

*How to index IBM Connection in Portal
environment*

Summary

AUTHORS.....	2
ABSTRACT.....	2
CONTENT.....	2
CONFIGURATION STEP.....	3

Authors

Andrea Fontana
IBM Champion for WebSphere
DeveloperWorks Contributor Author
can be contact ed at : a.fontana@net2action.com

Abstract

Search Service is a live search and uses REST to search on a target information source and fetch the matching results.

IBM Connections and WebSphere Portal integration uses RCSS to use the ATOM/REST APIs exposed by IBM Connections.

This approach correlates a relevance score for IBM Connections content with the Portal relevance score. It is a federated approach where the search is federated between Portal and IBM Connections instances.

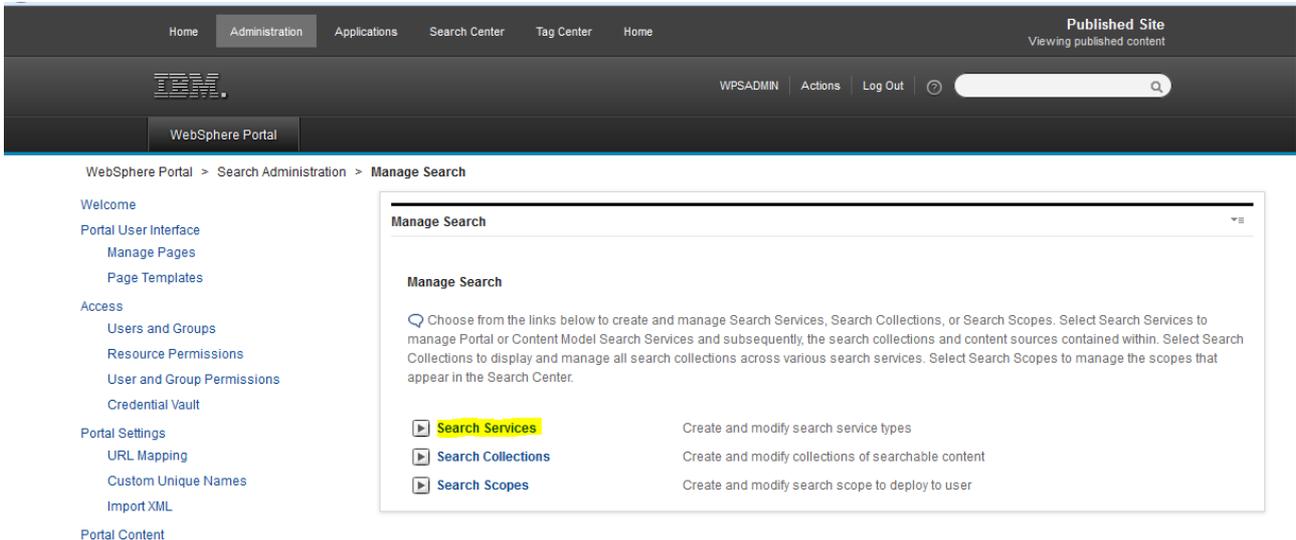
Content

How to configure [search using Remote Content Server Search Service Type \(RCSS\) in WebSphere Portal to indexing IBM Connections data](#)

Configuration Step

Consider that RCSS search is not supported when your deployment is configured to use Tivoli® Access Manager and SPNEGO or Computer Associates' SiteMinder and SPNEGO.

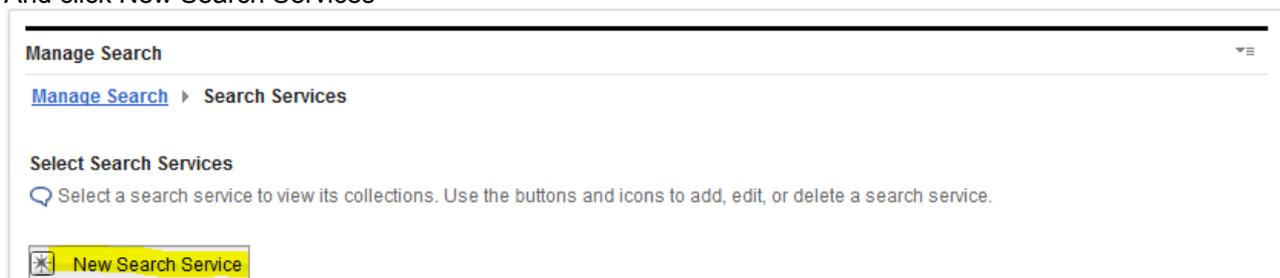
Open Portal Administration page and go to **Manage Search** and open **Search Services**



Click the **Administration** link in the header of the portal page.

- In the Manage Search section, click **New Search Service**.
- Name the service appropriately so that it is easily identifiable, provide this value in the **Service Name** field.
- Configure the search service using the following parameters. Possible values for the parameters are provided in the Parameter Value column.

And click New Search Services



Configure following parameter

Parameter Key	Parameter Value
---------------	-----------------

SearchRequestUrl	/atom/search/results
RestServiceUnSecureUrl	/search
ContentType	RemoteContent
QueryParam	includeField=wikiLabel&includeField=pageLabel&includeField=community_id&query
IgnoreAllSourcesSearch	false
RestServiceSecureUrl	/search
StartParam	start
AllSourcesParam	scope
QueryLangParam	queryLang
DisplayProviderId	ConnRCSS
RequestLocaleParam	locale
LocationParam	scope
RequestLocationType	/atom/scopes
RestServiceUnSecurePort	80
RestServiceSecurePort	443
RestServiceHost	<connection.mysite.com>

<connection.mysite.com> se to your FQDN of Connections

Now if all setting without error you can find in Search Collection

Manage Search ☰

Manage Search

🗨 Choose from the links below to create and manage Search Services, Search Collections, or Search Scopes. Select Search Services to manage Portal or Content Model Search Services and subsequently, the search collections and content sources contained within. Select Search Collections to display and manage all search collections across various search services. Select Search Scopes to manage the scopes that appear in the Search Center.

- [Search Services](#) Create and modify search service types
- [Search Collections](#) Create and modify collections of searchable content
- [Search Scopes](#) Create and modify search scope to deploy to user

new collections self created

Manage Search ☰

[Manage Search](#) > Collections from All Services

Search service: Collections from All Services ▾

Search Collections

Use buttons and icons to add, edit, or delete a collection.

New Collection Refresh

Page 1 of 1			
Search Collection	Collection Description	Service	Documents
DefaultRemoteContentServerCollection		Remote IC service	
Default Search Collection		Default Search Service	119 🔍 📄 🗑️
WHUS		Remote PSE service SOAP	80 🔍 📄 🗑️
Page 1 of 1			

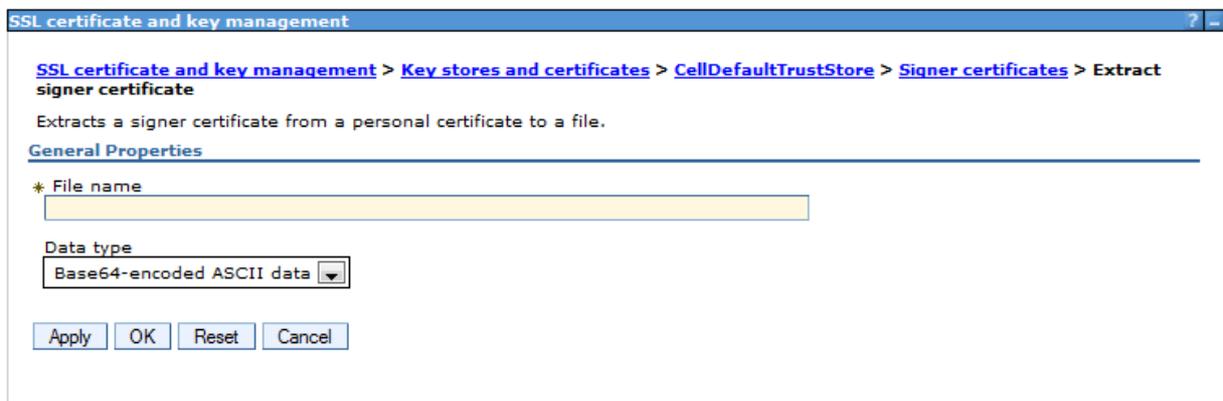
Now we must import a connections certificate because this service does not use the key store managed by WebSphere Application Server.

To import you must execute following step:

1. Connect to the Websphere Application Integrated Console on Portal
2. Navigate to: Security > SSL certificate and key management > Key stores and certificates
3. Select:
 - CellDefaultTrustStore for a clustered environment
 - NodeDefaultTrustStore for a standalone environment
4. Select Signer certificates, then check the box next to the SSL certificate imported from the Connections server from the *Importing a certificate to support SSL* section and then click the Extract button.



- Specify a location and file name for the certificate in the File name field with a .cer extension, For example: C:\connections_ihs.cer
This will extract the certificate to the file system of the server running WebSphere Portal.



- Start the IBM Key Management tool by navigating to [WebSphere_Home]\AppServer\bin and executing ikeyman.bat (Windows) or ./ikeyman.sh(Linux)
- Open the cacerts file as a JKS key database file. The file is located in the [AppServer_root]/java/jre/lib/security directory.
The password is **changeit**
- Add the certificate file that you just saved in Step 5 to the key database file cacerts
- Click OK, and give the signer certificate a name.
- Close the IBM Key Management tool and restart WebSphere Portal

Now if all configuration is completed without error you can find Scope of Connections search open "Search Scope"

Manage Search ☰

Manage Search

Choose from the links below to create and manage Search Services, Search Collections, or Search Scopes. Select Search Services to manage Portal or Content Model Search Services and subsequently, the search collections and content sources contained within. Select Search Collections to display and manage all search collections across various search services. Select Search Scopes to manage the scopes that appear in the Search Center.

- [▶ Search Services](#) Create and modify search service types
- [▶ Search Collections](#) Create and modify collections of searchable content
- [▶ Search Scopes](#) Create and modify search scope to deploy to user

and click New Scope

Manage Search ☰

[Manage Search](#) ▶ [Search Scopes](#)

Select Search Scopes

Select a search scope to modify its referenced content sources and types. Use the buttons and icons to add, edit, reorder, or delete a scope.

Page 1 of 1			
Scope Name	Scope Description	Status	
All Sources	All Sources accessible by the user	Active	<input type="checkbox"/> <input type="checkbox"/>

Select Location

All locations are included in this scope unless you select specific one

Location
There are no entries to display.

In order to set names and descriptions you have to create the scope first and then edit the scope

* Required field

and now you can configure Search Scope on Connections Data

