
- Press the button **Schedule Analysis** and a pop-up below will appear
- You can select to execute the data collection immediately or schedule it as background job
- **We recommend to schedule the job at your best convenience**

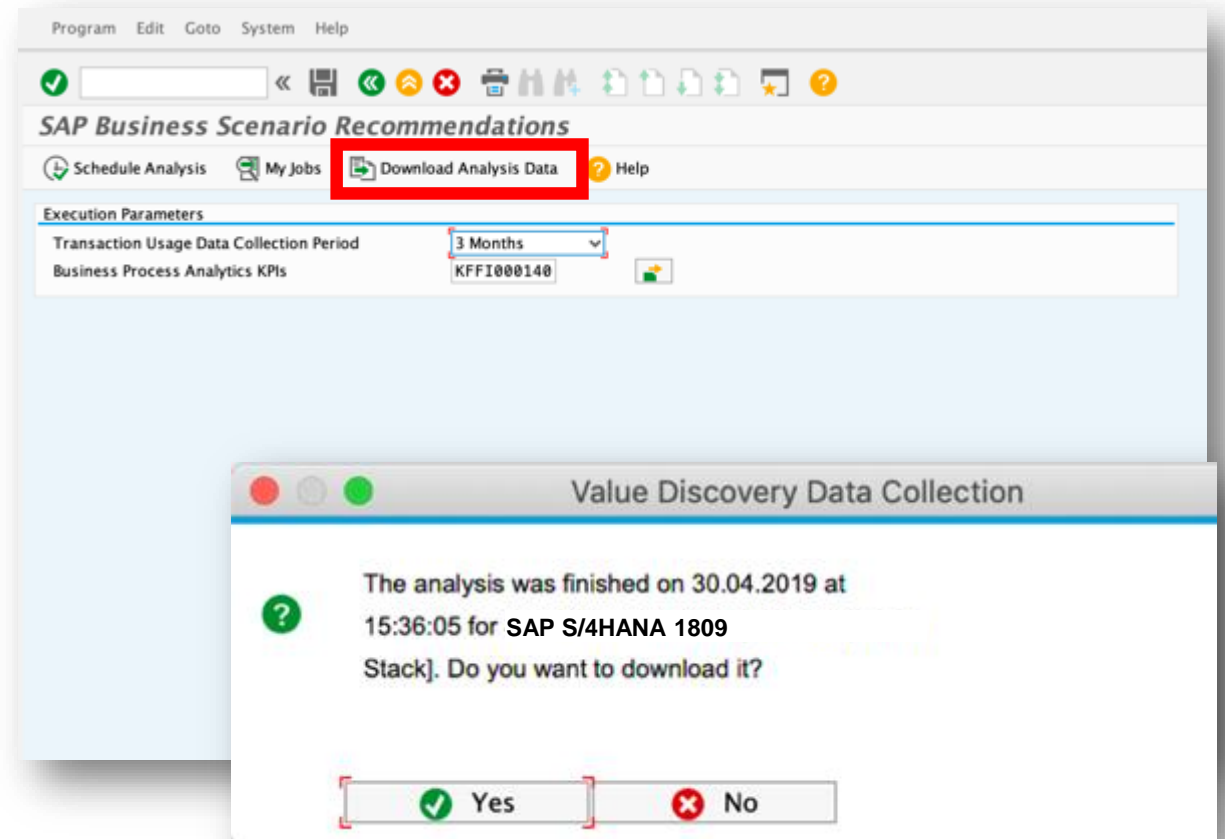


\*If the screen you see on your system looks different and you do not find the field "Transaction Usage Data Collection Period", you might need to implement a later version of note 2758146.

# 1 Extract data

## STEP 4: Download Collected Data

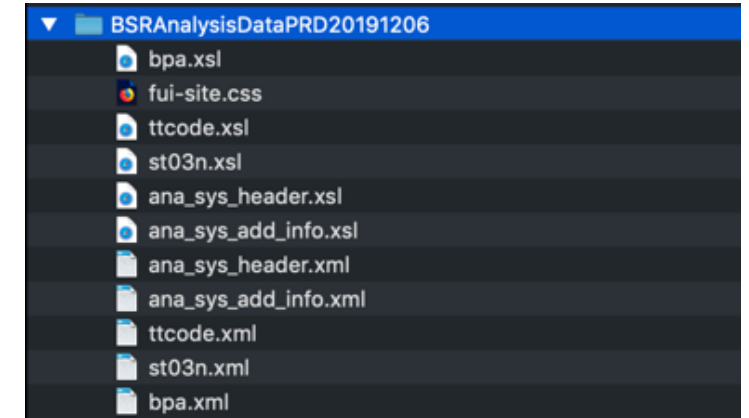
- You can review the status of your job by selecting the button **“My Jobs”** or via transaction SM37
- Once the Job has successfully completed press **“Download Analysis data”** that will show which files will be generated
- The download will always be performed for the last generated analysis, previous versions are not available
- Download the file to your local PC





## STEP 5: Review Collected Data

- Verify contents of ZIP file, which includes four or five XML files and XSL files
- Each XML file also includes a **formatting file XSL** (Extensible Stylesheet Language), which allows the review of its content in a readable format using Firefox, Microsoft Edge and Excel (The XSL does not work in Google Chrome and Apple Safari)
- XML content does not include any personal or financial data



If you have problems during the extraction process or any of the files mentioned below is empty, please create an incident under component **SV-SCS-S4R**

### Content of files included in ZIP file:



#### *Ana\_sys\_header.xml*

Contains basic information to identify the system on which the analysis has been run.



#### *St03.xml*

Contains the list of transactions and reports used on the system over the last month with some statistical information.



#### *ttcode.xml*

Contains the list of transactions with their classification and the number of users executing them.



#### *Ana\_sys\_add\_info.xml*

Additional technical information related to the system related to database, level of different solutions and software components installed.



#### *Bpa.xml*

Contains business metrics related to backlogs, percent of automation and lead time for selected business processes. It does also include additional information of the backlog time distribution and organizations contributing to the overall value.

Take note that this file is included in the ZIP file from version 35 of SAP note 2758146.

# STEP 6: Final Checks

# 1 Extract data

1. Check that the right zip file is shared, the file name should start with **BSRAnalysisData** followed by your system ID and extraction date.

→ This zip file should only contain four or five XML files and XSL files (depending on the note version). If the zip file contains more XML files it is likely that it was incorrectly created with the SAP Readiness Check report.

**Incorrect** →

- ana\_sys\_add\_info.xml
- ana\_sys\_add\_info.xsl
- ana\_sys\_header.xml
- ana\_sys\_header.xsl
- bpa.xml
- bpa.xsl
- bw\_extra.xml
- bw\_extra.xsl
- dvm.xml
- dvm.xsl
- fui-site.css
- hana\_sizing.xml
- hana\_sizing.xsl
- interface.xml
- interface.xsl
- sitem\_consistency.xml
- sitem\_consistency.xsl
- sitem\_relevance.xml
- sitem\_relevance.xsl
- transaction\_usage.xml
- transaction\_usage.xsl

**Correct** →

- ana\_sys\_add\_info.xml
- ana\_sys\_add\_info.xsl
- ana\_sys\_header.xml
- ana\_sys\_header.xsl
- bpa.xml
- bpa.xsl
- st03n.xml
- st03n.xsl

From version 35 of SAP note 2758146:

**Correct** →

- ana\_sys\_add\_info.xml
- ana\_sys\_add\_info.xsl
- ana\_sys\_header.xml
- ana\_sys\_header.xsl
- bpa.xml
- bpa.xsl
- st03n.xml
- st03n.xsl
- ttcode.xml
- ttcode.xsl

2. Check that all XML files contain data, especially bpa.xml and st03.xml

→ If one of the files is empty, ensure that the latest versions of the SAP Notes are applied to your SAP ERP system and data was collected in your productive system (see [step 1](#)).

**SAP Readiness Check - Usage Data**

Here is the usage data from t-code ST03N

Start Date for the collected month

Entity Name	Entity Type	Name of Base
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**BPA Data**

This file contains business process metrics collected from the ERP system. The metrics cover some of the...

**Analysis Information**

Analysis started at: 20190611171600  
Analyzed Week: 201923  
Monday of Analyzed Week: 2019-06-03  
Sunday of Analyzed Week: 2019-06-09

**Key Figure Information**

In this section you can find the definition of the business metrics that can be extracted. The KPI ID can also...

Key figure Id	Key figure Text
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**Key Figure** Invalid

In this section you can find the values measured on selected ERP system.

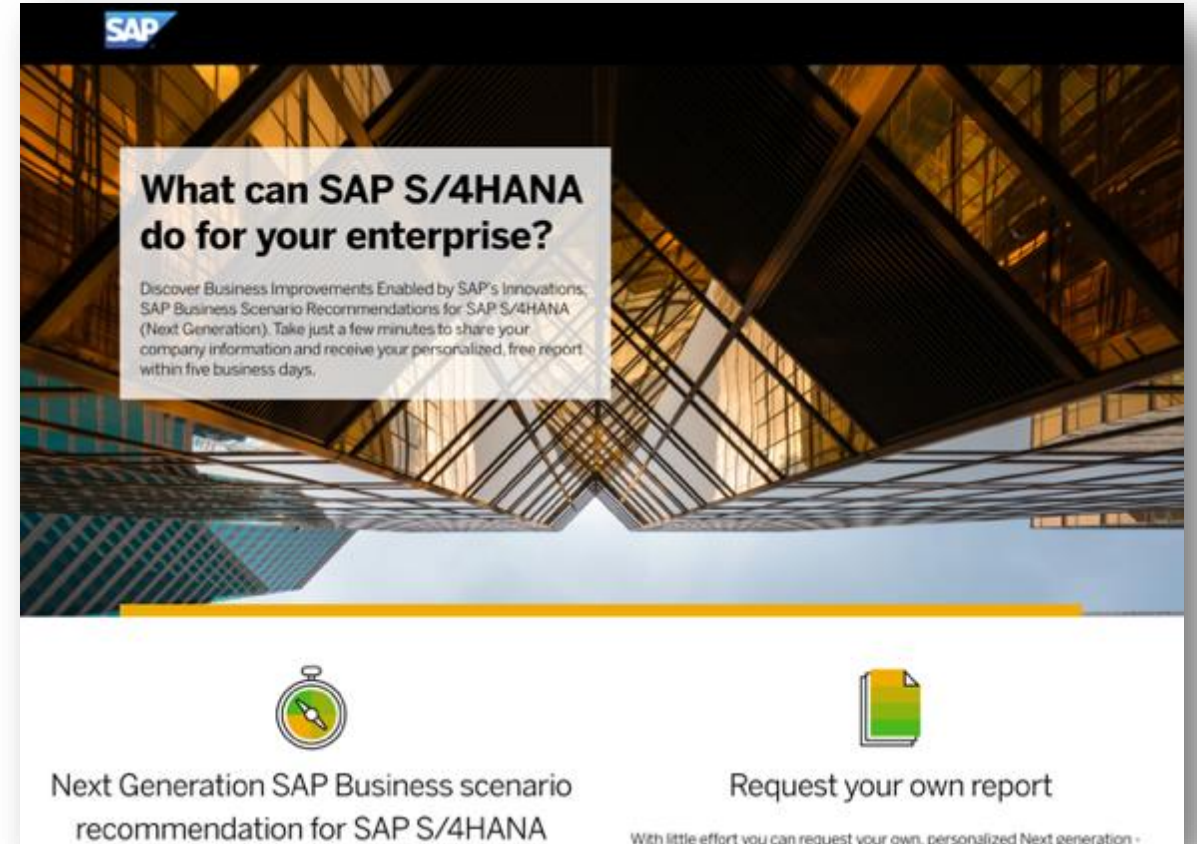
Key figure Id	Key figure Text
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If you have questions please reach out to us via: [s4hana@sap.com](mailto:s4hana@sap.com)

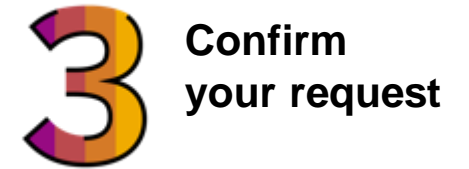
# Enter your Request and Upload the ZIP File



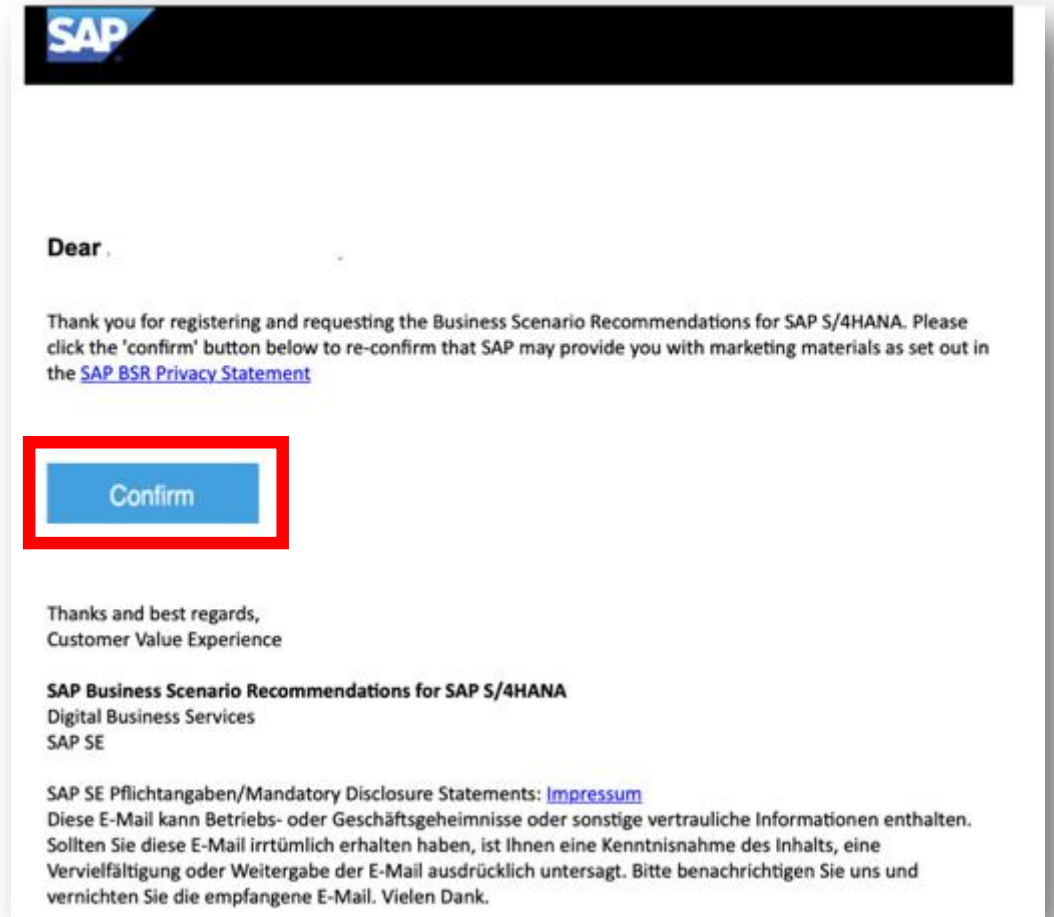
- After the file is extracted, you can request the **SAP Business Scenario Recommendations report (next generation)** via:  
<https://msmproda7afccce3.hana.ondemand.com/Request/BSA/>
- Fill out the form and upload the **original ZIP file** you have extracted in previous steps (**please do not change the content of any file**)
- Once done press the 'Submit' button



# Confirm your Request



- After you submit the request, you will receive a confirmation e-mail
- Press “Confirm” to complete the request process



# Results Report

- SAP will send you the results report via email
- It will take approximately 5-10 business days to receive the results report
- Questions?  
Please contact us at:  
[s4hana.adoption.starter@sap.com](mailto:s4hana.adoption.starter@sap.com)



SAP will send you the results report



# Thank you.

Questions and Feedback:

[s4hana.adoption.starter@sap.com](mailto:s4hana.adoption.starter@sap.com)

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