NVS Greenex

SAP Intermediate Monitoring Documents (report Idoc2).

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Introduction.

The SAP systems landscape is a complex space with active

real-time data exchange and one type of exchange is IDOC transfer.

These interim documents are an important information carrier and their delay for

various reasons can lead to negative consequences for business.

To inform responsible persons in a timely manner about problems with IDOC processing

The monitor type is MoniSapIdoc2.

The user sets a regular check of documents of a certain type (MESSAGE

TYPE) and a certain status, and if these documents are "delayed" in this status

for more than a specified time, an alert is generated and information about this is sent to the postal

addresses of responsible employees to take measures to remedy the situation

Business task

Business task: it is necessary to intervene in time in the process of processing IDOC with names DESADV or INVOICE if they are in the status 30 or 15 or 29 for longer than 30 minutes.

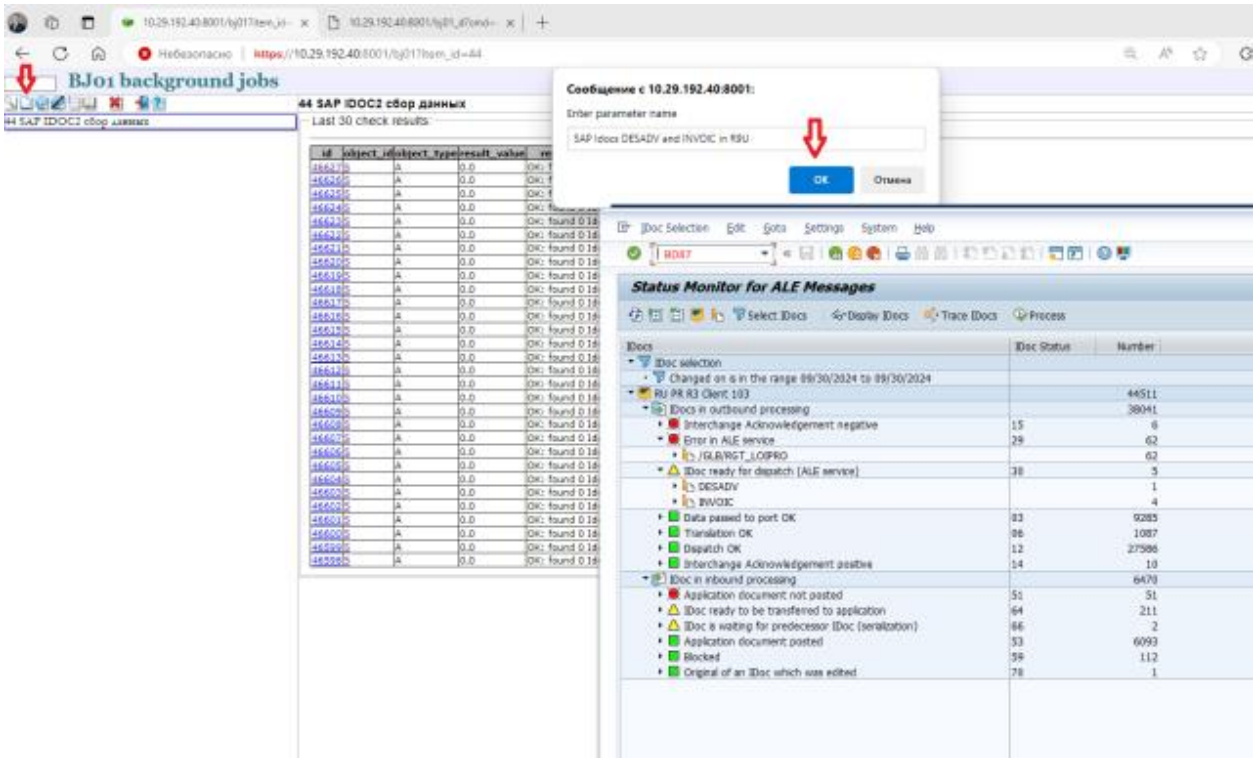
Send emails with information about the occurrence of the event to 2 e-mail addresses

Creating a background task.

To regularly monitor the idoc situation, you need to create a background task in the NVS Greenex system. In transaction BJ01, create a new record:

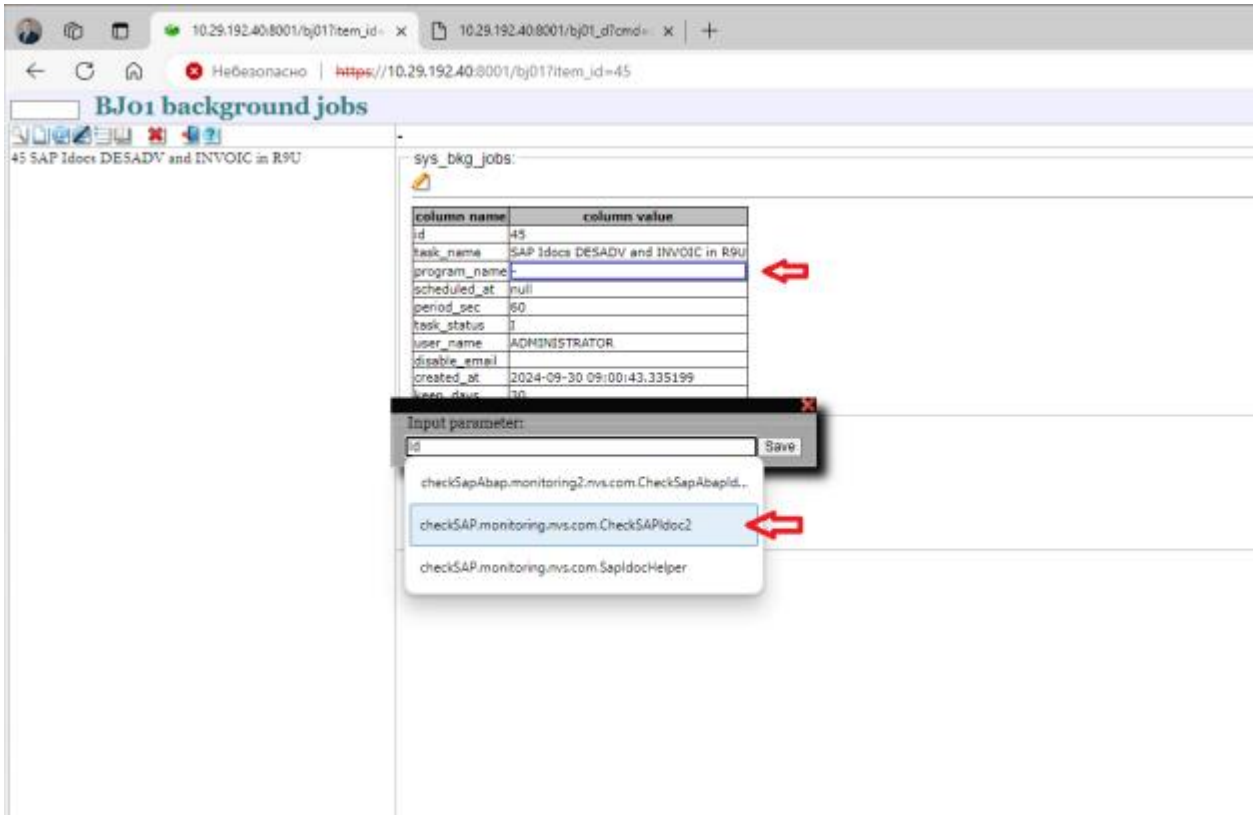
For example: SAP Idocs DESADV and INVOICE in R9U.

Note: Choose a description with keywords that you can easily find when searching further. You can also change it at any time if necessary.

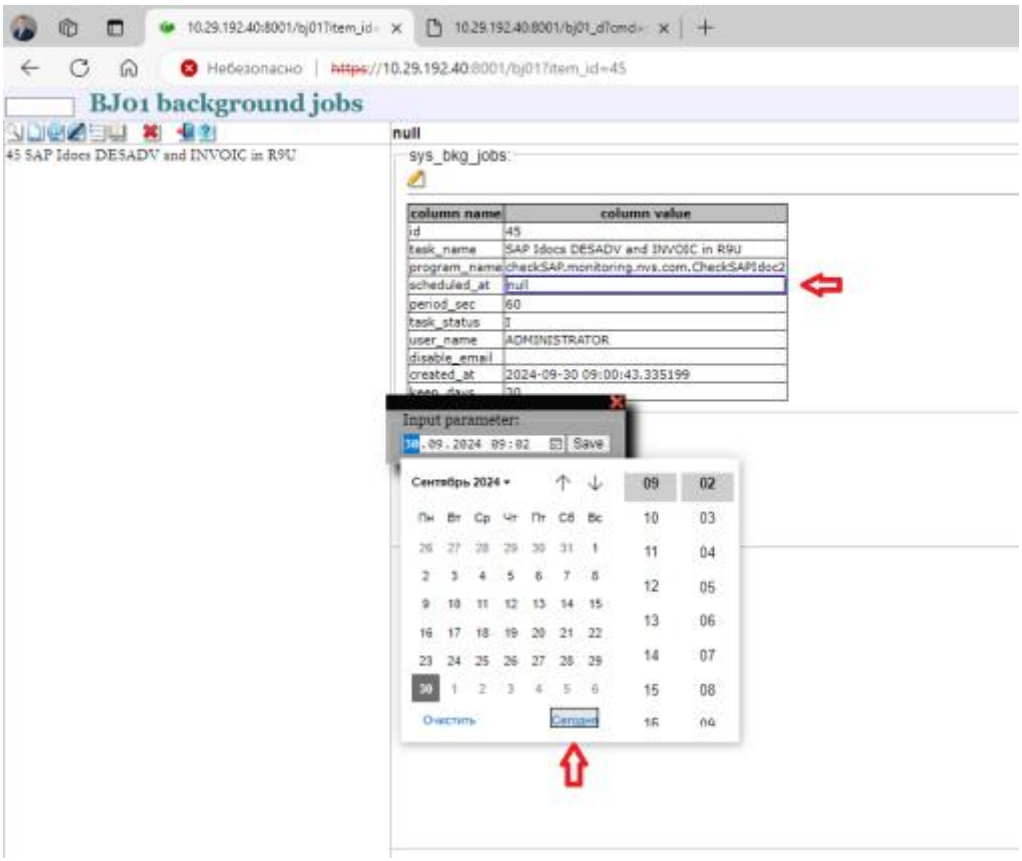


In your background tasks on the right, set the type of verification program:

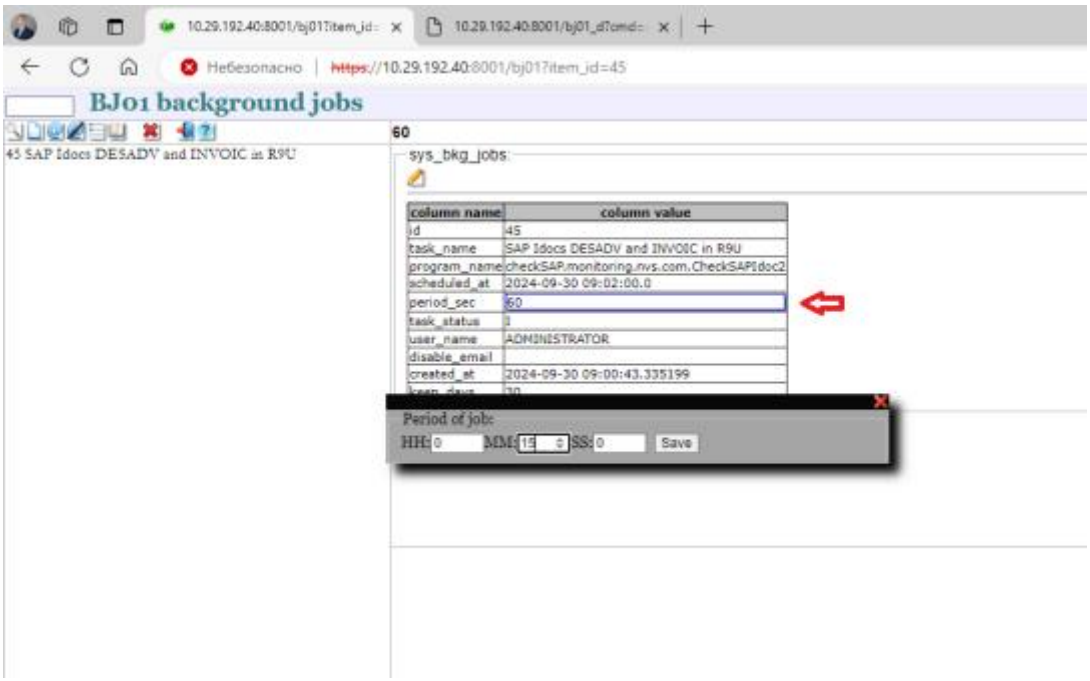
checkSAP.monitoring.news.com .CheckSAPIdoc2.



Set the start time of the program.

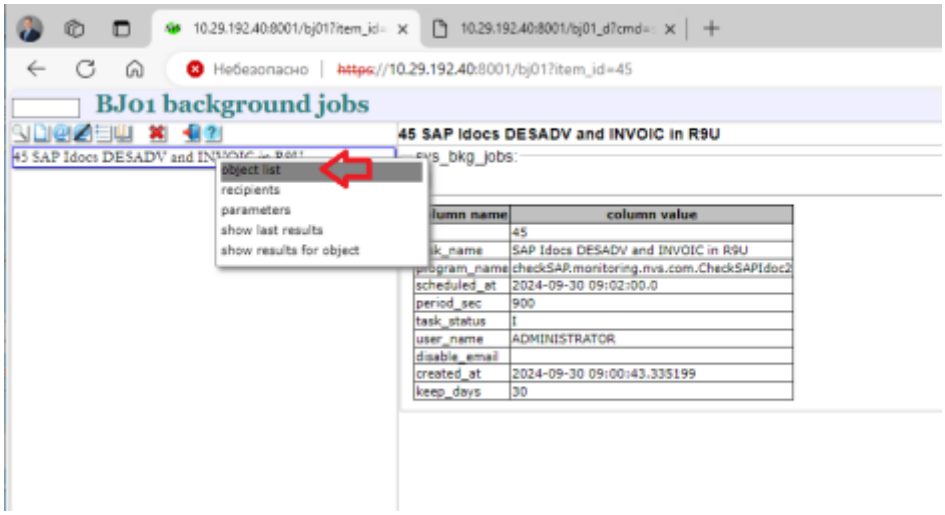


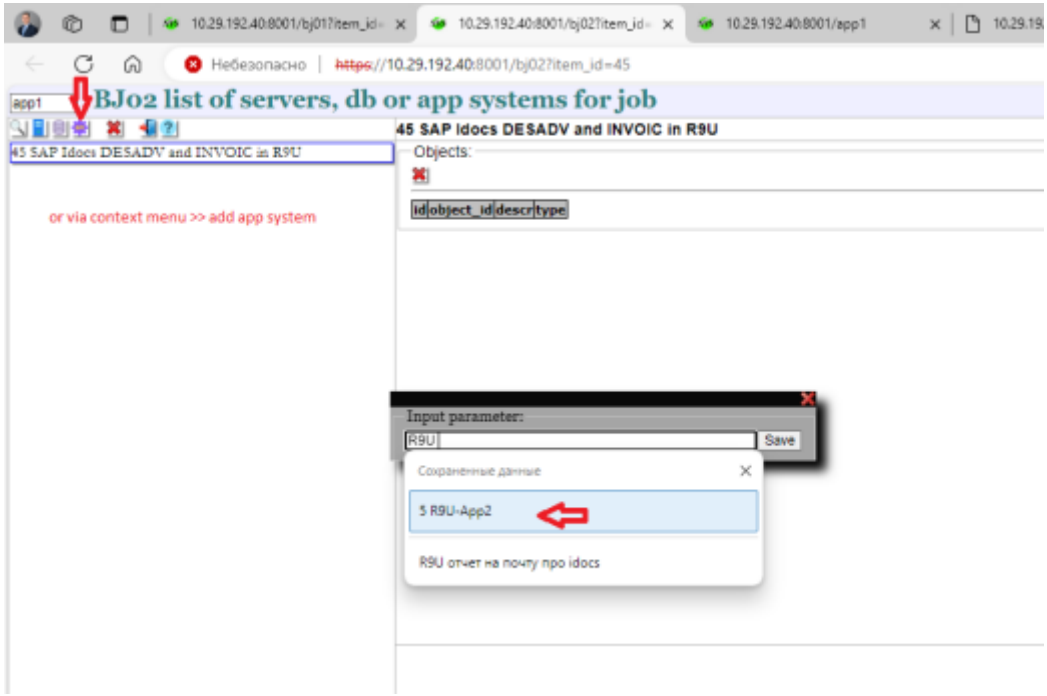
And the frequency of repetition, for example, 15 minutes



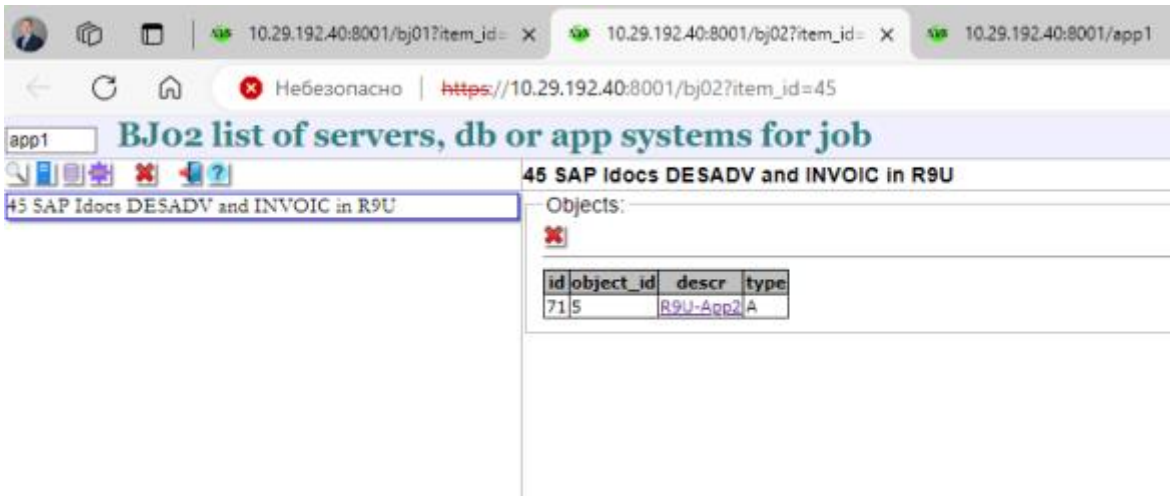
Choosing an SAP system to test

Use the context menu to go to the BJ02 transaction and add the SAP system in which the checks will take place. The example assumes that this system is already exists in the APP1 transaction.



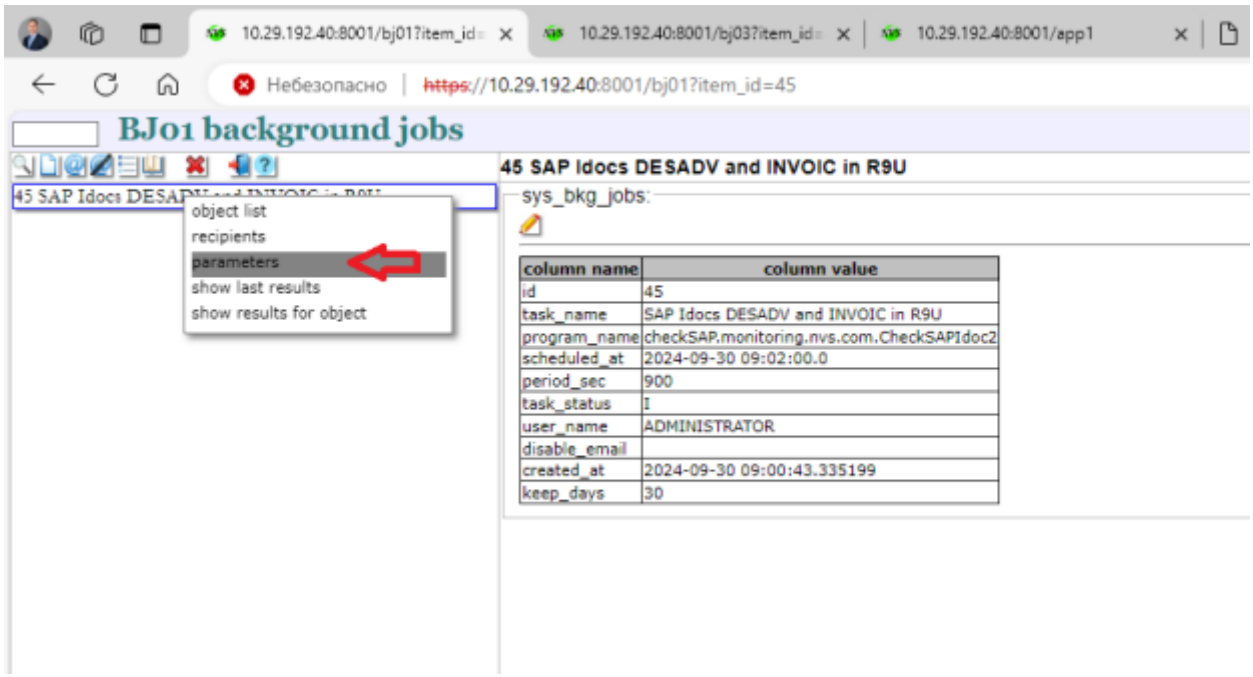


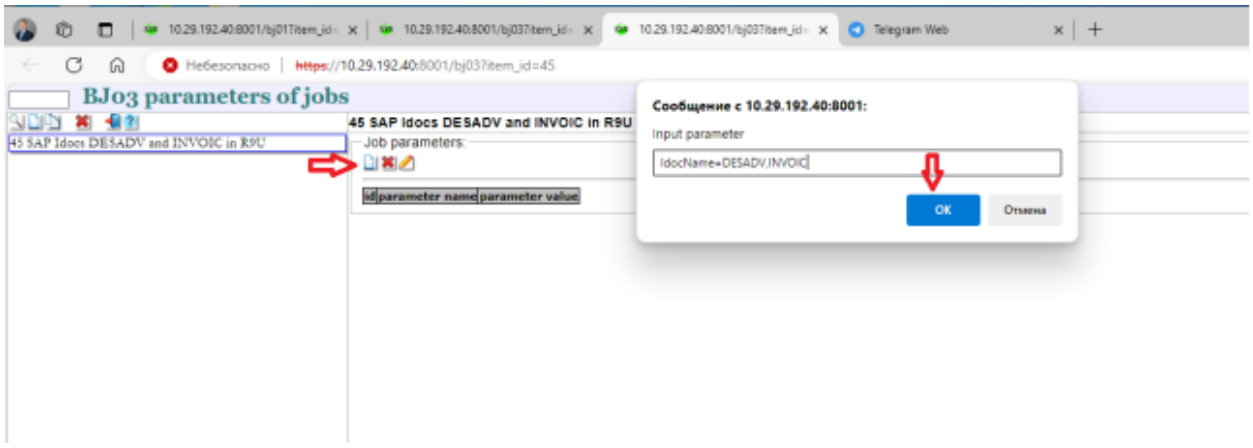
As a result, the result will look something like this:



Adding task parameters

When you return to the BJ01 transaction again, add the required parameters for verification





The parameter table.

The required parameters are marked in bold.

Parameter names and their values are case-sensitive! Lowercase and uppercase characters are different. Docname is not equal to DOCNAME. If the parameter needs to be temporarily deactivated, just rename it by changing 1 character.

Parameter name	Description	Example	Details
IdocName	Message names (separated by commas)	DESADV,INVOIC	DESA* - asterisk is not supported.
IdocStatus	Digital status values (separated by commas)	30,15,29	* - asterisk is not supported.
DurationStateMin	The duration since the last change	15	By default, 30 minutes
Sender	Sender's name	PR1CLNT001	PR1* is acceptable. Separated by commas , no. If there is no filtering parameter for it , there is no filter
Recipient	Recipient's name	DE1CLNT100	DE1* is acceptable. Separated by commas , no. If there is no filtering parameter for it , there is no filter

Selecting message recipients

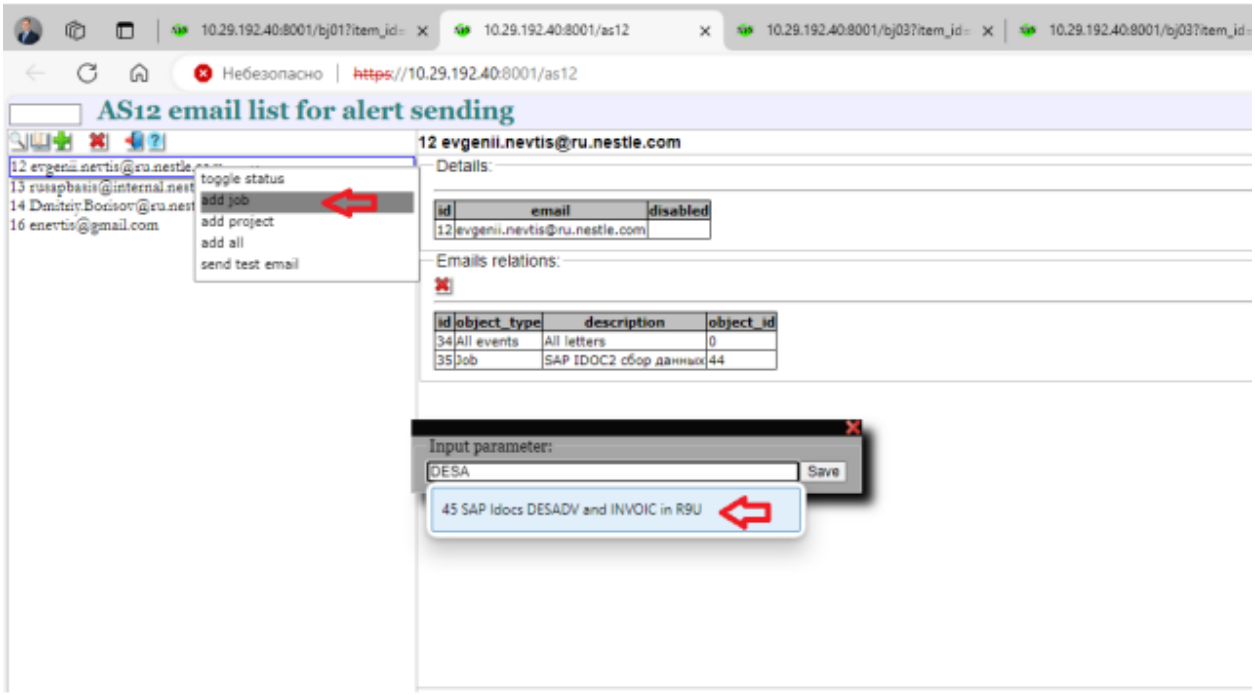
To determine the recipients of notifications (alerts) for this verification in the AS 12 transaction

select the current e-mail addresses. Use the context menu to add a link

to the previously created background task to the address. The search is based on the description. You can

add multiple recipients of a message in this way. If the desired address is not in the list, add it using the green plus button. You can view all available addresses using the open book button on the left panel.

For verification, you can send a test email to the recipient using the item the context menu

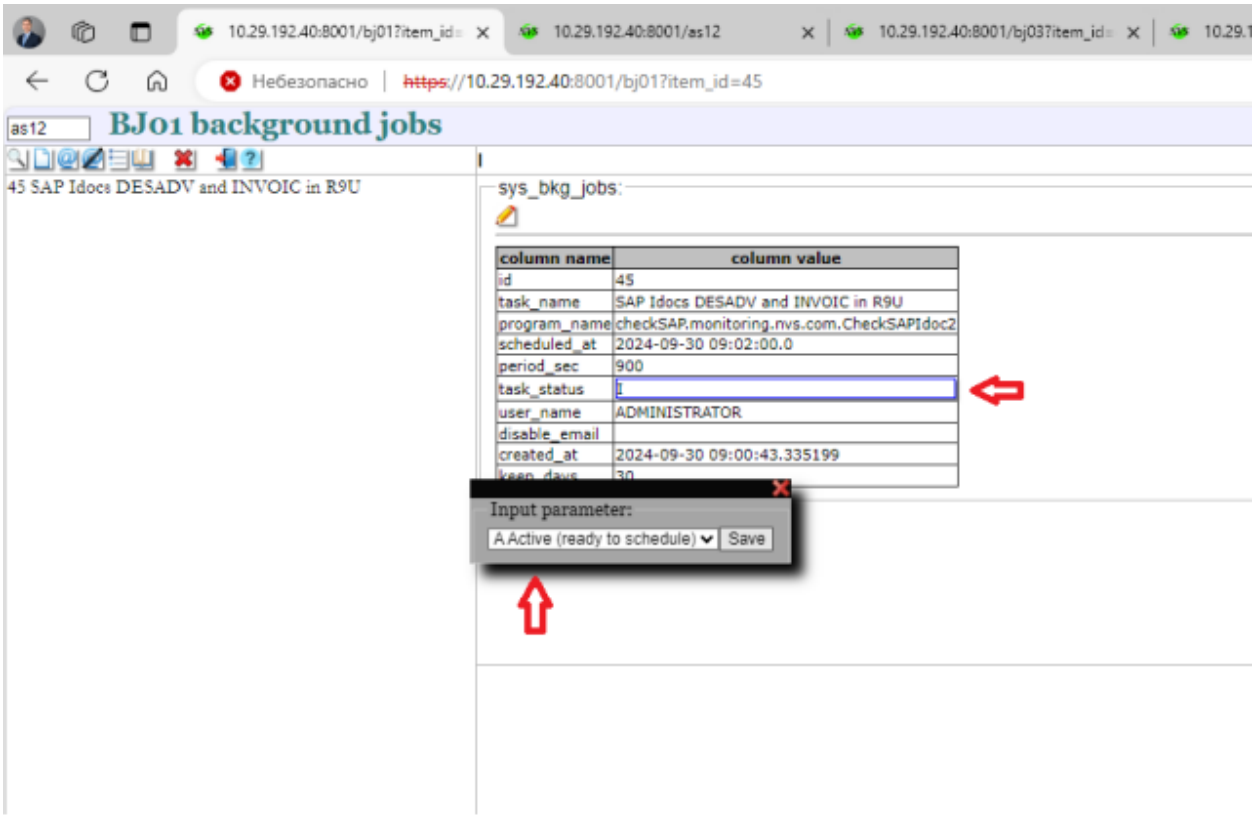


Start a background task and check the results of the work.

The last step in setting up a task is to release the task by setting its task_status parameter in the BJ01 transaction.

Change the value of the field to active, after which the task will start working according to the schedule.

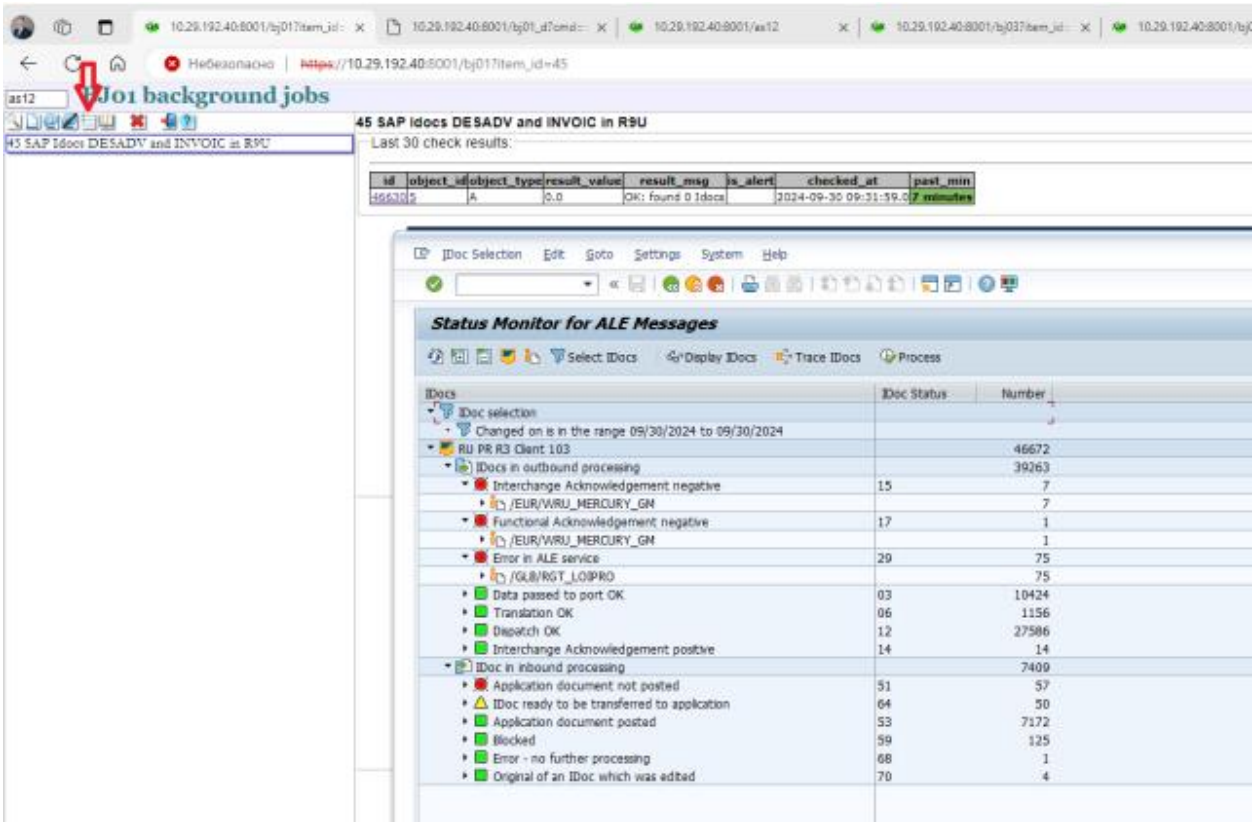
Accordingly, you can turn off the task by setting the status as deactivated (D)



After some time has elapsed, due to the start time and the repetition period

you can see the log of the background task, where the results of the checks will be reflected. If there is an X in the alert field, the system will send an alert by mail.

The list of idoc documents found can be seen by clicking on the id field.



Conclusion

This report can filter different types of messages (Docname) in combination with

Sender and Recipient, which allows, if necessary , to configure different areas of responsibility between consultants in the case of a complex data flow

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