Abstract

A new feature in Exceed onDemand 8 is the ability to authenticate against any RFC 2307 compliant LDAP server. This document will guide you through the process of configuring Exceed onDemand to use an LDAP server.
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Prerequisites

You should know the Base DN of your LDAP server. If you don’t know, you can use some 3rd party utilities to help you find this information. e.g. ldp.exe

You will also be adding an LDAP user to function as the administrator for the Exceed Connection server so you must know those credentials

Configuring LDAP Settings

Using the Exceed Connection Server Manager, connect to your Exceed Connection Server. From the menu, choose Cluster and then Settings or simply right click on the cluster name and choose Cluster Settings.

Figure 1
The default authentication type is Native. Choose the LDAP radio button and then click on the Settings button to the right.
**Active Directory Server**

Fill in the blanks as shown in Figure 2. You may need to get this information from your LDAP Administrators. For Windows servers you only need to complete the fields up to the Base DN line. Once you have the top section completed you can click on the Test Connection button.

*Figure 2*

For Active Directory servers you only need to specify the common name for the Proxy User. Active Directory will search all containers in the Base DN for this user.

**RFC2307 Compliant LDAP Server**

With other LDAP Servers, there is a slight difference. For the Active Directory server, it is sufficient to specify the common name.

With UNIX based LDAP servers this won’t work. If you try and test the connection you will get an error similar to the one in Figure 3.
If the user information is incorrect or incomplete, you may see this dialogue box.

You have two different options. The first is to specify the complete LDAP name as shown in Figure 4.

For non-Active Directory LDAP serves you will need to specify the full distinguished name for the Proxy User.
The second option is to use some macros to make it a bit easier. Again, you may need to obtain the full name from your LDAP administrator. The @U corresponds to the user name and the @B corresponds to the Base DN. If you have other OU's or containers in the directory structure they can be inserted into the string. If you have multiple containers with users, they can all be specified using semi-colons as separators. e.g. uid=@U,ou=people,@B;uid=@U,ou=sales,@B

Figure 5
Instead of using the distinguished name for the Proxy User, you can use macros for the LDAP User Login DN field to find the user.

Once these fields are completed you can try the Test Connection button.

If everything is configured correctly you will get a pop-up message as seen in Figure 6.

Figure 6
If the test is unsuccessful you should receive a pop-up dialogue box indicating what the problem is. Once the test is successful, you may move on to the next step.

**Selecting an Administrator**

This is to select a new Exceed Connection Server Administrator Account. When you click on the select button, you will then be presented with the Search Users window. Simply enter the user name and it will search all variations of that string. You then simply select the LDAP user who will now be the administrator for your Exceed onDemand cluster.

![Figure 7](image)

**Adding LDAP Users**

By default, when a user connects to the Exceed Connection Server for the first time, they will show up in the Server Manager tree. With LDAP you now have the option of adding them before they connect. This can be useful if you are using “Named” licenses or if the administrator wants to pre-configure any Xstart or Xconfig files for them.

To do this you will either, select User from the menu and then Create User Accounts or right-click on Users in the tree pane and choose Create User accounts.
Click on the Add… button to add new LDAP users to Exceed onDemand.

Click on the Add button and you will see the same Search Users window (Figure 7) you saw when adding the new administrator. You can search for individual users or groups. If you choose a group, all the users in that group will get added to the Users list in the Connection Server tree pane.
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