

Prepare Domino LDAP directory for integration with WPS

In order to leverage WPS for surfacing domino applications (e.g. mail), you should tell the server to use the domino directory for account lookups and authorization/authentication. In order for this to be done, LDAP lookups to domino must be initiated. Before we get to that point, we must get the Domino LDAP directory “ready” for WPS’ requirements.

Groups and Users

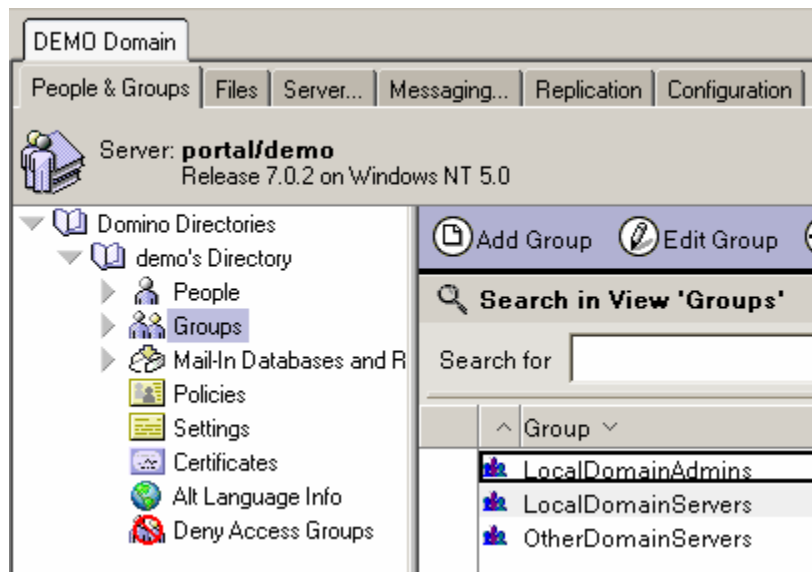
There are four specific groups required in your LDAP directory for WPS to function.

- WPSADMINS
- WCMADMINS
- WPSCONTENTADMINISTRATORS
- WPSDOCREVIEWER

Create the Groups

Start the **Domino server** and **launch the administration client**.

Then Navigate to the "**PEOPLE AND GROUPS**" tab and click on **GROUPS**.



Click on **ADD GROUP** and create a group called **WPSADMINS**. There are no members as yet.

Multi-purpose group: WPSADMINS

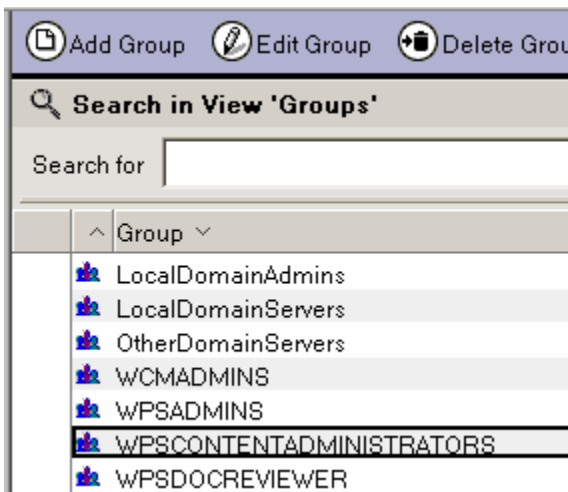
Basics | Comments | Administration

| | |
|-------------------|--|
| Basics | |
| Group name: | WPSADMINS |
| Group type: | Multi-purpose |
| Category: | |
| Description: | This is a group used for WPS Integration. It is the Portal Server Administration group (members will have admin rights to Portal Server) |
| Mail Domain: | |
| Internet Address: | |
| Members: | |

Click on **SAVE AND CLOSE** and repeat the process for each of the following:

- WCMADMINS
- WPSCONTENTADMINISTRATORS
- WPSDOCREVIEWER

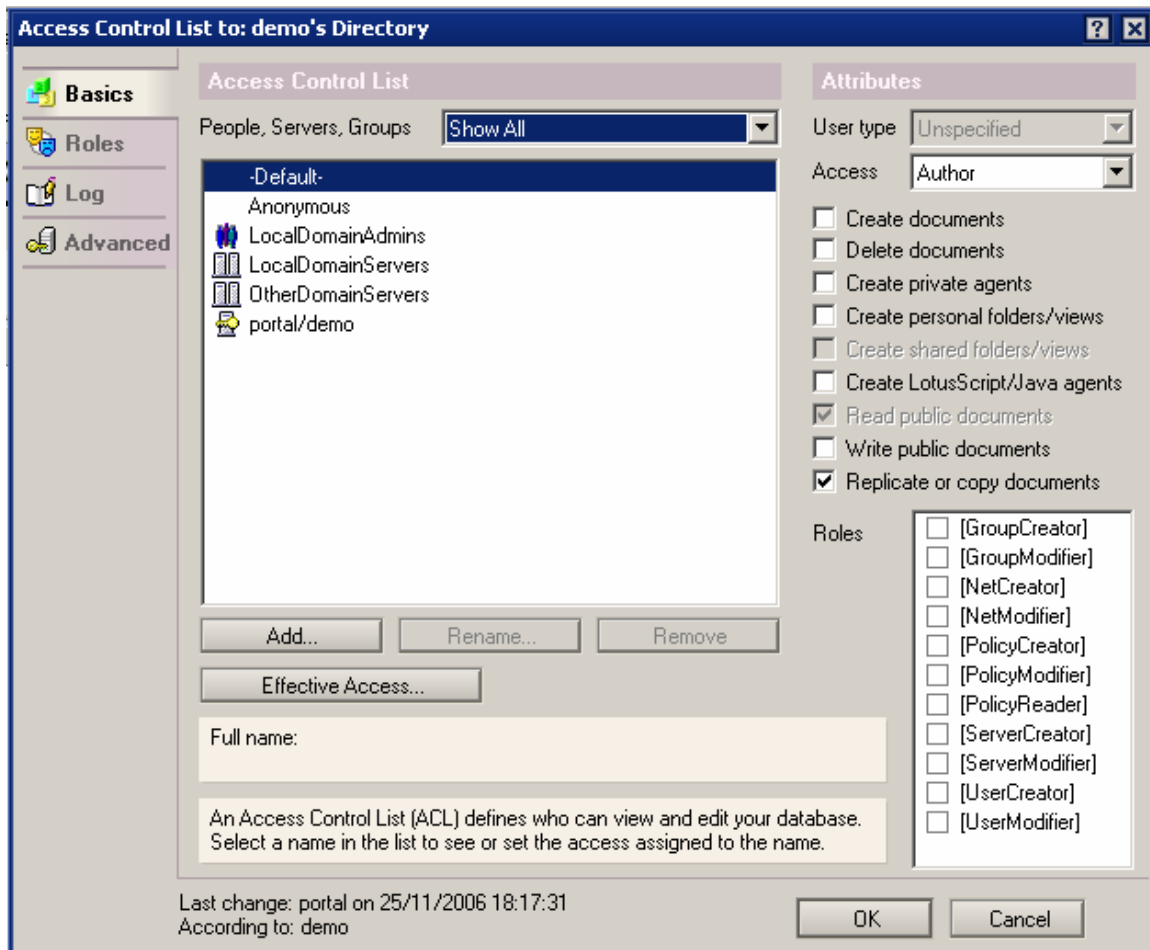
There will be no members yet. You should have the following:



Modify the ACL of the Domino Directory

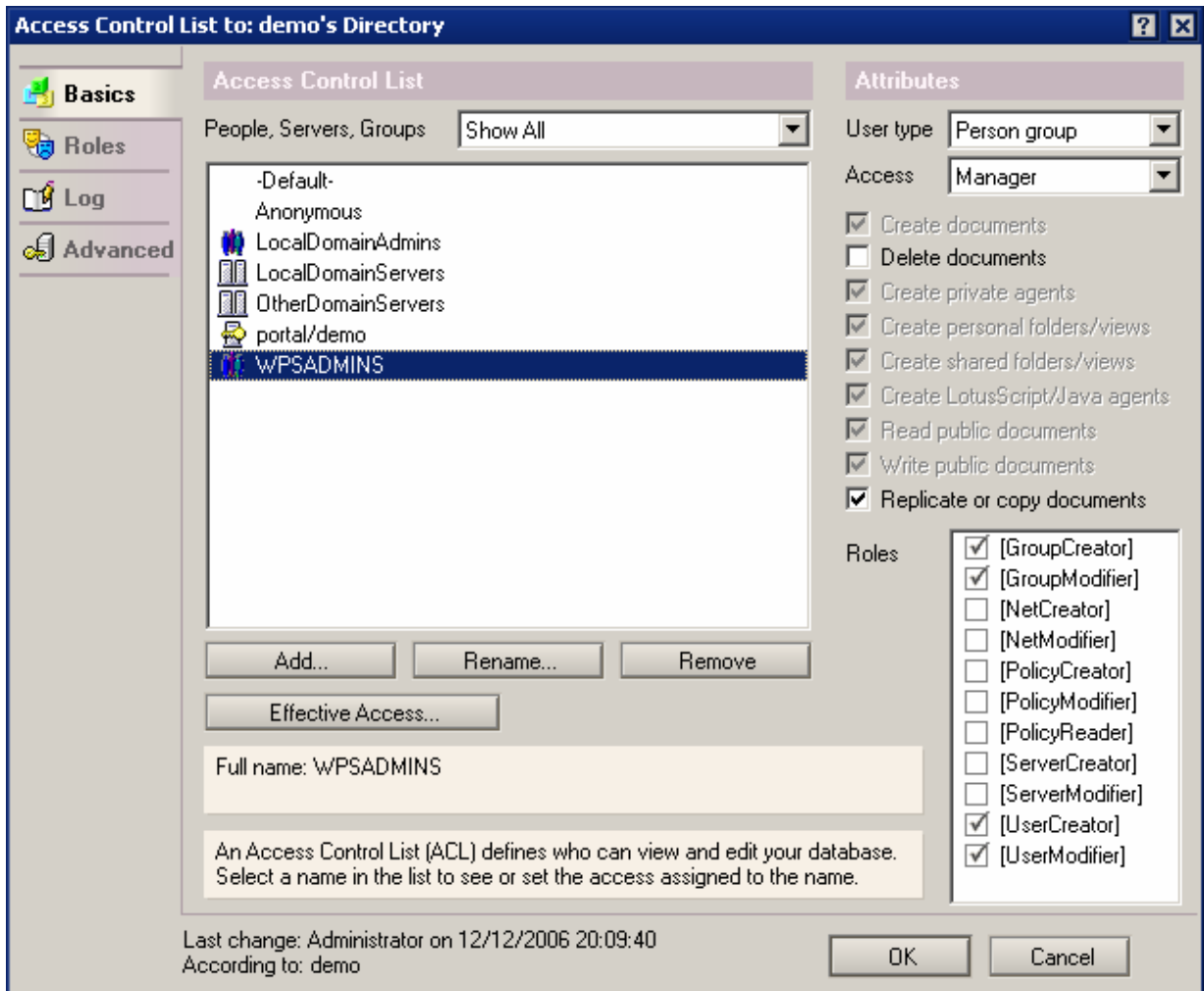
Select a group document in the view and click on **FILE/DATABASE/ACCESS CONTROL**.

The ACL of the Domino Directory should appear.



Click on **ADD** and add the **WPSADMINS** group to the ACL. This group should have **Manager access with the following roles assigned**

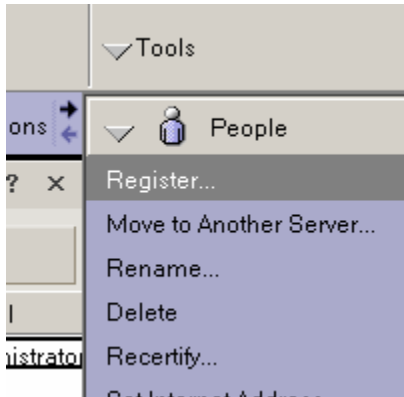
- **UserCreator**
- **UserModifier**
- **GroupCreator**
- **GroupModifier**



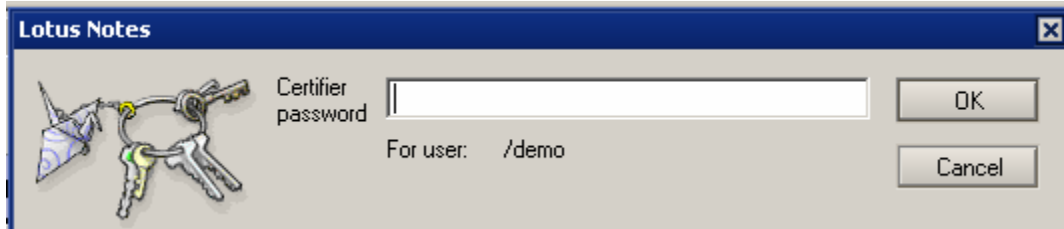
Click on OK

Register some Users

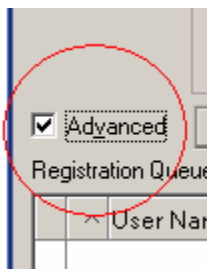
Click on the **PEOPLE VIEW** and click on **TOOLS/PEOPLE/REGISTER**



Enter the password for /DEMO. It is lotusnotes.



The register person dialog box will open. **Check the ADVANCED checkbox** on the bottom left of the screen:



We have configured a policy to simplify the registration process.
Register a user with the following settings:

BASICS TAB

| Field | Value |
|-----------------------------------|-------------------|
| First Name | -blank- |
| Middle name | -blank- |
| Last name | Wpsadmin |
| Short name | Wpsadmin |
| Password | lotusnotes |
| Mail System | Domino Web Access |
| Enable roaming for this person | Unchecked |
| Create a Notes ID for this person | Checked |

Register Person -- New Entry

Provide name, password and other basic information for the new person. To view/edit additional registration settings, check the 'Advanced' checkbox below.

Registration Server... portal/demo

First name: Middle name: Last name: Short name:
 wpsadmin wpsadmin

Password: Mail system: Explicit policy:
 lotusnotes Domino Web Access (None Available)

Password Options... Organization policy: */demo

Enable roaming for this person
 Create a Notes ID for this person

Advanced Policy Synopsis...

New Person Migrate People... Import Text File... [OK] [Cancel]

Registration Queue (local):

| ^ User Name ^ | ^ Registration Status ^ | Date ^ |
|---------------|-------------------------|--------|
| | | |

Register All Register Delete Options... Views... Done

Mail Tab

| Field | Value |
|---------------------------|-----------------------|
| Mail System | Domino Web Access |
| Mail Server | Portal/Demo |
| Mail file name | -default- |
| Create file in background | Unchecked |
| Mail file owner access | Manager |
| Mail file template | DOMINO WEB ACCESS (7) |
| Create Full text index | Checked |
| Set database Quota | Unchecked |
| Set warning Threshold | Unchecked |

Register Person -- New Entry

Basics

Mail system: Domino Web Access

Mail Server... portal/demo

Mail

Mail file name: mail\wpsadmin

Mail file template: Domino Web Access (7)

Create file in background

Mail file owner access: Manager

Mail File Replicas... About... dwa7.ntf

Create full text index

Set database quota 0 MB

Set warning threshold 0 MB

Advanced

New Person Migrate People... Import Text File... [OK] [Cancel]

Registration Queue (local):

| User Name | Registration Status | Date |
|-----------|---------------------|------|
| | | |

Register All Register Delete Options... Views... Done

Address Tab

| | |
|---------------------|--|
| Internet Address | wpsadmin@demo.local |
| Internet Domain | Demo.local |
| Address name format | firstName LastName |
| Seperator | Dot |

Register Person -- New Entry [?] [X]

Basics | Mail Internet Address Information

Mail | Internet address: | Internet Domain:

Address | Address name format: | Separator:

ID Info | **Groups** | **Roaming** | **Other**

Supply internet address format settings for the selected people or person. The Internet address is created using the person's name, the internet domain and internet address format components. It must be unique in the address book.

Advanced | | | | |

Registration Queue (local):

| ^ | User Name ^ | Registration Status ^ | Date ^ |
|---|-------------|-----------------------|--------|
| | | | |

| | | | |

ID Info Tab

| Field | Value |
|-----------------------------------|------------------------------|
| Create a Notes ID for this person | Checked |
| Certifier ID | /DEMO |
| Certificate expiration date | -default- |
| Public Key specification | Compatible with all releases |
| License type | North American |
| In Domino directory | Checked |
| In fie | Unchecked |
| In mail file | Checked |
| | |

Register Person -- New Entry

Create a Notes ID for this person
 Use CA process

Certifier ID Information

Certifier ID: /demo

Certificate expiration date: 29/11/2008 16:27:59

Public key specification: Compatible with all releases (630 Bits)

License type: North American

Location for storing user ID

In Domino directory
 In file: Set ID File... C:\Program Files\lotus\...\ids\people\wpsadmin.id
 In mail file

Advanced

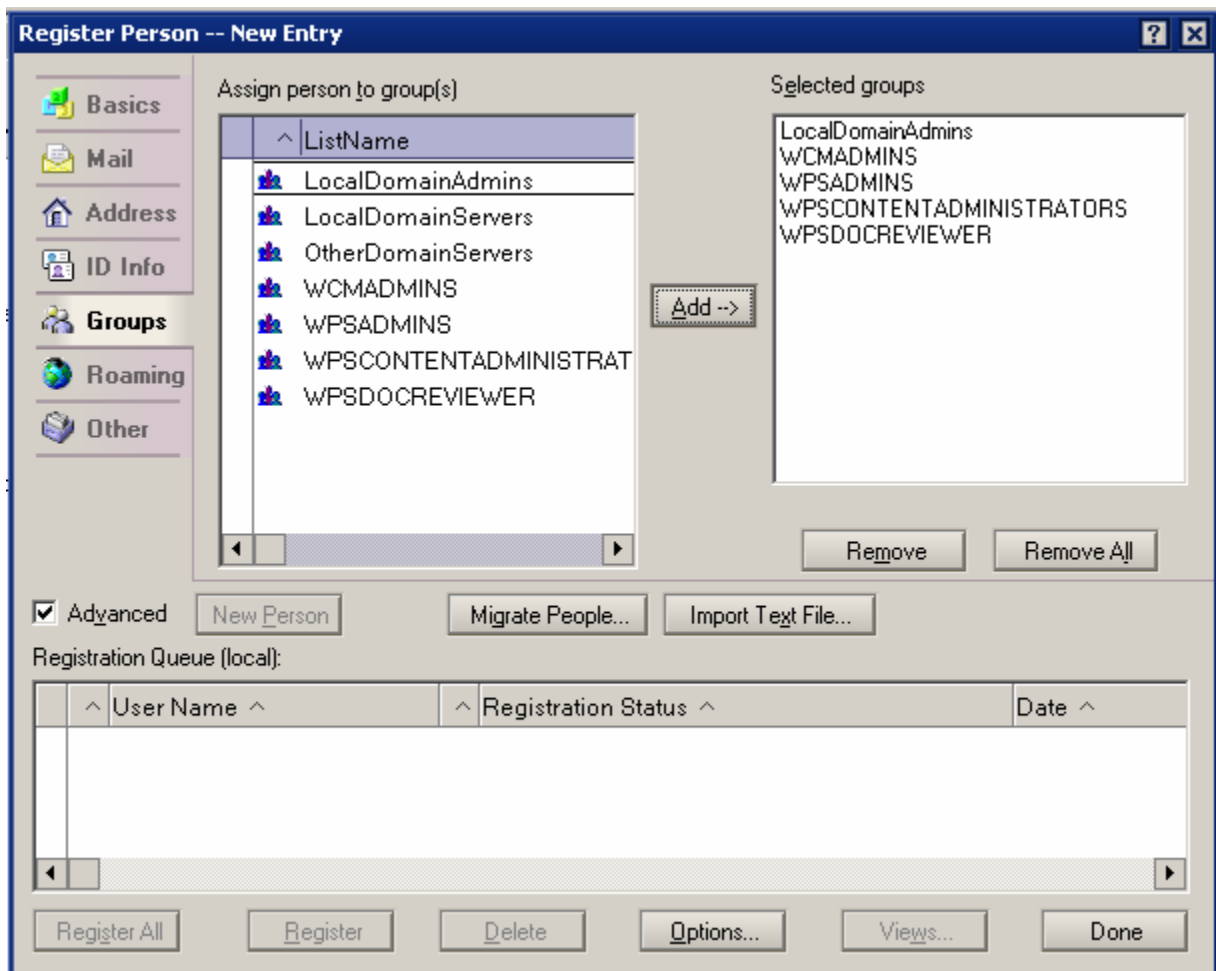
Registration Queue (local):

| User Name | Registration Status | Date |
|-----------|---------------------|------|
| | | |

Groups tab

Add users to the following groups

- LOCALDOMAINADMINS
- WPSADMINS
- WCMADMINS
- WPSCONTENTADMINISTRATOR
- WPSDOCREVIEWER

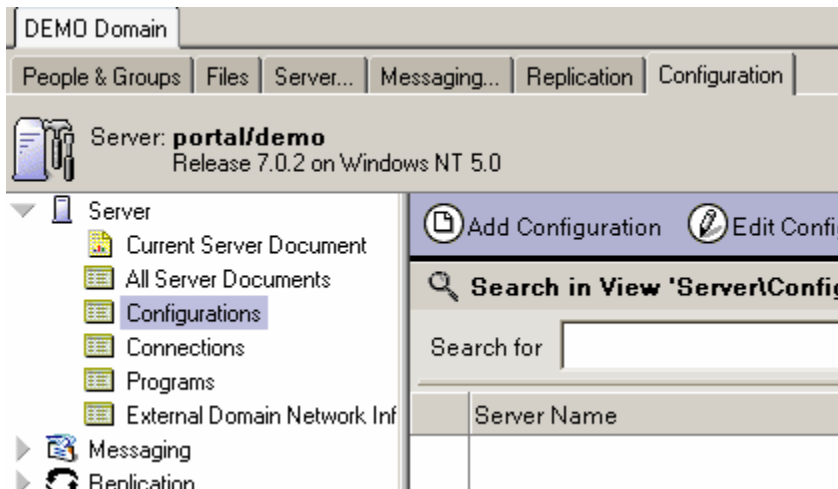


Leave ROAMING and OTHER tabs as default.

Select the and click on **REGISTER ALL**. You will be notified when the user is registered. Click on **DONE** to complete.

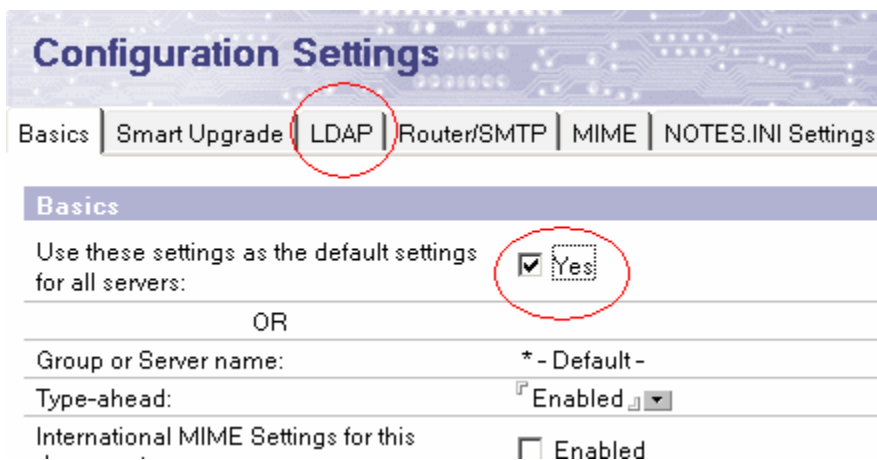
Create a default configuration document

Go to the **CONFIGURATION** tab of the administration client. Click on the **SERVER** view and the **CONFIGURATIONS** view.

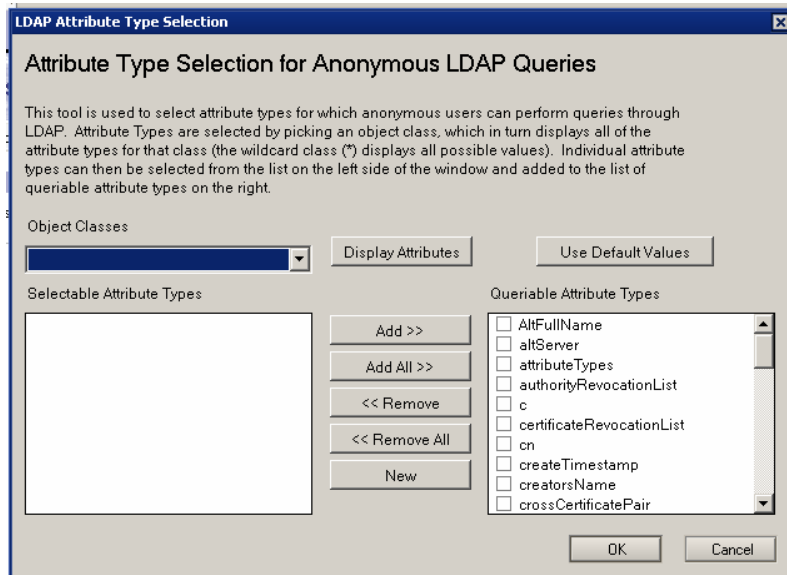


Click on **ADD CONFIGURATION**.

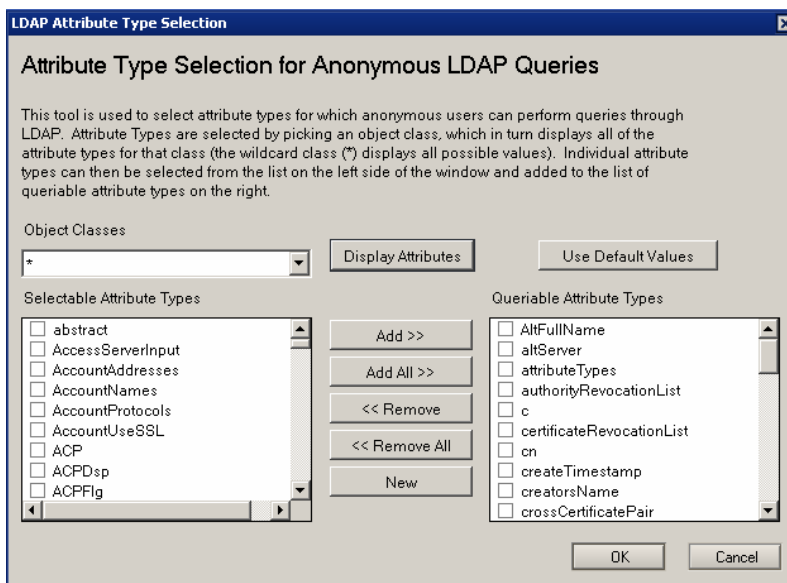
Check the option for "**USE THESE SETTINGS AS THE DEFAULT SETTINGS FOR ALL SERVERS**". You should see and LDAP tab appear as the third tab.



Go to the **LDAP** tab and Choose **SELECT ATTRIBUTE TYPES**. The LDAP ATTRIBUTE TYPE SELECTION screen appears.



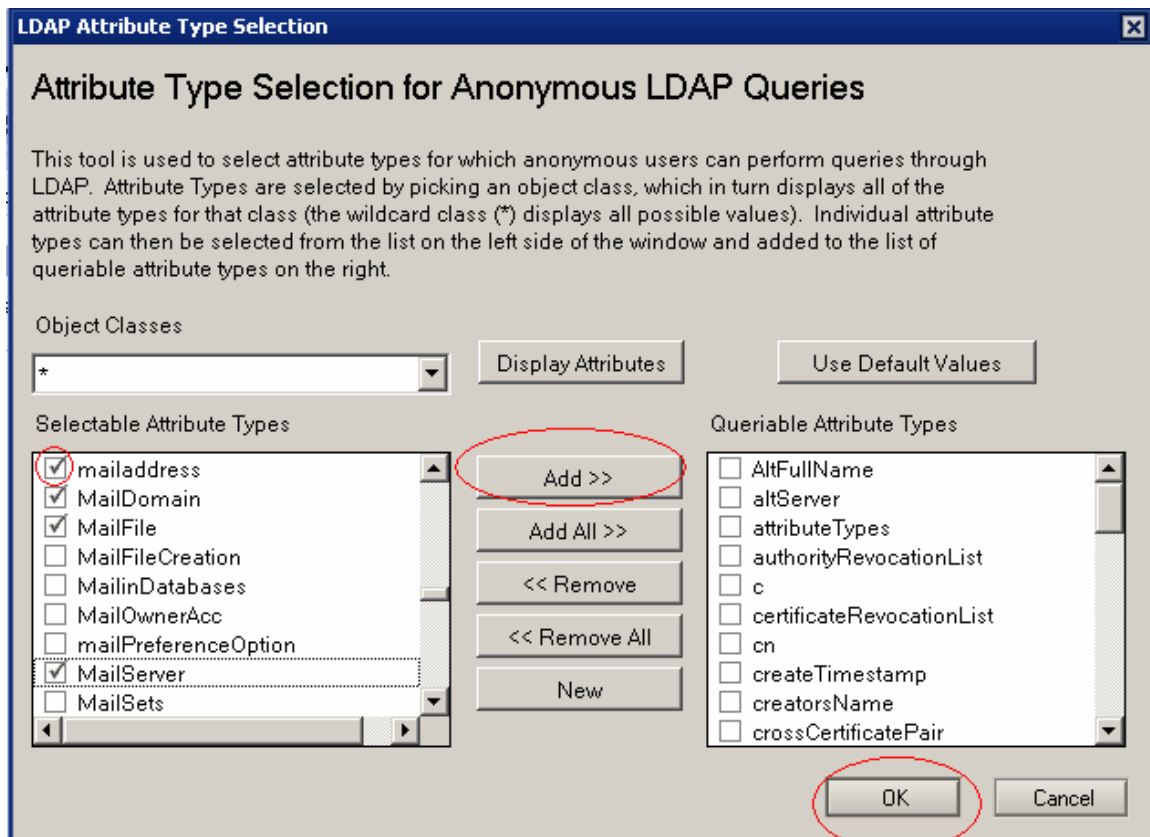
Click on the drop down arrow on the left and select the "*" and then click on **DISPLAY ATTRIBUTES**. All fields should appear on the left.



Select the following Attribute Types on the LEFT and ensure they are added to the QUERIEABLE ATTRIBUTE TYPES list on the RIGHT by click on the **ADD>>** button.. This means we are extending the basic LDAP attributes available for querying to include attributes that will be needed for WPS to select options dynamically (e.g. mail file)

Add the following attributes:

- Host
- HTTP-HostName
- HTTP-port
- Mail
- mailAddress
- mailDomain
- MailFile
- MailServer
- netaddress
- Sametime
- Sametime server



Then click on ok. Your listing should look like the following picture now:

Save & Close Cancel

Choose fields that anonymous users can query via LDAP:

Select Attribute Types

Anonymous users can query:

Domino Designer

LDAP Attribute Types:

AltFullName
altServer
attributeTypes
authorityRevocationList
c
certificateRevocationList
cn
createTimestamp
creatorsName
crossCertificatePair
dc
deltaRevocationList
ditContentRules
dominoCertificate
dominoUNID
extendedAttributeInfo
extendedClassInfo
givenName
host
HTTP-HostName
HTTP-Port
l
ldapSyntaxes
Location
mail
mailAddress
MailDomain
MailFile
MailServer
member
modifiersName
modifyTimestamp
namingContexts
NetAddresses
o
objectClass
objectClasses
ou
publicKey
Sametime
SametimeServer

Domino Fields:

AltFullName
altServer
attributeTypes
authorityRevocationList
OfficeCountry
certificateRevocationList
cn
createTimestamp
creatorsName
crossCertificatePair
dc
deltaRevocationList
ditContentRules
Certificate
dominoUNID
extendedAttributeInfo
extendedClassInfo
FirstName
host
HTTP_HostName
HTTP_Port
OfficeCity
ldapSyntaxes
Location
InternetAddress
mailAddress
MailDomain
MailFile
MailServer
Members
modifiersName
modifyTimestamp
namingContexts
NetAddresses
o
Type
objectClasses
ou
publicKey
Sametime
SametimeServer

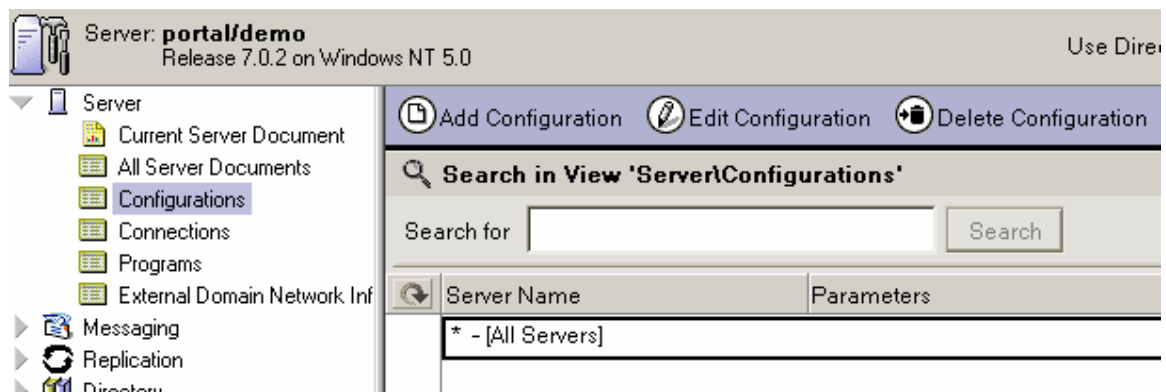
Further down on the LDAP tab, ensure the following is done:

ALLOW LDAP USERS WRITE ACCESS – set to **YES**

AUTOMATICALLY FULL TEXT INDEX DOMINO DIRECTORY – set to **YES**

| | |
|---|---|
| Allow LDAP users write access: | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Timeout: | <input type="text" value="0"/> seconds |
| Maximum number of entries returned: | <input type="text" value="0"/> |
| Minimum characters for wildcard search: | <input type="text" value="1"/> |
| Allow Alternate Language Information processing: | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Rules to follow when this directory is the primary directory, and there are multiple matches on the distinguished name being compared/modified: | <input checked="" type="radio"/> Don't modify any <input type="radio"/> Modify first match <input type="radio"/> Modify all matches |
| Automatically Full Text Index Domino Directory? | <input checked="" type="radio"/> Yes <input type="radio"/> No |

Click on **SAVE AND CLOSE** and the configuration document is created.



Now **close the administrator client** and **QUIT the domino server**. You have finished configuring the Domino LDAP directory. Next step is to disable the current security in WPS