

Connecting To An LDAP Server

You can manage your AtScale users by connecting the Identity Broker to your organization's LDAP server.



Note: Currently, AtScale only supports connecting to Microsoft Active Directory. You must use Active Directory if you want to use Windows Authentication options (Kerberos or NTLM).



Important: The users defined in your LDAP server are automatically added to the AtScale Identity Broker when they log in for the first time. All users are added to the `everyone` group, which includes the `query_user` role. If you need to add users to other groups or assign them additional roles, you must do so from within the Identity Broker. For more information, see [Managing Users with the Identity Broker](#).

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To connect the Identity Broker to your LDAP server:

1. In AtScale, open the main menu and select **Security**. The Identity Broker opens.
2. Log in using your AtScale admin username and password.
3. Select the **atscale** realm if it is not already selected.
4. In the left-hand navigation, click **User federation**.
5. Click **Add LDAP providers**.
6. Select the **Settings** tab.
7. In the **General options** section, complete the following fields:
 - ▲ **UI display name:** Enter a name to identify the connection to your LDAP server.
 - ▲ **Vendor:** Enter the name of your LDAP vendor; for example, Active Directory.
8. In the **Connection and authentication settings** section, do the following:

1. In the **Connection URL** field, enter the connection URL for your LDAP server. Note that if you have TLS enabled, the port should be `636`; if not, it should be `389`.
 2. Click **Test connection** below the **Connection timeout** field. If the connection is working, a success message appears.
 3. Complete the following fields:
 - ▲ **Bind type:** Select the bind type to use for the connection.
 - ▲ **Bind DN:** Enter the bind DN to use for the connection.
 - ▲ **Bind credentials:** Enter the password for the bind DN.
 4. Click the **Test connection** button below the **Bind credentials** field. If the connection is working, a success message appears.
9. In the **LDAP searching and updating** section, complete the following fields:
- ▲ **Edit mode:** Set this field to **READ_ONLY**.
 - ▲ **Users DN:** Enter the DN for the LDAP tree where your users are defined.
 - ▲ **Username LDAP attribute:** Enter the attribute from your LDAP server to map to the Identity Broker's username attribute.
 - ▲ **RDN LDAP attribute:** Enter the attribute from your LDAP server to map to the Identity Broker's RDN attribute.
 - ▲ **UUID LDAP attribute:** Set this field to **objectGUID**.
10. In the **Synchronization settings** section, enable **Periodic full sync**. This configures the Identity Broker to automatically synchronize its database with users from your LDAP.
 11. Click **Save**.
 12. Test the connection:
 1. Open a new browser window and navigate to your AtScale instance.
 2. Click **Sign In** in the top right corner. The **Sign in to your account** window appears.
 3. Sign in using your LDAP credentials.

Additional Information

After connecting to your Active Directory LDAP server, you can optionally configure Kerberos. For instructions, see [Configuring Kerberos](#).