

# Troubleshooting the Search Settings specific to eRecruitment on Ehp4



## Applies to:

SAP ECC 6.0, ERECUIT 600, Ehp4 and Trex version 7.0. For more information, visit the [Enterprise Resource Planning homepage](#).

## Summary

This document will guide all the functional consultants working on the eRecruitment module. This document will help to troubleshoot the search engine settings specific to the eRecruitment.

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## Author Bio



Vijay is someone who has a sharp knack of understanding any system technically and functionally. Budding techno-functional consultant & one of the key consultants who add tremendous value to an ERP implementation.

## Table of Contents

Troubleshoot the Settings for Search Profile specific to eRec on Ehp4.....	3
Screenshots of the Errors: .....	3
Configuration Steps:.....	4
Related Content.....	11
Disclaimer and Liability Notice.....	12

## Troubleshoot the Settings for Search Profile specific to eRec on Ehp4:

Run the Webdynpro service "erc\_a\_search\_setts". Initially if you haven't configured any search profiles and Indexing then status would be red when you run the above Webdynpro service.

### Screenshots of the Errors:

Error1:

**Result of Check of Settings for Search**

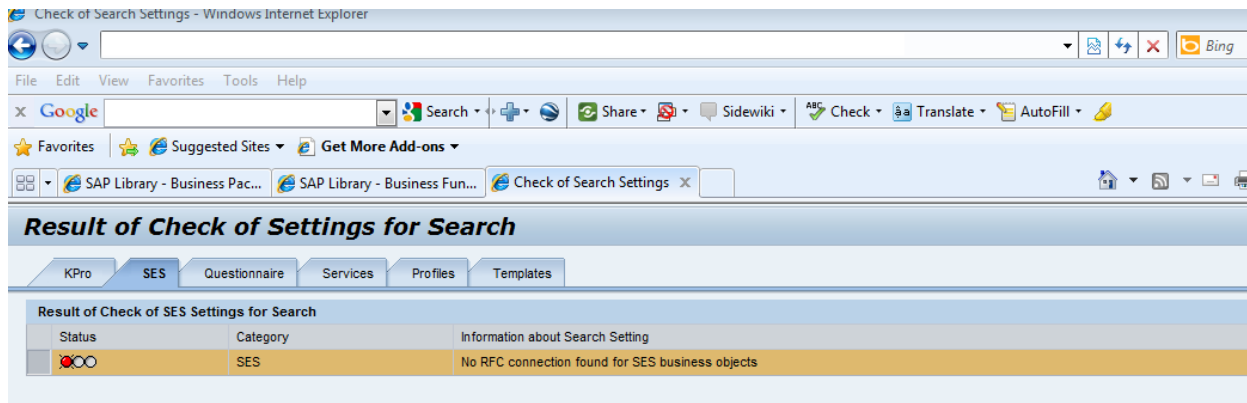
Status	Category	Information about Search Setting
Red	Basic Settings	External alias is not maintained for CONTENTSERVER
Red	KPro Attributes	HR_APPLICATION is not selected for indexing for KPro
Red	KPro Attributes	HR_OBJECT_ID is not selected for indexing for KPro
Red	KPro Attributes	HR_OBJECT_TYPE is not selected for indexing for KPro
Red	KPro Attributes	HR_STATE is not selected for indexing for KPro
Red	KPro Attributes	hr_application is not defined for TREX
Red	KPro Attributes	hr_object_id is not defined for TREX
Red	KPro Attributes	hr_object_type is not defined for TREX
Red	KPro Attributes	hr_state is not defined for TREX
Green	Basic Settings	Indexing for document area HR_KW active
Green	Index Category	For Search Server Relation SSR_TREX, RFC connection TREX_ED1 is defined
Green	Index Category	For document area HR_KW, index category DFB40AFBF53866F187A7001B24A2EE00 was found
Green	Index Category	For index category DFB40AFBF53866F187A7001B24A2EE00, Search Server Relation SSR_TREX is defined
Green	Index Category	RFC connection TREX_ED1 for Search Server Relation SSR_TREX is active

Error 2:

Date/Time/User	Numb	External ID	Object bt	Sub-object text	Tran	Program	Mode	Log number
30.08.2010 12:43:28	2	20100830	e-Recruiting		SES_ADM...		Dialog pro...	0000000000000049317
30.08.2010 12:43:28	2	20100830	e-Recruiting		SES_ADM...		Dialog pro...	0000000000000049318
30.08.2010 12:43:28	2	20100830	e-Recruiting		SES_ADM...		Dialog pro...	0000000000000049319
30.08.2010 12:44:33	2	20100830	e-Recruiting				Dialog pro...	0000000000000049321
30.08.2010 12:44:33	2	20100830	e-Recruiting				Dialog pro...	0000000000000049322
30.08.2010 12:44:33	4	20100830	e-Recruiting				Dialog pro...	0000000000000049323
30.08.2010 12:44:34	2	20100830	e-Recruiting				Dialog pro...	0000000000000049324
30.08.2010 12:44:34	4	20100830	e-Recruiting				Dialog pro...	0000000000000049325
30.08.2010 13:19:32	3	Collector for No...	SAP Global Wor...			SAPLSAP...	Batch proc...	0000000000000049327
30.08.2010 13:19:34	2	ereqdev_ED1_00	CCMS Statistic...	Instance Collec...		CL_SWNC...	Dialog pro...	0000000000000049330
30.08.2010 13:19:34	2	ereqdev_ED1_00	CCMS Statistic...	Instance Collec...		CL_SWNC...	Dialog pro...	0000000000000049331
30.08.2010 13:37:12	2	20100830	e-Recruiting				Dialog pro...	0000000000000049334
<b>Problem class Oth</b>		<b>2</b>						
30.08.2010 13:37:12	2	20100830	e-Recruiting				Dialog pro...	0000000000000049335
30.08.2010 13:37:12	4	20100830	e-Recruiting				Dialog pro...	0000000000000049336
30.08.2010 13:37:12	2	20100830	e-Recruiting				Dialog pro...	0000000000000049337
30.08.2010 13:37:12	4	20100830	e-Recruiting				Dialog pro...	0000000000000049338

**No RFC destination available**  
The error occurred in program LHRRCF\_SEARCHU03 line 30

### Error 3:



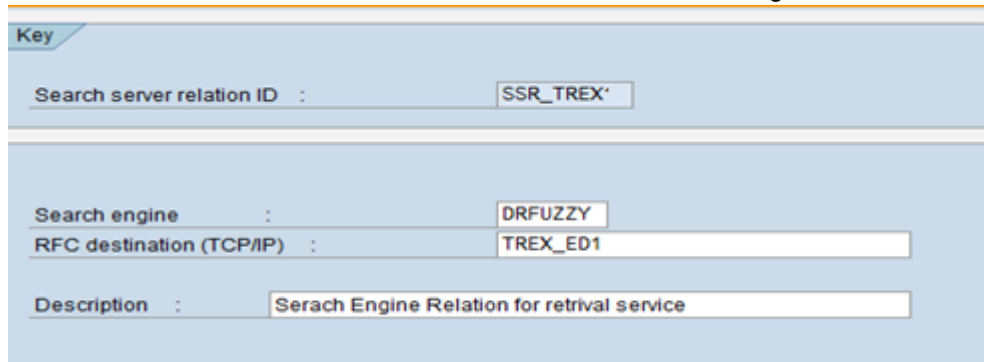
### Configuration Steps:

In order to overcome these errors we need to configure the following steps:

- 1) Ask the basis team to create an RFC between TREX and eRec Server
- 2) The content server settings:  
Go to SICF Tcode and go the path "/default\_host/sap/bc/" and select the service name "contentserver" and maintain external alias and maintain the logon Data with User name. The user should have access to the Role "SAP\_RCF\_CONTENT\_SERVER" and the user should be service user. Maintain all these settings.
- 3) Now execute Tcode SRMO -> Click on "Create SSR" button.



Now click on Create SSR as shown above and enter the following details



After this now we see the following screen and in the status column it would be in green light.

## Retrieval : Search Server Relation Monitor

Maintain RFC Destination		Change Destination		Change Status		Display	
Search Server Relation				RFC Destinations		Index Category (Index)	
Search ser...	R	S...	S	Status		Search e...	No
SSR_TREX	I	001	A	ACTIVE	OO	DRFUZZY	0
SSR_TREX	S	002	A	ACTIVE	OO	DRFUZZY	0

Now do the connection test for both of the Search Server ID.

Search server ID :

Action :

Counter :

RFC destination :








Result from connection text : OO ■ Link made



Version info for RFC server :

Version info for search engine:

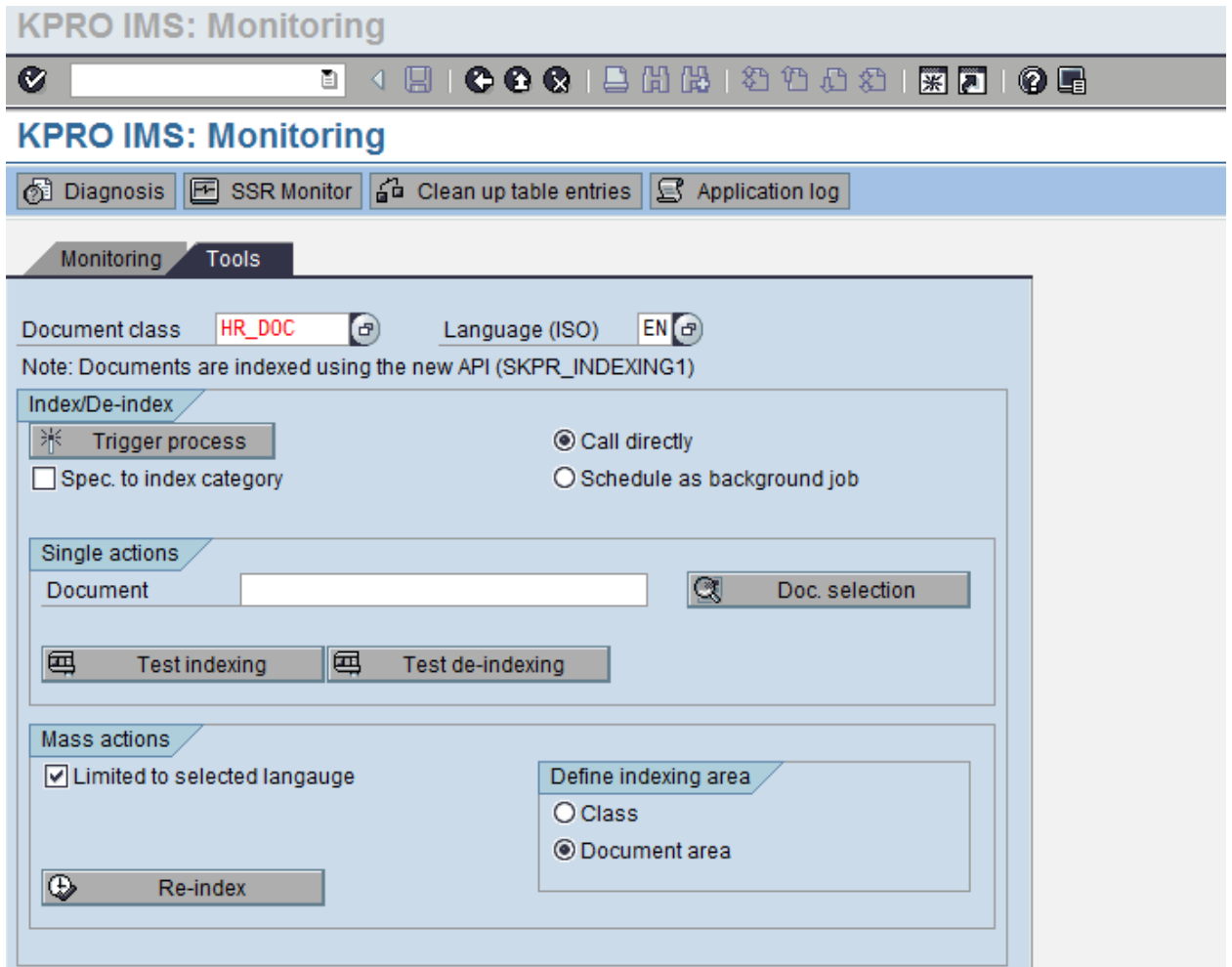
- 4) Now we need to enable the document area HR\_DOC and HR\_KW for indexing by the search engine. Go to transaction SPRO to open the customizing screen. Then open the customizing for SAP E-Recruitment -> Technical Settings -> Search Engine -> Setup Access to document

## Change View "Maintenance View for Index Activation of Document

New Entries       

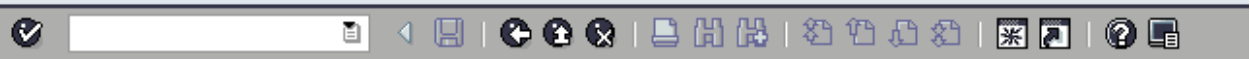
Maintenance View for Index Activation of Document Area					
Doc. Area	Index Release	Classify	Search Srv	Descriptn	
ARCHLINK	<input type="checkbox"/>	<input type="checkbox"/>		ArchiveLink	
BDS	<input type="checkbox"/>	<input type="checkbox"/>		Business Document Service	
BW	<input type="checkbox"/>	<input type="checkbox"/>		Business Information Warehou	<input type="checkbox"/>
DATAARCH	<input type="checkbox"/>	<input type="checkbox"/>		Data Archiving	
DMS	<input type="checkbox"/>	<input type="checkbox"/>		Document Management System	
DMS2	<input type="checkbox"/>	<input type="checkbox"/>		Document Management System	
FILESYSTEM	<input type="checkbox"/>	<input type="checkbox"/>		File System	
HCM_TMC	<input type="checkbox"/>	<input type="checkbox"/>			
HR_DOC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SSR_TREX	Document Repository for HR OI	
HR_KW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SSR_TREX	Document Repository for HR OI	
IWBASAP	<input type="checkbox"/>	<input type="checkbox"/>		AcceleratedSAP	
IWBHELP	<input type="checkbox"/>	<input type="checkbox"/>		Documentation	
IWMISC	<input type="checkbox"/>	<input type="checkbox"/>		Management	
IWRNR3TRAN	<input type="checkbox"/>	<input type="checkbox"/>		Translation of non-R/3 texts	

- 5) Now execute the Tcode SKPR07.  
 Select the following entries as shown below and click on "Clean up Table Entries" button



Now after the above step follow as per the below screenshot, Uncheck the “limited to selected language” and click on “Re-Index” button. Now click the “Trigger Process” button.

## KPRO IMS: Monitoring



### KPRO IMS: Monitoring

Diagnosis
SSR Monitor
Clean up table entries
Application log

Monitoring
Tools

Document class 
 Language (ISO)

Note: Documents are indexed using the new API (SKPR\_INDEXING1)

**Index/De-index**

Trigger process
  Call directly

Spec. to index category
  Schedule as background job

**Single actions**

Document

**Mass actions**

Limited to selected language

**Define indexing area**

Class
   
 Document area

**Extras**

**Information about**



Once the indexing is completed then you will get the successful message.

Document area HR\_KW  
 Index category 493F3CB3D2B76F6AE1000000AC138341

Cl.	Lang.	#Index	#Deindex	#Repeat	#Errors
200	DE	2	2	0	0
200	EN	2	2	0	0
200	FR	2	2	0	0
200	IT	2	2	0	0
200	NL	2	2	0	0
200	PT	2	2	0	0
200	ES	2	2	0	0

Start: 11.12.2008 10:50:19,9220490  
 End : 11.12.2008 10:51:51,8244110

- Now we shall set up the indices of SES Business Objects  
 Execute Tcode SES\_ADMIN and create the following Indexes  
 Go to the menu bar and select the "Create/Activate Index" by selecting "Index" button  
 Create the following indexes

Bus.Object	Obj. Ty.	Description	A	Last Index	Start Time	End Time	Status	Number of Objects	Queue: In Process	Queue: Errors	Optimized
AES_DOC	0000000		X		00:00:00	00:00:00	0 - Initial				
AES_DOC	0000010		X		00:00:00	00:00:00	0 - Initial				
ERC_CAND	NA	Candidate	X	05.09.2010	10:21:29	10:21:40	3 - Compl	36			35
ERC_CAND	NA	Relation of Candidate	X	05.09.2010	10:21:34	10:21:34	3 - Compl	8			8
ERC_CDCY	NE	Candidacy	X	05.09.2010	10:21:38	10:21:38	3 - Compl	8			7
ERC_CDCY	NE	Relation of Candidacy	X	05.09.2010	10:21:42	10:21:42	3 - Compl	14			14
ERC_REQ	NB		X	05.09.2010	10:21:45	10:21:45	3 - Compl	3			2
EXT_POST	NC		X	05.09.2010	10:21:47	10:21:50	3 - Compl	2			2
INT_POER	NC		X		00:00:00	00:00:00	0 - Initial				

- Once all the above settings are done now again execute the Webdynpro service "ERC\_A\_SEARCH\_SETTS"

## Result of Check of Settings for Search

Result of Check of KPro Settings for Search		
Status	Category	Information about Search Setting
○○●	Basic Settings	External alias is maintained for CONTENTSERVER
○○●	Basic Settings	Indexing for document area HR_KW active
○○●	Index Category	For Search Server Relation SSR_TREX, RFC connection TREX_ED1 is defined
○○●	Index Category	For document area HR_KW, index category DFB40AFBF53866F187A7001B24A2EE00 was found
○○●	Index Category	For index category DFB40AFBF53866F187A7001B24A2EE00, Search Server Relation SSR_TREX is defined
○○●	Index Category	RFC connection TREX_ED1 for Search Server Relation SSR_TREX is active
○○●	KPro Attributes	HR_APPLICATION is selected for indexing for KPro
○○●	KPro Attributes	HR_OBJECT_ID is selected for indexing for KPro
○○●	KPro Attributes	HR_OBJECT_TYPE is selected for indexing for KPro
○○●	KPro Attributes	HR_STATE is selected for indexing for KPro
○○●	KPro Attributes	hr_application is defined for TREX
○○●	KPro Attributes	hr_object_id is defined for TREX
○○●	KPro Attributes	hr_object_type is defined for TREX
○○●	KPro Attributes	hr_state is defined for TREX

## Result of Check of Settings for Search

Result of Check of SES Settings for Search		
Status	Category	Information about Search Setting
○○●	SES	Index for SES business object AES_DOC/00000100 is active
○○●	SES	Index for SES business object ERC_CAND/NA is active
○○●	SES	Index for SES business object ERC_CDCY/NE is active
○○●	SES	Index for SES business object ERC_REQ/NB is active
○○●	SES	Index for SES business object EXT_POST/NC is active
○○●	SES	Index for SES business object INT_POER/NC is active
○○●	SES	Join index for SES business object ERC_CAND/NA is active
○○●	SES	Join index for SES business object ERC_CDCY/NE is active
○○●	SES	RFC connection TREX_ED1 is maintained for SES business objects
○○●	SES	Relation index for SES business object ERC_CAND/NA is active
○○●	SES	Relation index for SES business object ERC_CDCY/NE is active

## Related Content

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[www.sdn.sap.com](http://www.sdn.sap.com)

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