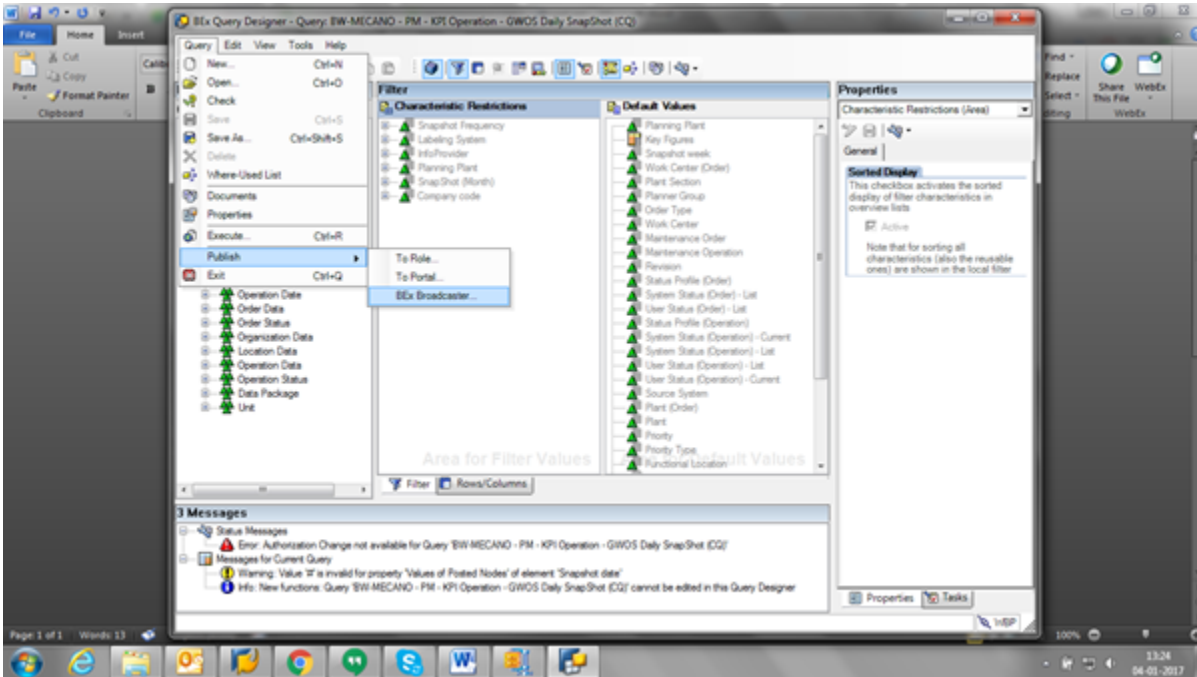


How to create a Broadcast via PC

1) Create Broadcasting settings as below.

Open Query in Query Designer->Publish->Bex Broadcasting



After selecting the BEx Broadcaster you will be navigated to the below screen, Give your login credentials and click on **Logon** Pushbutton.



After that you will get the following screen and then click on **Create New Setting**

Settings for Object Type Query Open | Overview of Scheduled Settings

Settings Query BW - Working Capital detailed Payables (Core Query) (BW_QRY_MVFIWC01_0011)				
Description	Technical Name	Owner	Last Changed	Scheduled
Broadcast on every Wednesday	WEDNESDAY	BW_BCAST	08.11.2016 08:01:29	Yes

Create New Setting Create New Setting with the Wizard

After clicking on Create New setting push button, we will get the below screen to maintain setting details. Go through each tab and maintain relevant details for the setting and save the setting with **Technical name**

Important entries:

- Technical name
- Output Format
- As ZIP file (Check box)
- Email Addresses
- Subject

Setting New setting

Description

Distribution Type Broadcast E-mail Output Format XML (MS Excel) As ZIP File

Recipient(s) Texts General Precalculation Filter Navigation

User

User in Role

E-Mail Addresses

Authorization User

Language English

User-specific

Save Save as... Check Schedule Execute Close

Setting Broadcast on every Wednesday

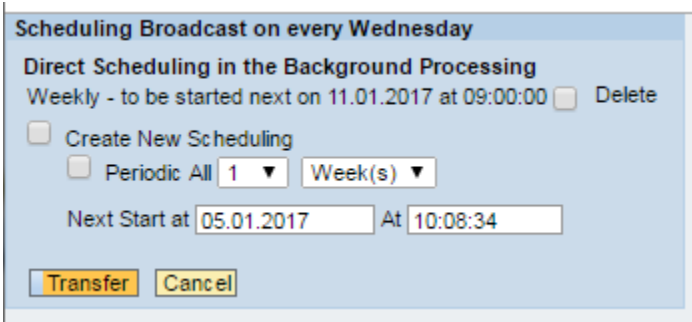
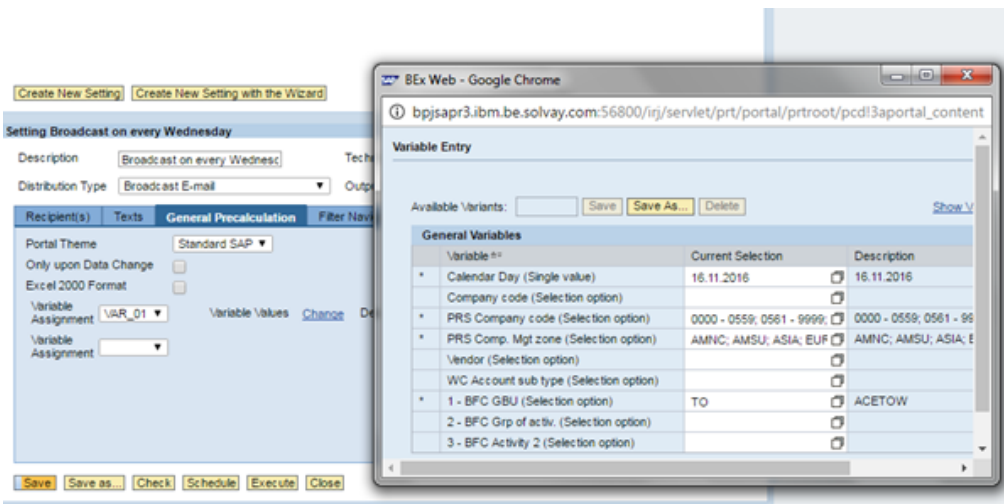
Description Technical Name

Distribution Type Broadcast E-mail Output Format XML (MS Excel) As ZIP File

Recipient(s) Texts General Precalculation Filter Navigation

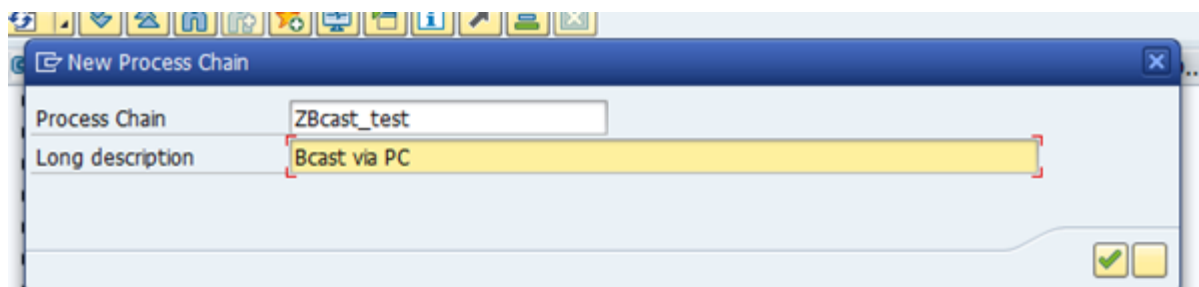
Subject Importance Medium

Contents

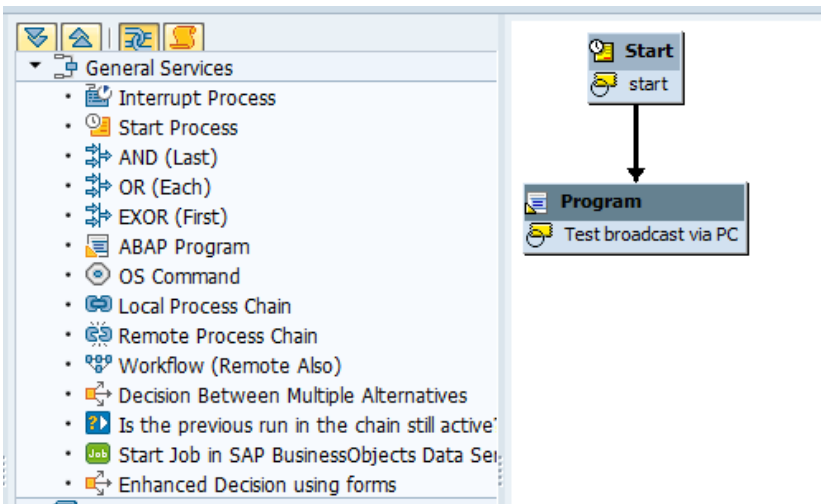


2) Include broadcasting setting in the Process chain as below:

T-code RSPC ->Create-> Start process



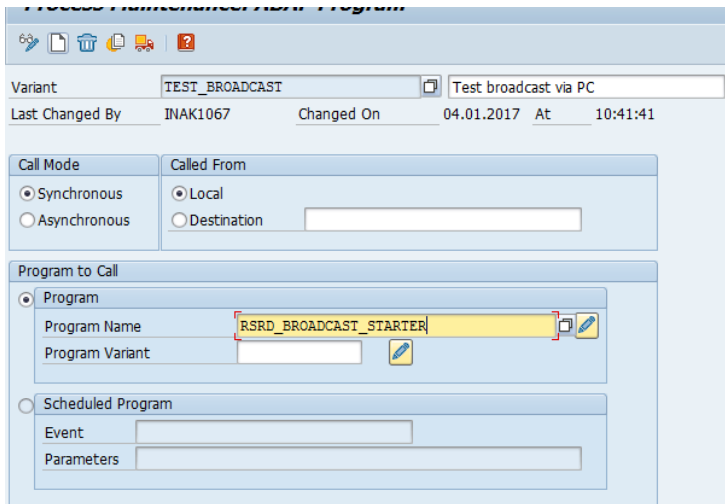
After Start Process->Select ABAP Program



After that you will get the below screen.

Enter Program name as **RSRD_BROADCAST_STARTER**

Then Click on Pencil next to “**Program Variant**” Box. It will take you to the next screen to create variant.



Enter **Variant name** (e.g. ZTEST_BCAST) and click Create button.

It will take you to the below screen. Enter your Broadcasting settings **Technical name** (e.g.WEDNESDAY) and click “**Attributes**”

Variant Attributes

Report is only called indirectly
 Test run: Only fill one of the three blocks

Execution of a Specific Setting

Technical Name of Setting

Settings Registered to a Predefined Time

ID of the Predefined Time

Settings Registered to on Data Change

Techn. Name of InfoProvider

Execute Online

Enter **Description** of Variant and save it.

Variant Name

Description

Only for Background Processing
 Protect Variant
 Only Display in Catalog
 System Variant (Automatic Transport)

Screen Assignment

Created	Selection Scrms
<input checked="" type="checkbox"/>	1000

Technical name

Objects for selection screen

Selection Scrms	Field name	Type	Protect field	Hide field	Hide field 'BIS'	Save field without values	Switch GPA off	Required field
1.000	Technical Name of Setting	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.000	ID of the Predefined Time	S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.000	Techn. Name of InfoProvider	S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.000	Execute Online	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.000	P_LOGHND	P	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Save the process

Variant	TEST_BROADCAST	Test broadcast via PC		
Last Changed By	INAK1067	Changed On	04.01.2017	At 10:45:22
Call Mode		Called From		
<input checked="" type="radio"/> Synchronous <input type="radio"/> Asynchronous		<input checked="" type="radio"/> Local <input type="radio"/> Destination <input type="text"/>		
Program to Call				
<input checked="" type="radio"/> Program				
Program Name		RSRD_BROADCAST_STARTER		
Program Variant		ZTEST_BCAST		
<input type="radio"/> Scheduled Program				
Event		<input type="text"/>		
Parameters		<input type="text"/>		

Activate the process chain.



3) Include multiple Broadcasting settings in the Process chain as below:

Create another process using "ABAP Program"

Enter same Program name **RSRD_BROADCAST_STARTER**

Create new Program **Variant** (e.g. Wednesday)

Variant	TEST_BROADCAST_2		test Broadcast 2
Last Changed By	INAK1067	Changed On	06.01.2017 At 05:30:05

Call Mode	Called From
<input checked="" type="radio"/> Synchronous <input type="radio"/> Asynchronous	<input checked="" type="radio"/> Local <input type="radio"/> Destination <input type="text"/>

Program to Call							
<input checked="" type="radio"/> Program	<table border="1"> <tr> <td>Program Name</td> <td>RSRD_BROADCAST_STARTER</td> <td></td> </tr> <tr> <td>Program Variant</td> <td>ZTEST_BCAST2</td> <td></td> </tr> </table>	Program Name	RSRD_BROADCAST_STARTER		Program Variant	ZTEST_BCAST2	
Program Name	RSRD_BROADCAST_STARTER						
Program Variant	ZTEST_BCAST2						
<input type="radio"/> Scheduled Program	<table border="1"> <tr> <td>Event</td> <td><input type="text"/></td> </tr> <tr> <td>Parameters</td> <td><input type="text"/></td> </tr> </table>	Event	<input type="text"/>	Parameters	<input type="text"/>		
Event	<input type="text"/>						
Parameters	<input type="text"/>						

Use another **Broadcasting setting** for this new Variant.

Save Variant with **Description**.

Save the new ABAP Process.

Exit Variants: Variant ZTEST_BCAST2

Attributes

Report is only called indirectly
 Test run: Only fill one of the three blocks

Execution of a Specific Setting	
Technical Name of Setting	WEDNESDAY_2

Settings Registered to a Predefined Time	
ID of the Predefined Time	<input type="text"/>

Settings Registered to on Data Change	
Techn. Name of InfoProvider	<input type="text"/>

Execute Online

Please note: "ABAP Program" processes scheduled to run one after another in the process chain run very quickly and schedule broadcasting jobs on Precalculation server in parallel. If Precalculation Server is not robust enough, then all these jobs will cause bottleneck on the server and Server will stop working.

To avoid this situation analyse the processing time of each Bex report included in the broadcasting process chain. if the process is taking 60Sec to complete then we need to put 60 Sec **time delay** on the subsequent process . If any report is taking more time then put that time as a time delay for the subsequent process so that next process will not start while the previous one is still running.

Right click on the process->Select Debug Loop..

Enter **60** in the next window.

The screenshot displays the SAP process chain configuration interface. On the left, a tree view under 'General Services' lists various process types, with 'ABAP Program' selected. The main workspace shows a process chain diagram with three steps: 'Start' (start), 'Program' (Test broadcast via PC), and 'Program' (test Broadcast 2). A 'Waiting Time for the Execution of the P...' dialog box is open, showing a text input field with the value '60' entered, indicating a 60-second delay between the two program steps.

Activate the chain and schedule.