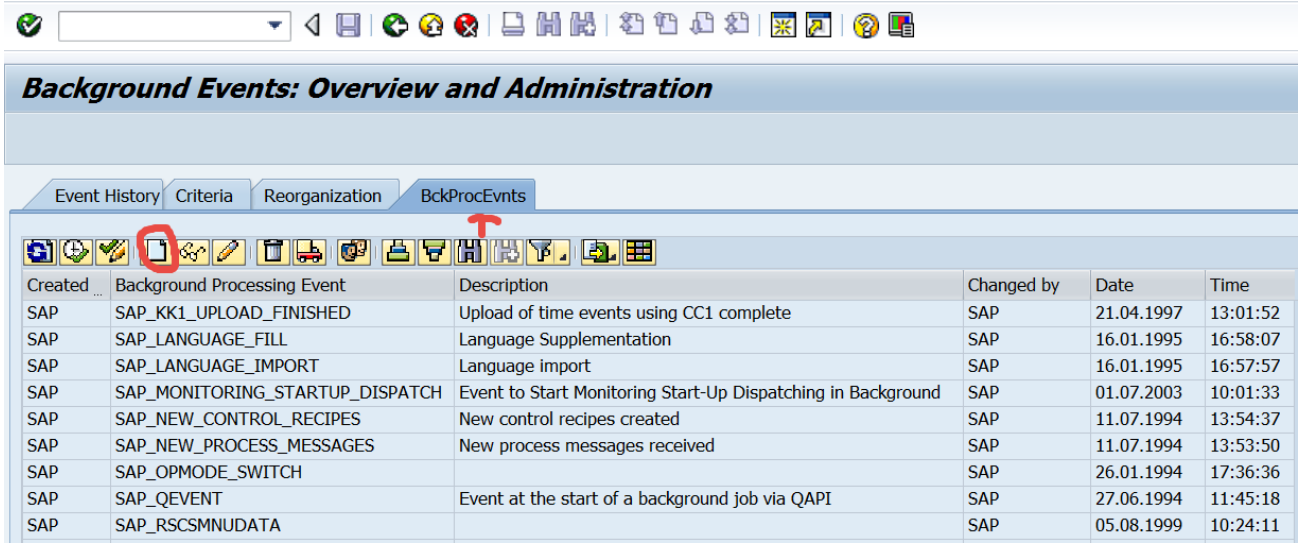
RUNNING BACKGROUND JOB BY TRIGGERING AN EVENT

November 23, 2015 Siva Prasad Leave a comment

Step1. To create an event go to Tx- SM62

Step2. Select the 4th tab and to create an event click on the Create button.



Created	Background Processing Event	Description	Changed by	Date	Time
SAP	SAP_KK1_UPLOAD_FINISHED	Upload of time events using CC1 complete	SAP	21.04.1997	13:01:52
SAP	SAP_LANGUAGE_FILL	Language Supplementation	SAP	16.01.1995	16:58:07
SAP	SAP_LANGUAGE_IMPORT	Language import	SAP	16.01.1995	16:57:57
SAP	SAP_MONITORING_STARTUP_DISPATCH	Event to Start Monitoring Start-Up Dispatching in Background	SAP	01.07.2003	10:01:33
SAP	SAP_NEW_CONTROL_RECIPES	New control recipes created	SAP	11.07.1994	13:54:37
SAP	SAP_NEW_PROCESS_MESSAGES	New process messages received	SAP	11.07.1994	13:53:50
SAP	SAP_OPMODE_SWITCH		SAP	26.01.1994	17:36:36
SAP	SAP_QEVENT	Event at the start of a background job via QAPI	SAP	27.06.1994	11:45:18
SAP	SAP_RSCSMNUDATA		SAP	05.08.1999	10:24:11

Step3. Provide the details and continue to Save.

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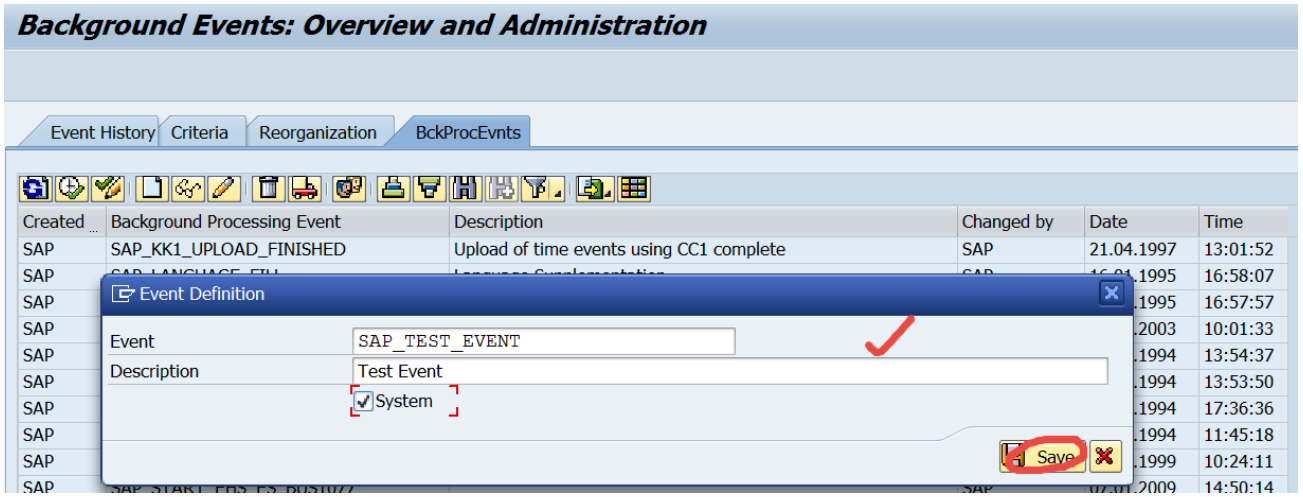
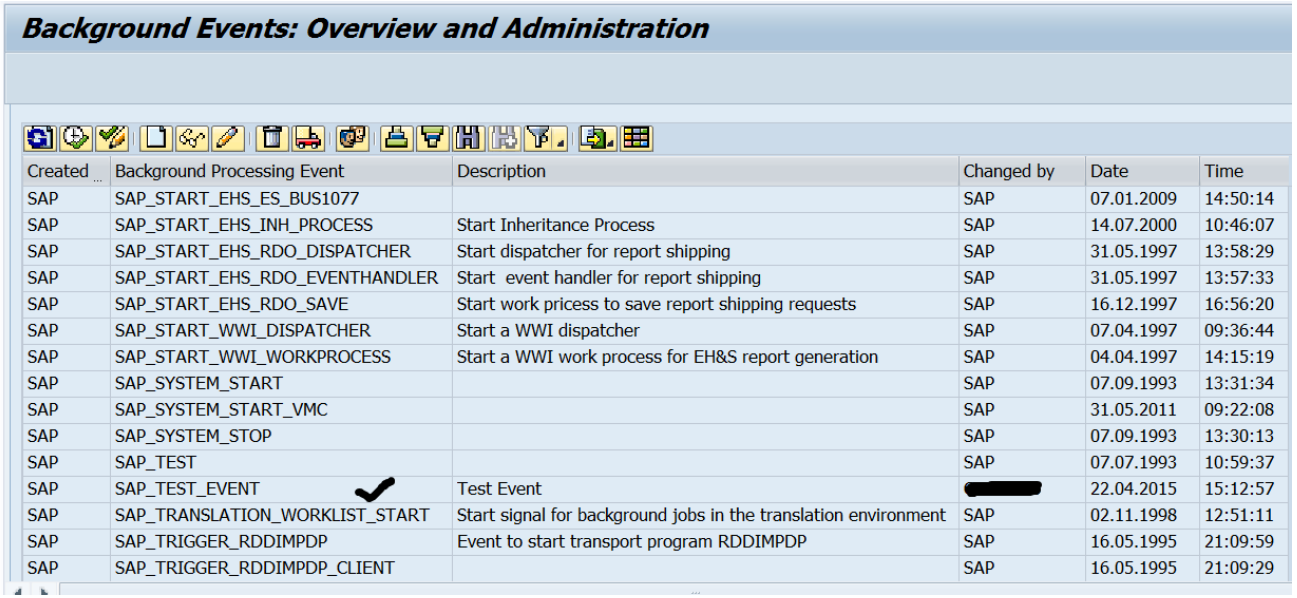


Step4. The event is successfully created.



Step5. Create a program to raise an event by calling the Function module.

- Access Control Management
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- Web Service – Service Provider
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ABAP Editor: Change Report ZRAISE_EVENT

Pattern Pretty Printer

Report ZRAISE_EVENT Active

```
1
2   REPORT  ZRAISE_EVENT.
3
4   CALL FUNCTION 'BP_EVENT_RAISE'
5     EXPORTING
6       eventid                      = 'SAP_TEST_EVENT'
7   *   EVENTPARM                    = ' '
8   *   TARGET_INSTANCE              = ' '
9   *   TARGET_MODE                  = ' '
10  * EXCEPTIONS
11  *   BAD_EVENTID                  = 1
12  *   EVENTID_DOES_NOT_EXIST       = 2
13  *   EVENTID_MISSING              = 3
14  *   RAISE_FAILED                 = 4
15  *   OTHERS                       = 5
16            .
17  IF sy-subrc = 0.
18  WRITE :/ 'Event Triggered'.
19  ENDIF.
```

Step6. Here we have a report program.

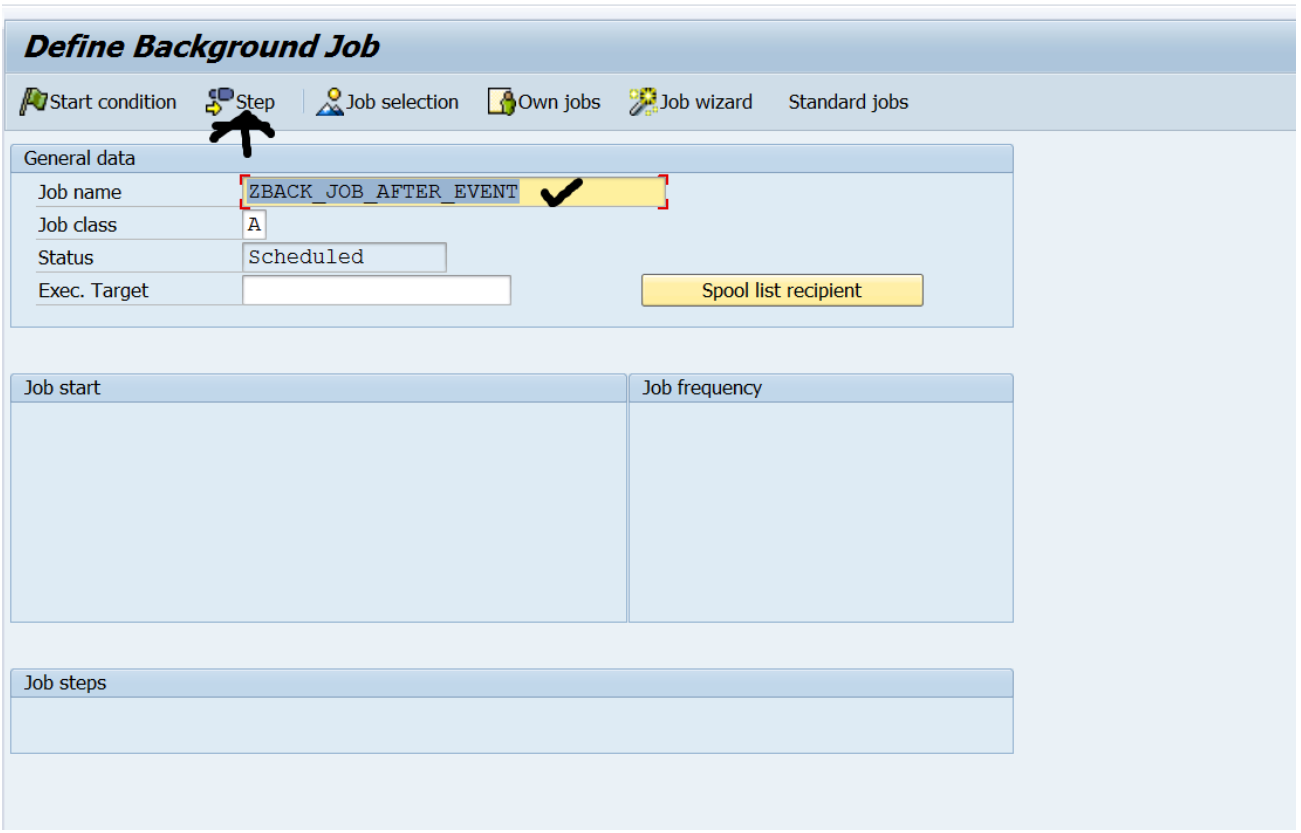
ABAP Editor: Change Report ZBACK_REPORT

Pattern Pretty Printer

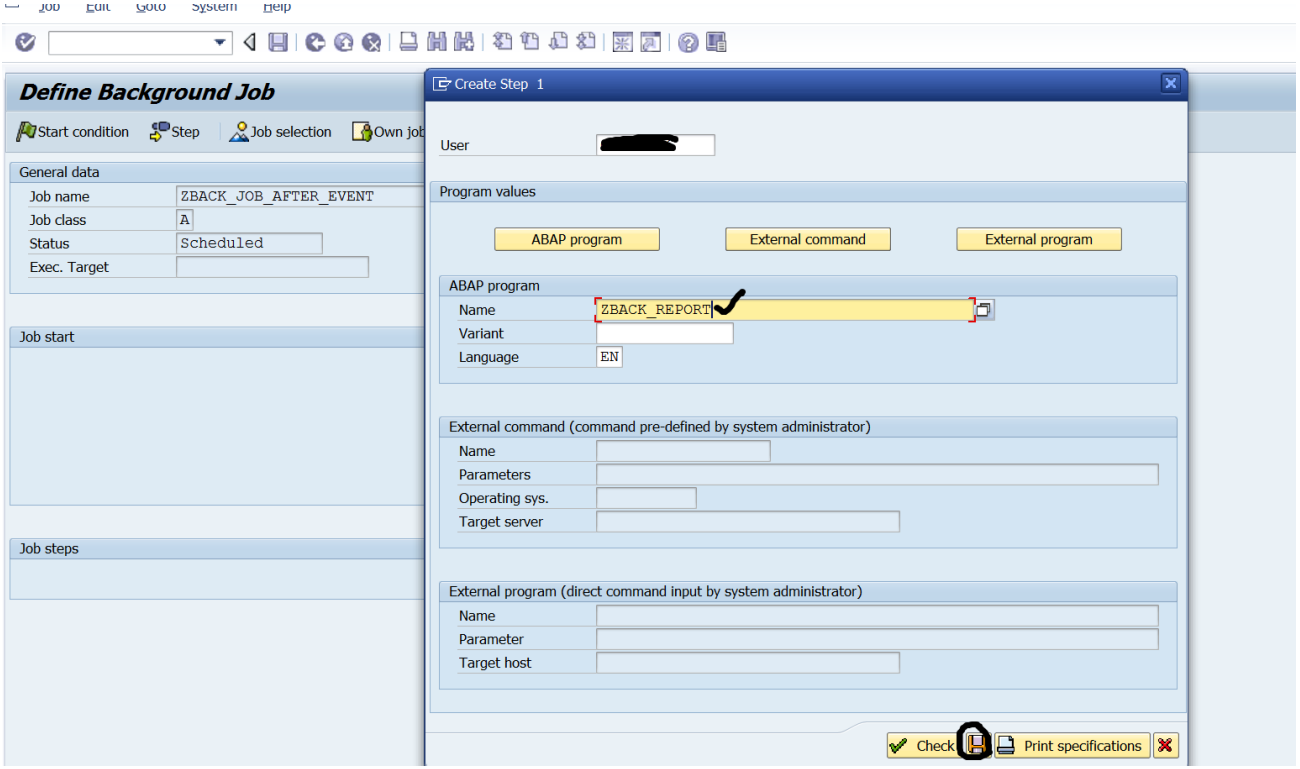
Report ZBACK_REPORT Active

```
3
4   REPORT  ZBACK_REPORT.
5
6   WRITE :/ 'Output triggered by job after event is raised'.
```

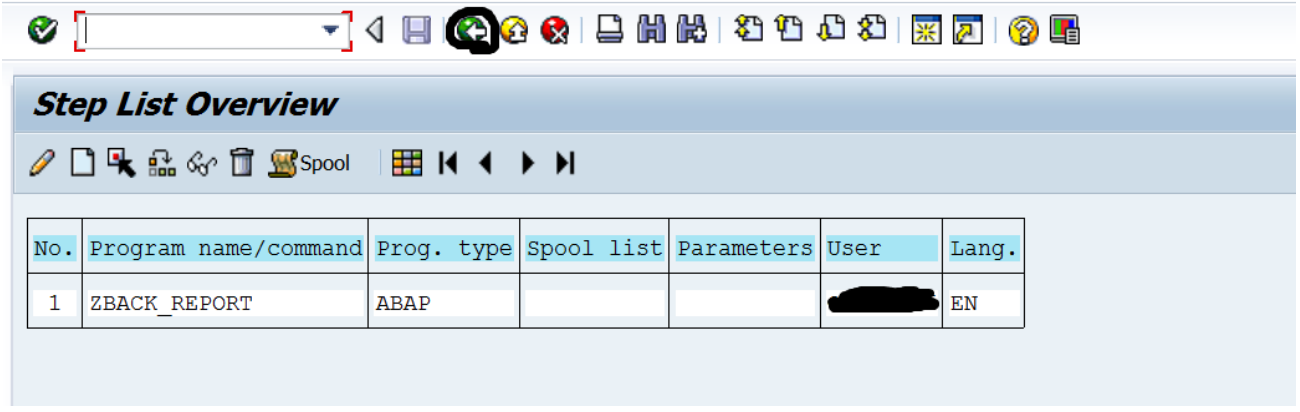
Step7. Go to Tx- SM36 and create a job.



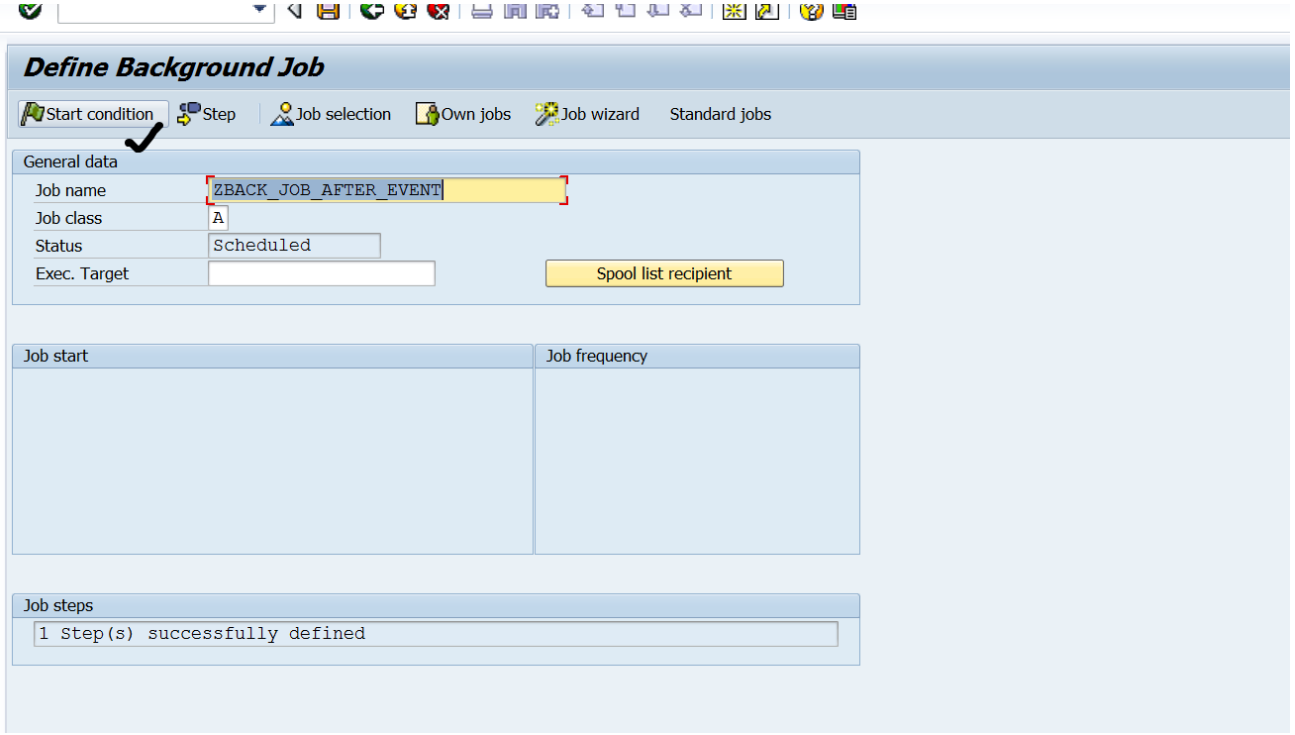
Step8. Provide the job step- i.e the report that will run when job will be executed. Save.



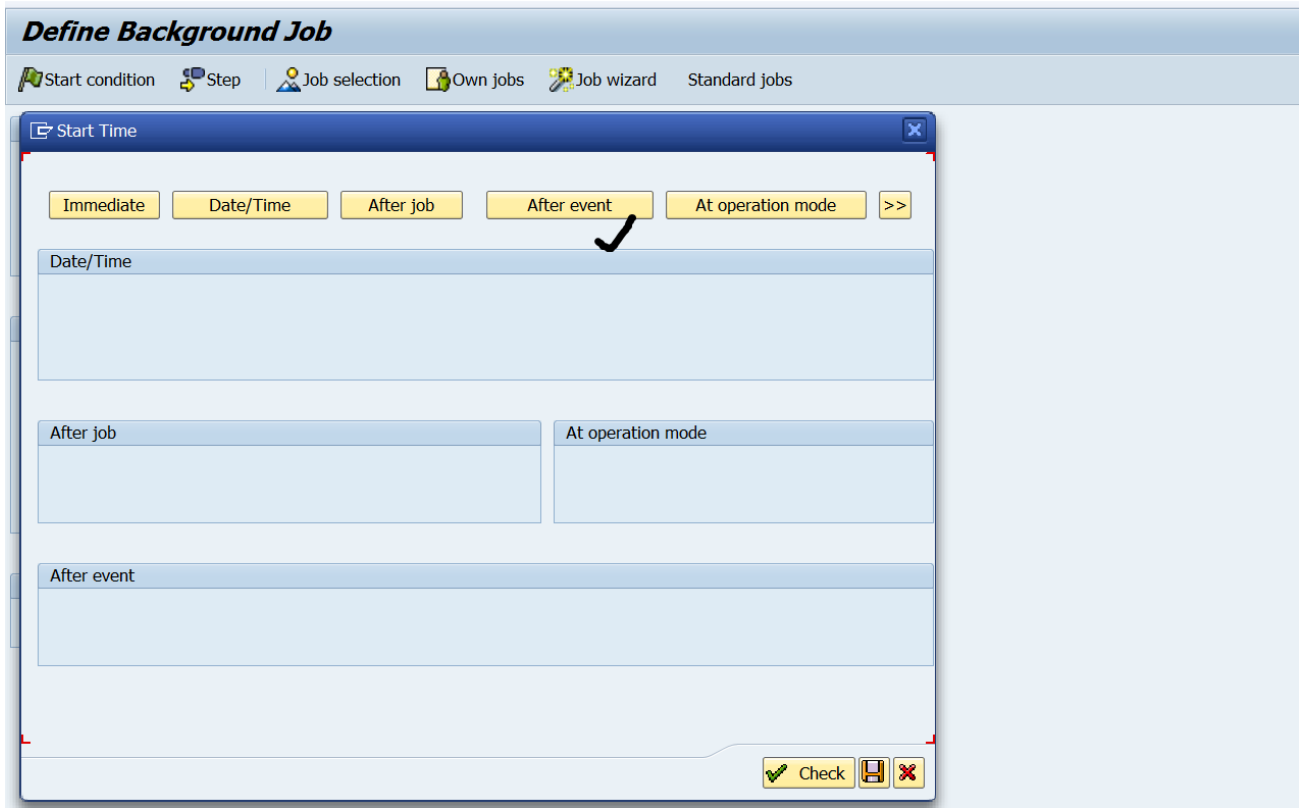
Step9. Go Back.



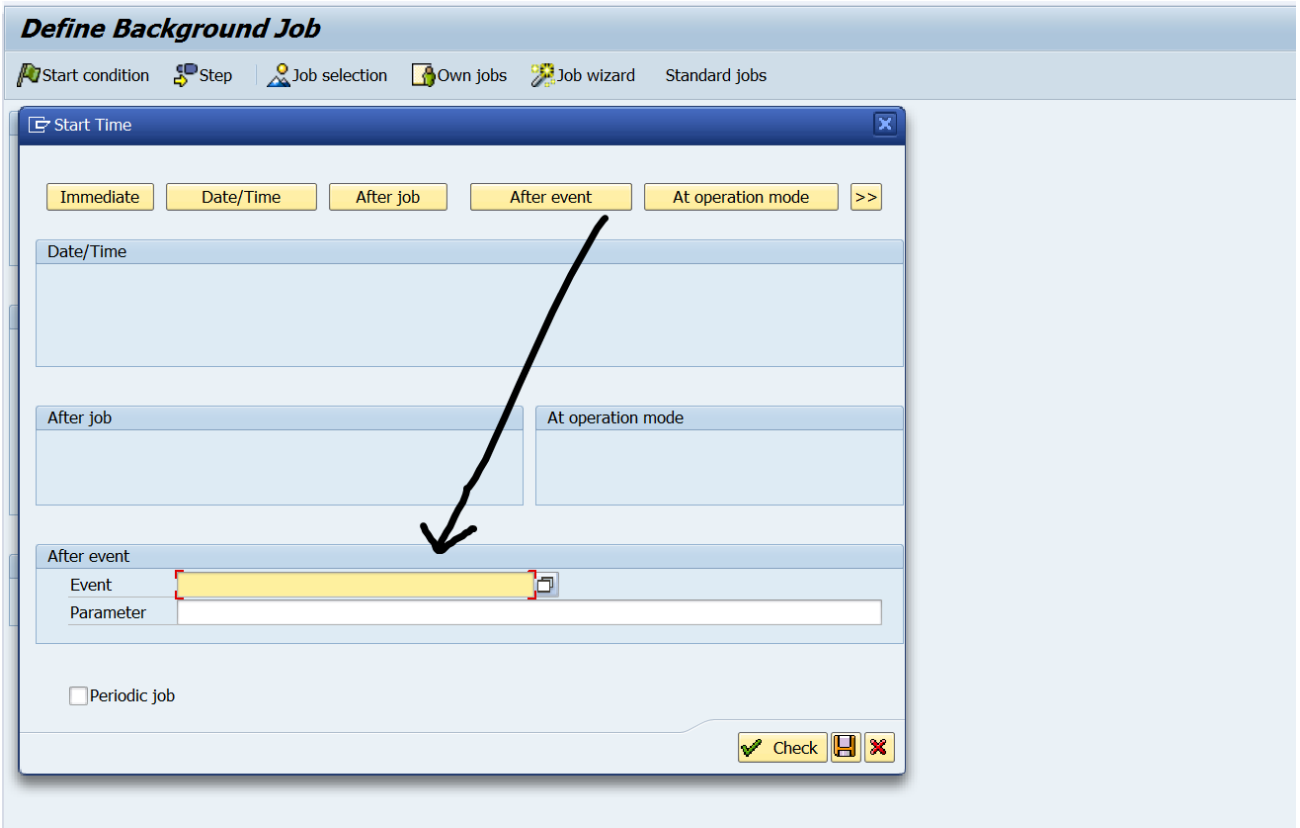
Step10. Select the Job Start Condition.



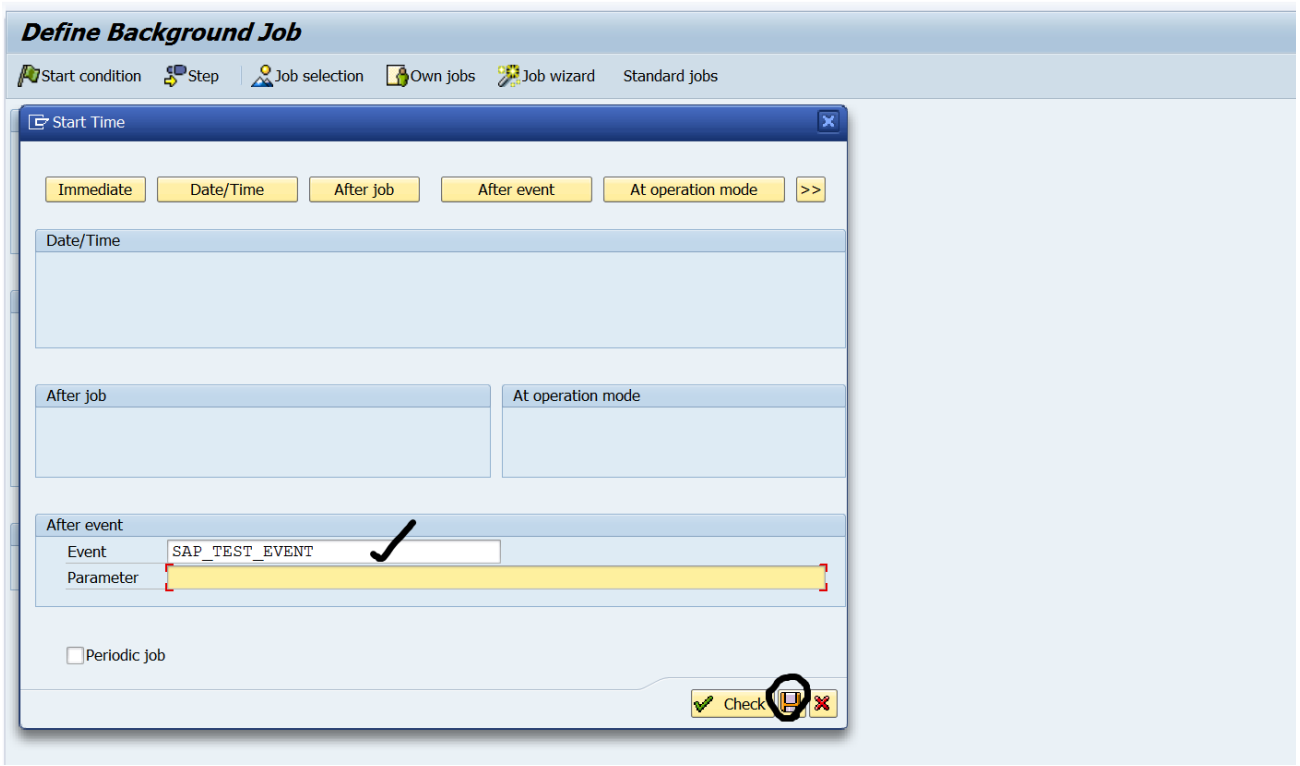
Step11. Click on the after Event button.



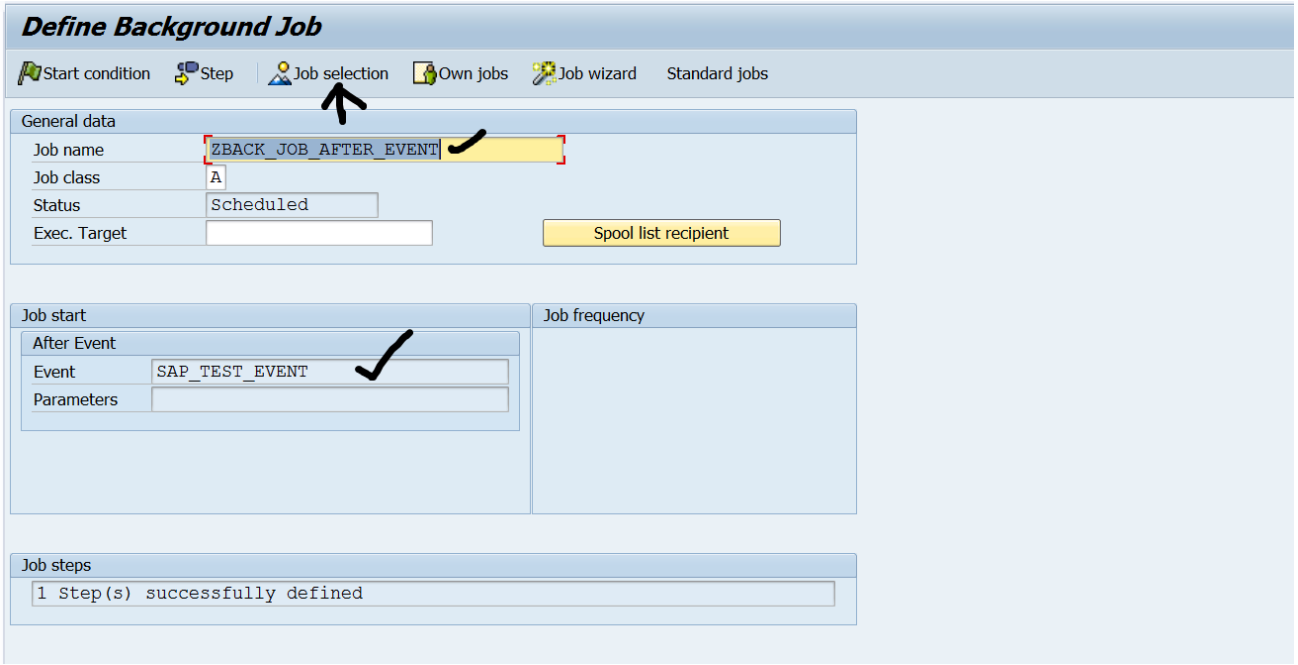
Step12. The below screen appears.



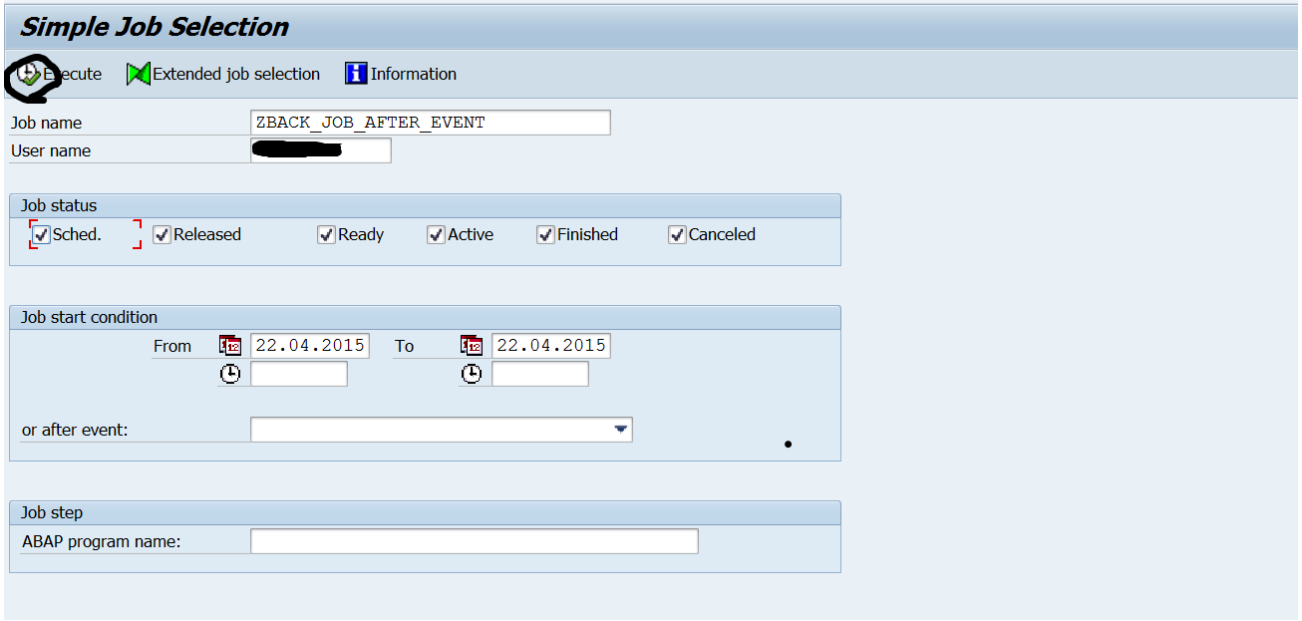
Step13. Provide the job name and check->Save.



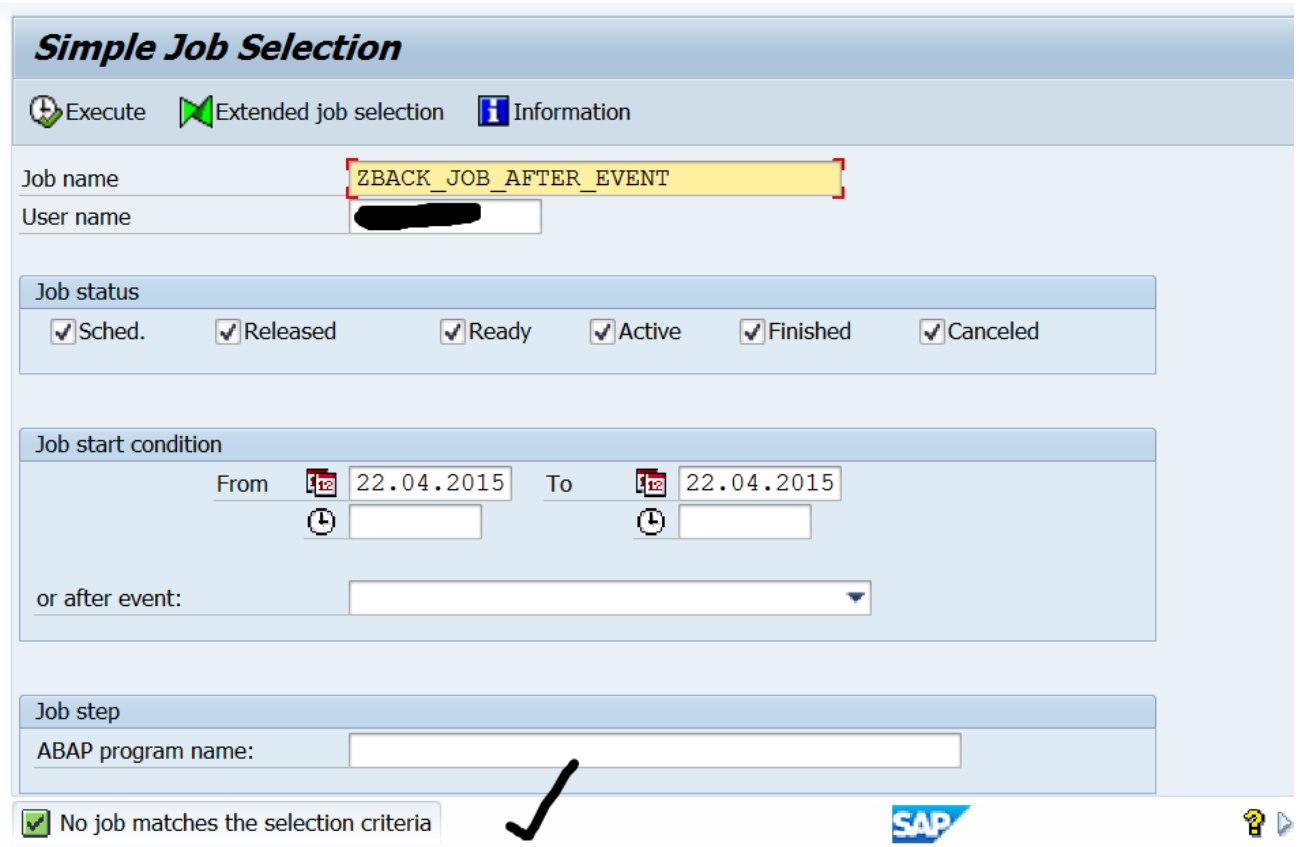
Step14. Click on the Job Selection button.



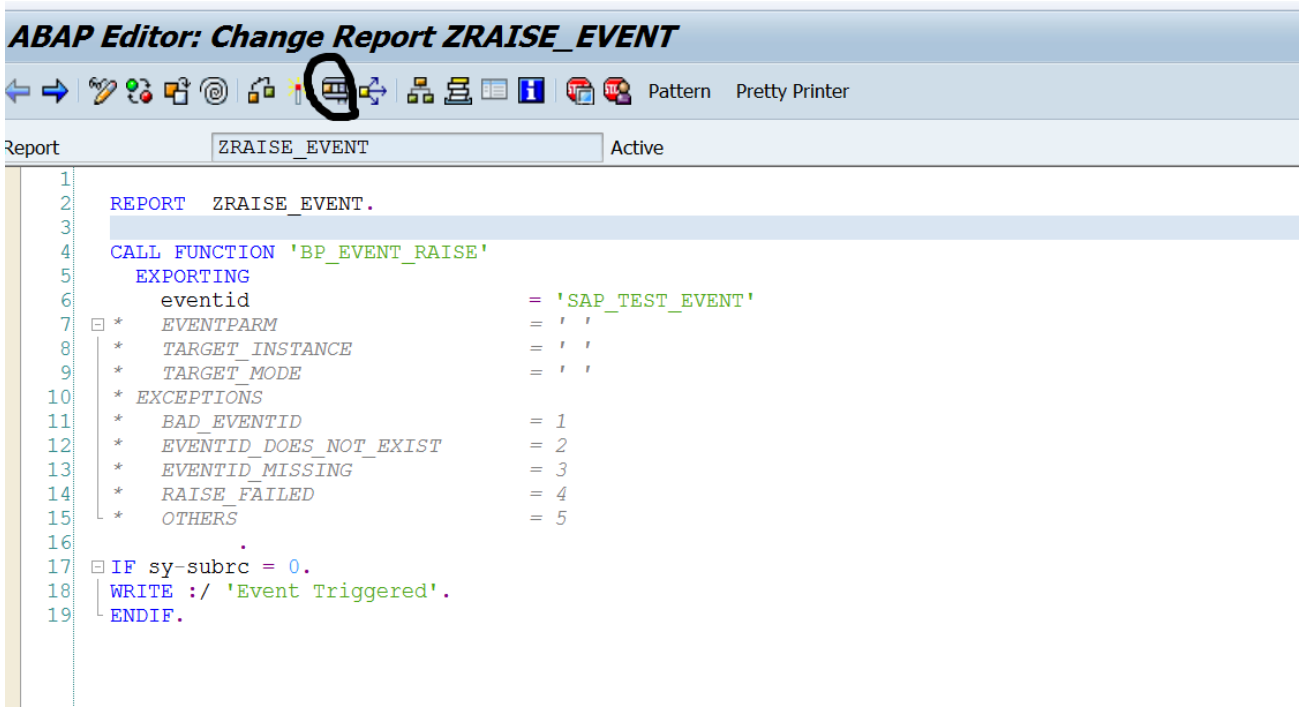
Step15. Click on Execute button.



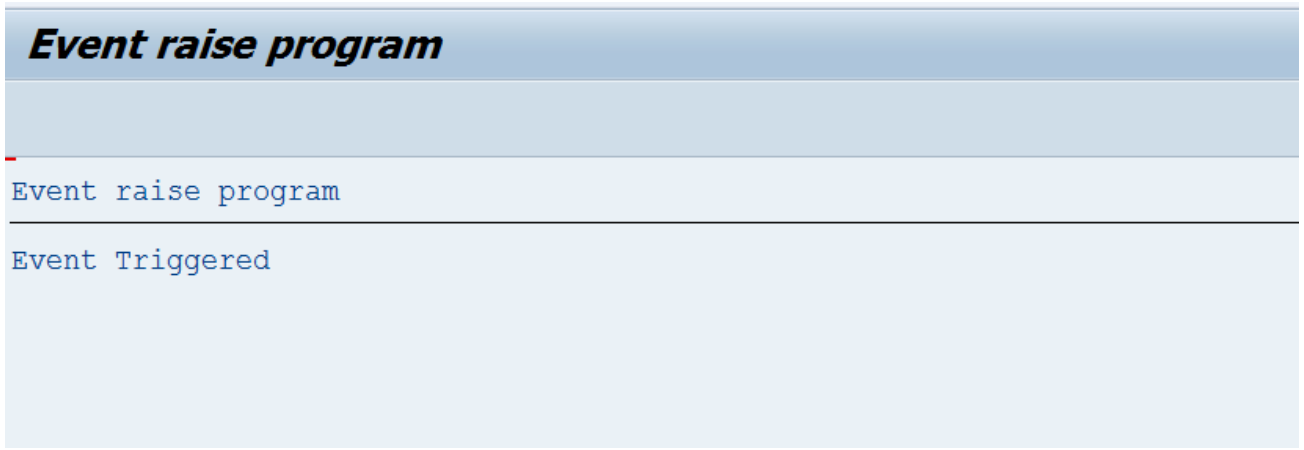
Step16. The below message shown when job is executed.



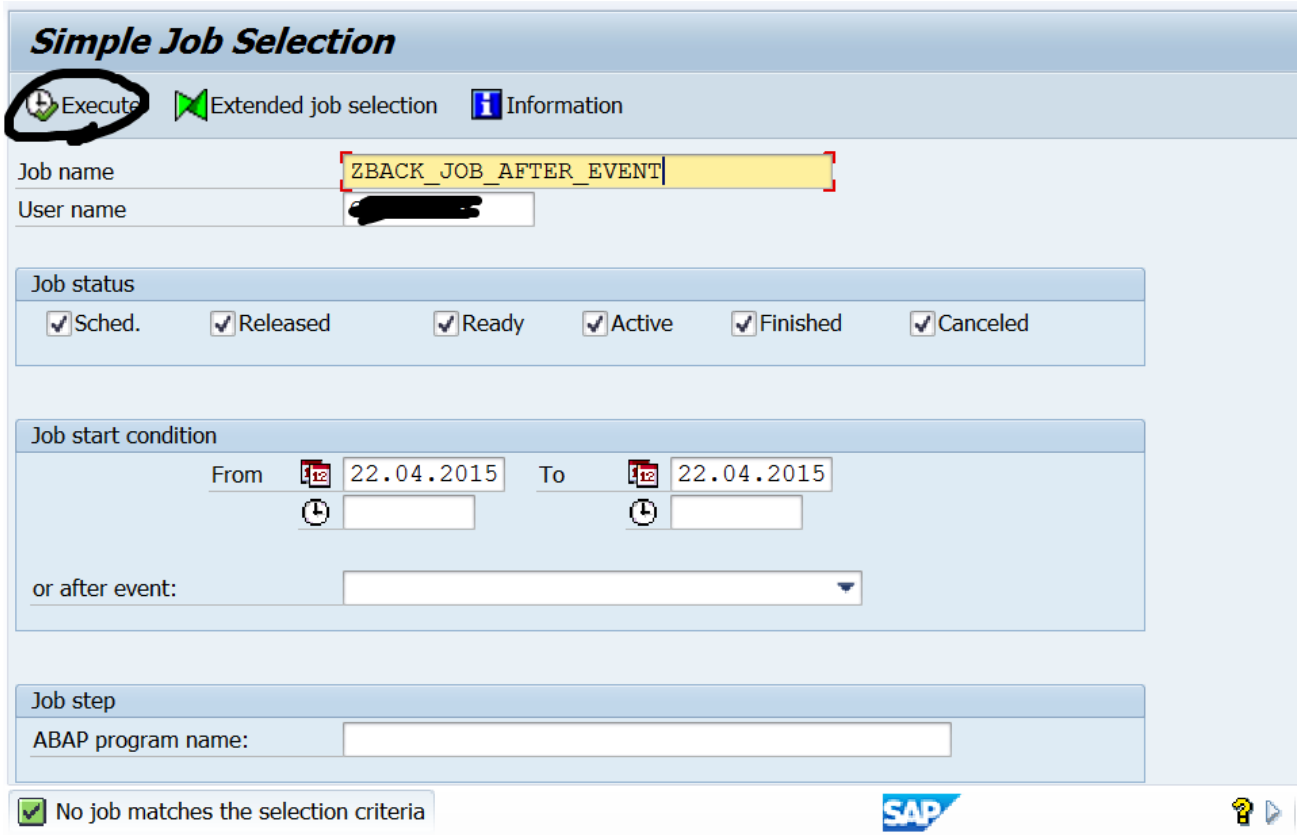
Step17. Executed the program to raise the event.



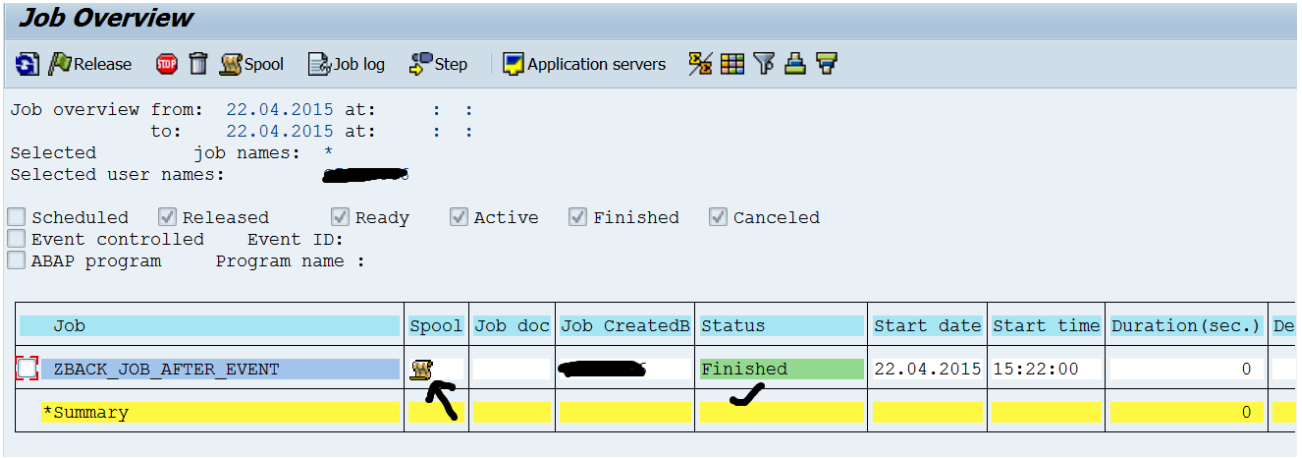
Step18. We have the report output.



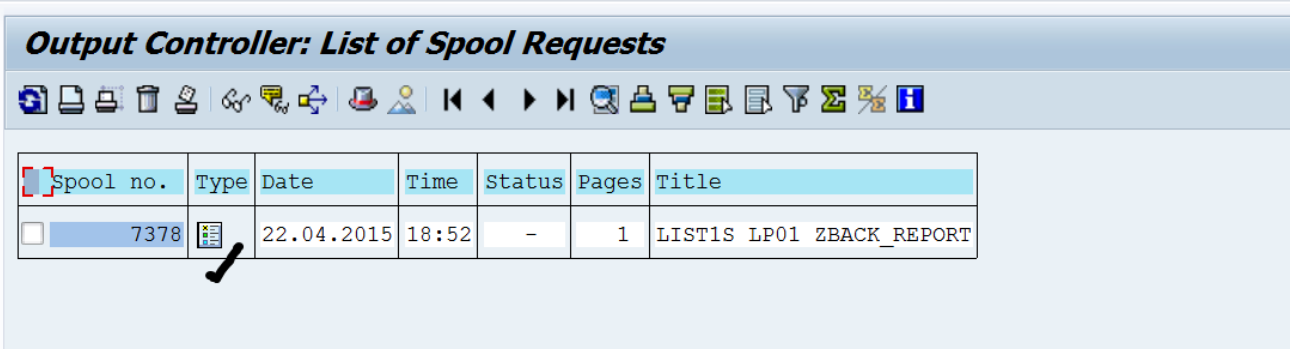
Step19. Now Execute the job.



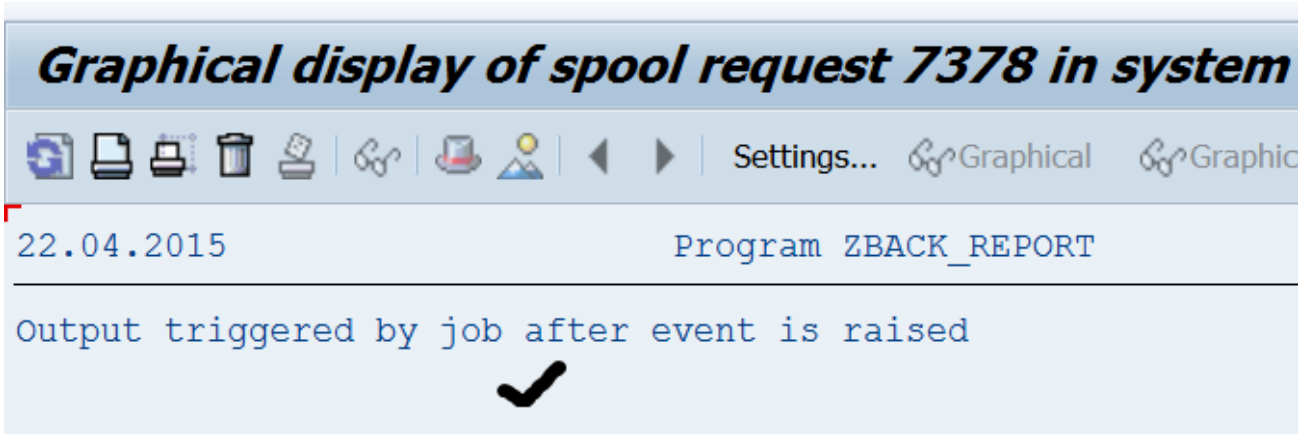
Step20. We have the job output. To see the spool click on the spool icon.



Step21. Click on the output type.



Step22. Here we have the job report output.



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