

SOST filter configuration

1. For API, you need to populate the filter with following.

Basically, this will extract messages with status history either 701, 702, 073 or 723 which mean that the message has been transmitted successfully.

The format of the field is <field name>_<table name>.

SOST Field Name	Counter	Include / Exclude	Option	Low	High
MSGNO_SOST	1	I	EQ	701	
MSGNO_SOST	2	I	EQ	702	
MSGNO_SOST	3	I	EQ	073	
MSGNO_SOST	4	I	EQ	723	
OBJDES_SOOD	1	I	CP	API Alphapharm Daily Sales - *	

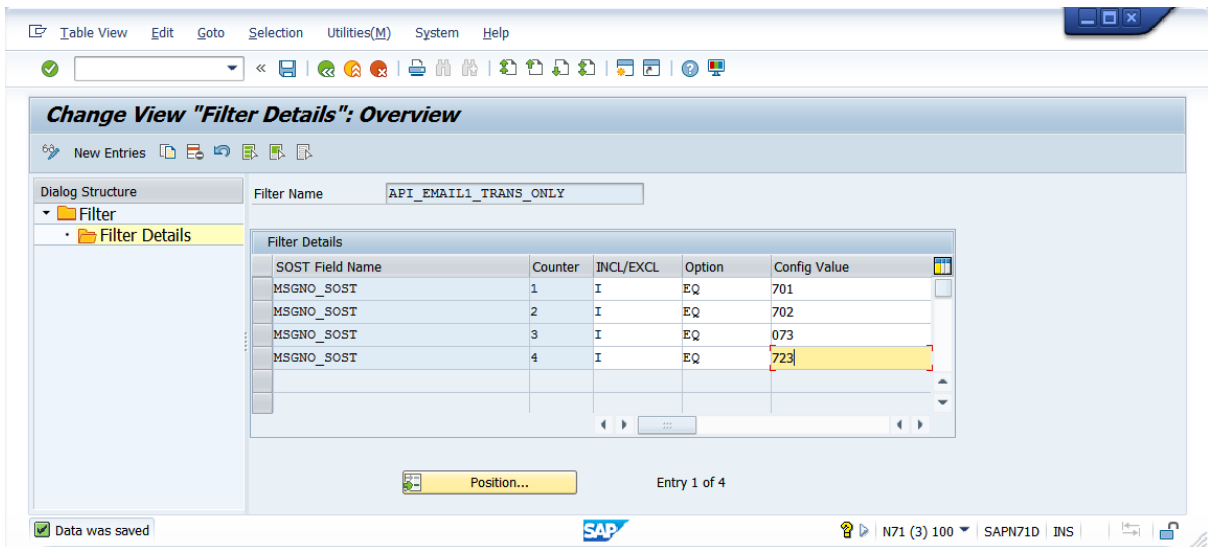
I think size of the attachment should be checked in Splunk. Use field ATTLEN_SOOD and the field unit is in byte.

The screenshot shows the SAP 'Change View "Filter Details": Overview' window. The filter name is 'API_EMAIL1_SUBJECT_TRANSMITTED'. The 'Filter Details' table is as follows:

SOST Field Name	Counter	INCL/EXCL	Option	Config Value
MSGNO_SOST	1	I	EQ	701
MSGNO_SOST	2	I	EQ	702
MSGNO_SOST	3	I	EQ	073
MSGNO_SOST	4	I	EQ	723
OBJDES_SOOD	1	I	CP	API Alphapharm Daily Sale

The interface also shows a 'Dialog Structure' on the left with 'Filter' and 'Filter Details' expanded. At the bottom, it indicates 'Entry 1 of 5' and 'Data already saved'.

2. If you want to extract only the TRANSMITTED messages

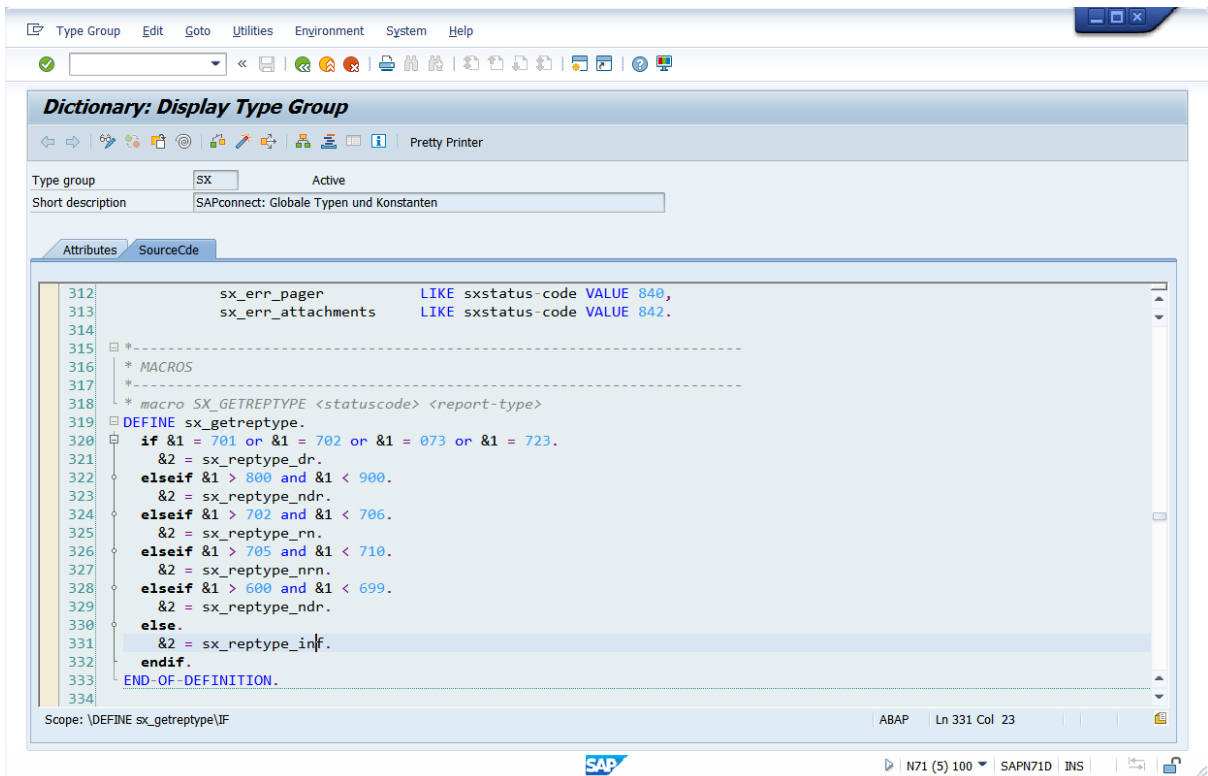


3. If you want to extract only messages WITH ERRORS

SOST Field Name	Counter	Include / Exclude	Option	Low	High
MSGNO_SOST	1	I	BT	801	899
MSGNO_SOST	2	I	BT	601	698

4. How do I know the numbers?

Unfortunately, I had to look at SOST source code.



5. CAUTION: Not all fields that you can see in transaction SOST can be used as a filter directly.
- 5.1. Sender field is not a field in the database but the sender is derived from field SNDTP, SNDYR, SNDNO of table SOOS.

Status	Send Method	Doc. Title	Sender	Recipient	Send date	Send time	Msg Class	Ye	Object number	User Name	
via Internet	0090139180 N71 Uploader		info@bnwconsulting.com.au	info@bnwconsulting.com.au	13.09.2016	00:03:26	826	RAW	41	00000000627	STEVANIC
via Internet	0090139180 N71 Extractor		info@bnwconsulting.com.au	info@bnwconsulting.com.au	13.09.2016	00:00:28	826	RAW	41	00000000819	STEVANIC
via Internet	0090139180 N71 Uploader		info@bnwconsulting.com.au	info@bnwconsulting.com.au	14.09.2016	00:04:37	826	RAW	41	00000000629	IEGOR
via Internet	0090139180 N71 Extractor		info@bnwconsulting.com.au	info@bnwconsulting.com.au	14.09.2016	00:00:21	826	RAW	41	00000000628	IEGOR
via Internet	API Alphapharm Daily Sales - 14/09/2016 - 6		Stevanic Artana	stevanic.artana@bnwconsulting.com.a	14.09.2016	11:45:20	672	RAW	41	000000001254	STEVANIC
via Internet	API Alphapharm Daily Sales - 14/09/2016 - 5		Stevanic Artana	stevanic.artana@bnwconsulting.com.a	14.09.2016	11:44:42	899	RAW	41	000000001250	STEVANIC
via Internet	API Alphapharm Daily Sales - 14/09/2016 - 4		Stevanic Artana	stevanic.artana@bnwconsulting.com.a	14.09.2016	11:35:08	899	RAW	41	000000001250	STEVANIC
via Internet	API Alphapharm Daily Sales - 14/09/2016 - 3		Stevanic Artana	stevanic.artana@gmail.com	14.09.2016	11:29:32	899	RAW	41	000000001247	STEVANIC

So you can use the above fields in SOST filter to filter by specific sender.

In N71, if you want to filter by me, create the following.

Change View "Filter Details": Overview

Filter Name: FILTER_BY_SENDER

SOST Field Name	Counter	INCL/EXCL	Option	Config Value
SNDNAM_SOOS	1	I	EQ	STEVANIC

Position... Entry 1 of 1

- 5.2. Recipient field is not a field in the database but the recipient email address is derived from field RECTP, RECYR and RECNO in table SOOS.

However, you cannot filter by recipient because the RECNO changes all the time although the same recipient is used.

Status	Send Method	Doc. Title	Sender	Recipient	Send date	Send time	Msg Status	bt	Ty	Ye	Recipient number
via Internet	API Alphapharm Daily Sales - 14/09/2016		Stevanic Artana	stevanic.artana@gmail.com	14.09.2016	09:25:13	826	Cannot process message, no route from STEVANIC to stevanic.artana@GMAIL.COM	ADR	41	000000001194
via Internet	API Alphapharm Daily Sales - 14/09/2016		Stevanic Artana	stevanic.artana@gmail.com	14.09.2016	09:10:50	826	Cannot process message, no route from STEVANIC to stevanic.artana@GMAIL.COM	ADR	41	000000000798
via Internet	0090139180 N71 Uploader		info@bnwconsulting.com.au	info@bnwconsulting.com.au	14.09.2016	00:04:37	826	Cannot process message, no route from A-0000010811 to info@BNWCONSULTING.COM.AU	ADR	41	00000000584
via Internet	0090139180 N71 Extractor		info@bnwconsulting.com.au	info@bnwconsulting.com.au	14.09.2016	00:00:21	826	Cannot process message, no route from A-0000010811 to info@BNWCONSULTING.COM.AU	ADR	41	00000000586
via Internet	0090139180 N71 Uploader		info@bnwconsulting.com.au	info@bnwconsulting.com.au	13.09.2016	00:03:26	826	Cannot process message, no route from A-0000010811 to info@BNWCONSULTING.COM.AU	ADR	41	00000000585
via Internet	0090139180 N71 Extractor		info@bnwconsulting.com.au	info@bnwconsulting.com.au	13.09.2016	00:00:28	826	Cannot process message, no route from A-0000010811 to info@BNWCONSULTING.COM.AU	ADR	41	00000000575
via Internet	Cannot be sent: 0090139180 N71 Uploader		Stevanic Artana	info@bnwconsulting.com.au	14.09.2016	09:11:21	672	Wait for communications service	ADR	41	000000001192
via Internet	Cannot be sent: 0090139180 N71 Extractor		Stevanic Artana	info@bnwconsulting.com.au	14.09.2016	09:11:21	672	Wait for communications service	ADR	41	000000001191
via Internet	Cannot be sent: 0090139180 N71 Uploader		Stevanic Artana	info@bnwconsulting.com.au	14.09.2016	09:11:21	672	Wait for communications service	ADR	41	000000001190