

How to Control BW Broadcasts

Broadcast are used daily to send BW queries/workbooks to users.

The aim of this document is to give the processus to ensure that Broadcasts are correctly updated and sent.

- [When to check broadcasts](#)
- [Check Broadcasts still running after 1 hour](#)
- [Check Broadcasts not updated successfully](#)
- [Check Broadcasts not sent successfully](#)
- [Restart a broadcast in error](#)

When to check broadcasts

If possible, check the broadcasts 3 times a day.

- 6:00 AM
- 2:00 PM
- 6:00 PM

(Given schedule is on Paris Time)

Check Broadcasts still running after 1 hour

Most broadcasts are executed within ten minutes.

It may happen that a broadcast fails and runs endlessly. We usually kill them manually after an hour.

1. Go to transaction SM37

2. Execute the transaction with the following settings:

Job Name = *

User Name = ALEBW

Job Status = Active

Simple Job Selection

Execute
 Extended Job Selection
 Information

Job name

User name

Job status

Sched.
 Released
 Ready
 Active
 Finished
 Canceled

Job start condition

From To
 From To
 or after event:

Job step

ABAP program name:

3. Look for jobs which have a duration > 3600s

Those JobNames should start with "BIBCAST..."

Job Overview

Refresh
 Release
 Stop
 Spool
 Job log
 Step
 Application servers

Job overview from: 26.07.2016 at: : :
 to: 26.07.2016 at: : :

Selected job names: *
 Selected user names: *

Scheduled
 Released
 Ready
 Active
 Finished
 Canceled

Event controlled Event ID: _____
 ABAP program Program name : _____

JobName	Spool	Job doc	Job CreatedB	Status	Start date	Start time	Duration(sec.)	Delay (sec.)
BIBCAST5608Y979HT0025FXV5ZBVPXRZ			ALEBW	Active	26.07.2016	14:05:09	786	0
*Summary							786	0

4. Identify which broadcast is concerned

Double clic on the Active Job to display its properties.

Display Job BIBCAST56MMVZK71XQOPWZNI6CR559VJ

Start condition
 Step
 Job details
 Job log
 Predecessor job
 Successor job(s)
 Own jobs

General data	
Job name	BIBCAST56MMVZK71XQOPWZNI6CR559VJ
Job class	C
Status	Canceled
Exec. Target	wbpsapr3_WBP_00
<input type="button" value="Spool list recipient"/>	

Job start	Job frequency						
<table border="1"> <thead> <tr> <th colspan="2">Planned Start</th> </tr> </thead> <tbody> <tr> <td>Date</td> <td>25.07.2016</td> </tr> <tr> <td>Time</td> <td>04:12:13</td> </tr> </tbody> </table>	Planned Start		Date	25.07.2016	Time	04:12:13	
Planned Start							
Date	25.07.2016						
Time	04:12:13						

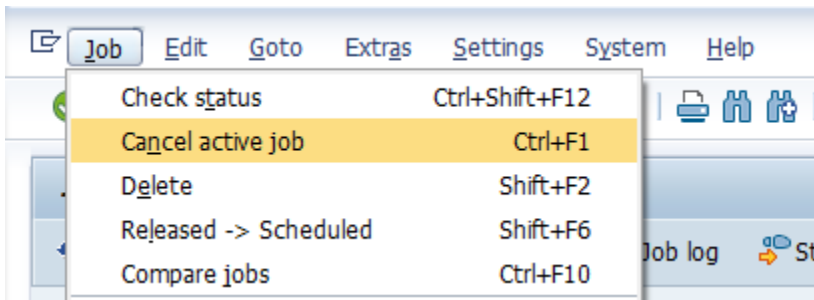
Job steps
1 Step(s) successfully defined

Click on "Job Log" to display the logs. Find the name of the broadcast and the name of the workbook/query broadcasted.

Job Log Entries for BIBCAST56MMVZK71XQOPWZNI6CR559VJ / 04121200					
Previous Page Next page					
Job log overview for job: BIBCAST56MMVZK71XQOPWZNI6CR559VJ / 04121200					
Date	Time	Message text	Message class	Message no.	Message type
25.07.2016	04:12:13	Job started	00	516	S
25.07.2016	04:12:13	Step 001 started (program RSBATCH_EXECUTE_PROZESS, variant s0000012010074, user ID BW_BCAST)	00	550	S
25.07.2016	04:12:13	Processing started for batch ID BCAS56MMVZK71XQOPWZNI6CR559VJ process 1	RSBATCH	073	S
25.07.2016	04:12:13	Precalculation server 'BWAP11_4' identified as free (1 attempt)	RSRPREC	706	S
25.07.2016	04:12:13	Load workbook 4OEG1ZXSNNM712522YW9W0EEXO	RSRPREC	506	S
25.07.2016	04:12:13	Precalculation server queue updated: Server BWAP11_4 setting BIPREC96FB72441F905795757D1CCA00	RSRPREC	720	S
25.07.2016	04:12:13	Start precalculation on precalculation server 'PREC_BWAP11_4' for setting 'BCST_AROPERF_0007'	RSRPREC	702	S
25.07.2016	04:13:34	SAP Gui 720 Connection Mode	RSRPREC	723	S
25.07.2016	04:13:34	Connection passed	RSRPREC	002	S
25.07.2016	04:13:34	Start precalculation against RFC server BWAP11_4	RSRPREC	508	S
25.07.2016	04:13:34	Step 2 in precalculation on precalc. server 'PREC_BWAP11_4' for setting 'BCST_AROPERF_0007'	RSRPREC	703	S
25.07.2016	18:03:21	Job also cancelled due to process termination. See the system log	00	554	A

4. Kill these broadcasts

Select the JobName, Click on "Job" and "Cancel active Job". Validate.



The cancelled job is now visible if you do a search on SM37 with "Job Status" = Cancelled.

Job Overview

Refresh Release Stop Spool Job log Step Application servers

Job overview from: 25.07.2016 at: : :
to: 25.07.2016 at: : :

Selected job names: *
Selected user names: ALEBW

Scheduled Released Ready Active Finished Canceled
 Event controlled Event ID:
 ABAP program Program name :

JobName	Spool	Job doc	Job CreatedB	Status	Start date	Start time	Duration(sec.)	Delay (sec.)
<input type="checkbox"/> BIBCAST56MMVZK71XQOPWZNI6CR559VJ			ALEBW	Canceled	25.07.2016	04:12:13	49 868	0
<input type="checkbox"/> BIBCAST56NVGHNYFTTXR0BD202ZD81FJ			ALEBW	Canceled	25.07.2016	04:12:09	49 865	0
<input type="checkbox"/> BIDTPR_4877091_1			ALEBW	Canceled	25.07.2016	00:53:43	588	0
<input type="checkbox"/> BIDTPR_4877093_1			ALEBW	Canceled	25.07.2016	00:54:22	542	0
*Summary							100 863	0

Check Broadcasts not updated successfully

1. Go to transaction RSA1

2. Go to Administration / Broadcasting / Log Display

Do not select User Name.

Broadcasting: Log Display

Selection of Log Entries

Date: 26.07.2016 to 26.07.2016

User Name: to

Subobject:

Log number:

3. Identify broadcasts in error

Find the name of the broadcast.

The screenshot shows the 'Display logs' window with a table of broadcast logs. The error message is highlighted in yellow.

Overview					Nu...
▶	21.05.2016	20:07:56	ALEBW	00000000000016883683	3
▶	21.05.2016	20:07:58	ALEBW	00000000000016883684	3
▼	21.05.2016	20:07:59	ALEBW	00000000000016883685	2
▼	Start Broadcaster using report RSRD_BROADCAST_STARTER				2
•	Broadcast setting TEXTIL_AUXILIARES13 does not exist in an active version				1
▶	21.05.2016	20:08:00	ALEBW	00000000000016883686	3

Check Broadcasts not sent successfully

Once the broadcast is executed by BW, it's sent to the Mail Server.

You should check that these broadcasts are correctly sent.

Please note that broadcast transmission is not immediate: Mails are sent to the Mail Server every 10 minutes.

1. Open transaction SOST

2. Select the expected perimeter

The screenshot shows the 'SAPconnect: Send Requests from 26.07.2016 to 26.07.2016' transaction. The search criteria are as follows:

Period	Send Status	Sender	Options	Attribs.
Send date	26.07.2016	to	26.07.2016	
Sent at	00:00:00	to	00:00:00	
Maximum No. of Hits	500 000			

Refresh

3. Check the message status

- 73 : the broadcast has been sent successfully (green light)
- 672 : the broadcast is waiting to be sent to the mail server. Please check within 10 minutes (orange light)
- Other status : the broadcast is in error. You may need to restart it. (red light)

Status	Send Met...	Doc. Title	Sender	Recipient	Send Date	Send Time	Msg
●	via Remot...	Têxtil - Jumbo 2016	IS Teams	WBP:400:BW_BCAST	26.07.2016	08:21:05	826
●	via Remot...	Têxtil - Texturização 2016	IS Teams	WBP:400:BW_BCAST	26.07.2016	08:19:13	826
■	via Internet	Têxtil - Texturização 2016	IS Teams	hugo.kitagawa@solvay.com	26.07.2016	08:19:13	73
■	via Internet	Têxtil - Texturização 2016	IS Teams	bruno.sequi-intern@solvay.com	26.07.2016	08:19:13	73
■	via Internet	Têxtil - Texturização 2016	IS Teams	edilson.assis@solvay.com	26.07.2016	08:19:13	73
■	via Internet	Têxtil - Texturização 2016	IS Teams	rose.garcia@solvay.com	26.07.2016	08:19:13	73
■	via Internet	Têxtil - Texturização 2016	IS Teams	gabriel.lino@solvay.com	26.07.2016	08:19:13	73
●	via Internet	Têxtil - CNP Custos Produtivos Têxtil ...	IS Teams	gabriel.lino@solvay.com	26.07.2016	08:18:57	850
●	via Internet	Têxtil - CNP Custos Produtivos Têxtil ...	IS Teams	bruno.sequi-intern@solvay.com	26.07.2016	08:18:57	850
●	via Internet	Têxtil - CNP Custos Produtivos Têxtil ...	IS Teams	rose.garcia@solvay.com	26.07.2016	08:18:57	850
●	via Internet	Têxtil - CNP Custos Produtivos Têxtil ...	IS Teams	edilson.assis@solvay.com	26.07.2016	08:18:57	850
●	via Internet	Têxtil - CNP Custos Produtivos Têxtil ...	IS Teams	alessandro.censi@solvay.com	26.07.2016	08:18:57	850
●	via Internet	Têxtil - CNP Custos Produtivos Têxtil ...	IS Teams	florisvaldo.saran@solvay.com	26.07.2016	08:18:57	850

Note: some broadcasts may have a "826" error message. This is not an error, broadcast is sent normally.

Restart a broadcast in error

1. Go to transaction RSA1

2. Go to Administration / Broadcasting / Settings

Do not fill "Created By".

Selection of Broadcast Settings

General Parameters

Technical Name	BCST_AROPERF_0007	to			
Description (Search String)					
Object Version	A				
Created By		to			
Last Changed by		to			
Created On		/ 00:0...	To		/ 00:0...
Last Changed On		/ 00:0...	To		/ 00:0...
Last Executed on		/ 00:0...	To		/ 00:0...

3. Select the Broadcast and clic on "Edit"

It will open the BW Web portal.

Selected Broadcast Settings

Broadcast Setting	Long Description	Obj. Type	Technical Name of Object	Dist. Tp.	Dist. Type
BCST_AROPERF_0007	OC - SO Follow-up - Aroma Performance SAMBORSKA	WB	4OEG1ZX5NMQTZ522YW9W0EFXO	MAIL	Broadcast E-m

4. Select the broadcast and execute it manually by clicking on "Execute"

Broadcaster

Settings for Object Type Workbook Open | Overview of Scheduled Settings

OC - SO Follow-up - Aroma Performance CEBALLOS	BCST_AROPERF_0003	BW_BCAST	22.10.2015 20:22:27	No
OC - SO Follow-up - Aroma Performance VAZQUEZ	BCST_AROPERF_0004	BW_BCAST	22.10.2015 20:23:56	No
OC - SO Follow-up - Aroma Performance SEKERC!	BCST_AROPERF_0005	BW_BCAST	08.12.2015 08:17:04	No
OC - SO Follow-up - Aroma Performance KOVACOVA	BCST_AROPERF_0006	BW_BCAST	22.10.2015 20:26:05	No
OC - SO Follow-up - Aroma Performance SAMBORSKA	BCST_AROPERF_0007	BW_BCAST	22.10.2015 20:27:06	No
OC - SO Follow-up - Aroma Performance SZEMERE	BCST_AROPERF_0008	BW_BCAST	22.10.2015 20:29:29	No
OC - SO Follow-up - Aroma Performance CALIN	BCST_AROPERF_0009	BW_BCAST	22.10.2015 20:30:36	No

Create New Setting Create New Setting with the Wizard

Setting OC - SO Follow-up - Aroma Performance SAMBORSKA

Description OC - SO Follow-up - Aron Technical Name BCST_AROPERF_0007

Distribution Type Broadcast E-mail Output Format MS Excel Workbook As ZIP File

Recipient(s) Texts Workbook Precalculation

User

User in Role

E-Mail Addresses marie.pereira@solvay.com

Authorization User BW_BCAST

Language English

User-specific

Save Save as... Check Schedule **Execute** Close

Note: if you need to restart all instances of a broadcast, check if the broadcast is part of a Process Chain (transaction RSA1 / Administration / Process Chains). Restarting the full Process Chain is sometimes easier than restarting manually hundreds of broadcasts.