Some Help With

Add multiple users via LDAP

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> **License:** Ultimate-Cloud
>
> **Relevant for:** Organization owner or Admin

The **LDAP** user provider enables organization owners to set up authentication using a directory service, such as Microsoft Active Directory, OpenLDAP, or OpenDJ, to validate users' credentials. LDAP directories are a standard method for storing user, group, and permission data and integrating that with other applications.

When LDAP is enabled in my.anydesk II, users in your organization can sign in using SSO with the organization ID and their corporate credentials. You can also import LDAP roles into **my.anydesk II** for integrated access control.

> 🦉 For more details on user provider types, see **this article**.

Organization certificates

The **Organization certificates** section lists all certificates associated with your organization. Certificates, typically in `.pem` format, secure the communication between **my.anydesk II** and your **LDAP provider**.

To add a certificate to your organization:

1. Sign in to my.anydesk II and go to **Organization**.
2. Under **General**, click **Edit**, and then select **LDAP** as the user provider.

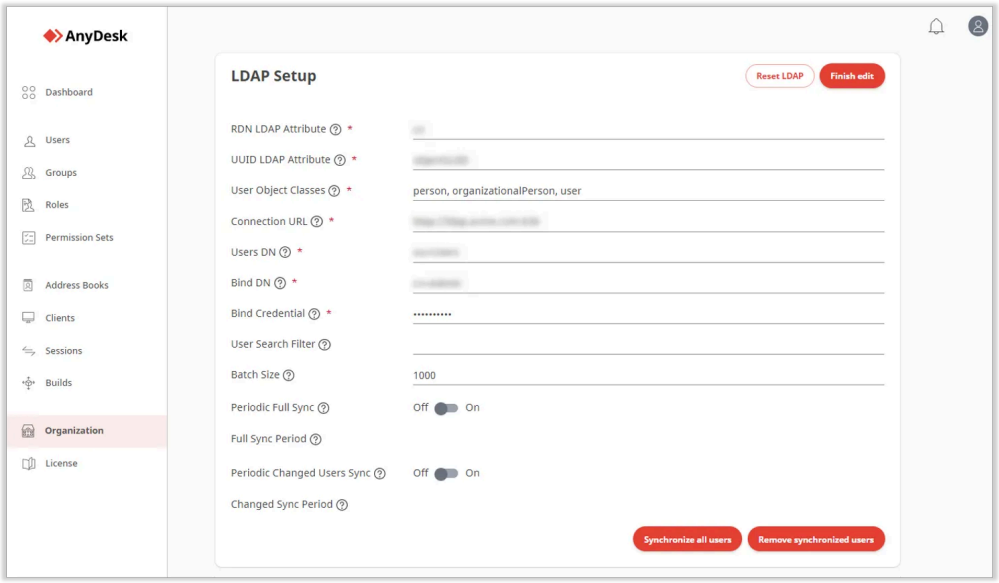
3. In the **Switch active provider** dialog, click **Proceed**.
4. Scroll down to **Organization certificates** and click **Add new certificate**.
5. In the dialog, paste the content of the `.pem` file or drag and drop the file.
6. Click **Add new certificate**.

Configure LDAP

You need to configure your LDAP provider to establish a connection with **my.anydesk II**.

To configure LDAP in my.anydesk II:

1. In my.anydesk II, open the **Organization** tab.
2. Under **General**, click **Edit**, and select **LDAP** as the user provider.
3. In the **Switch active provider** dialog, click **Proceed**.
4. Scroll to **LDAP Setup**, click **Edit**, and provide the following:
    - **RDN LDAP attribute** - attribute used as the top attribute of user DN (often the same as username, e.g. `cn` or `sAMAccountName`).
    - **UUID LDAP attribute** - attribute used as the unique identifier (e.g. `objectGUID`, or `uid` / `entryDN`).
    - **User object classes** - comma-separated classes such as `inetOrgPerson,organizationalPerson`.
    - **Connection URL** - URL of your LDAP server.
    - **Users DN** - base DN where user entries reside (e.g. `ou=users,dc=example,dc=com`).
    - **Bind DN** and **Bind credential** - credentials for LDAP access.
    - **User search filter** - optional LDAP filter for limiting which user entries are retrieved (e.g. `(filtername)`).
    - **Batch size** - number of LDAP entries retrieved per transaction.
    - **Periodic full sync** - toggle on if you want a full sync; then specify **Full sync period** (in seconds).
    - **Periodic changed users sync** - toggle on to sync changed or new users; then set **Changed sync period** (in seconds).



5. Click **Finish edit**.

Once configured, users (subject to any filter applied) from your LDAP directory can sign in to my.anydesk II using the organization ID.

Import roles

You can import LDAP roles into my.anydesk II to manage permissions based on group membership.

1. Go to **Organization**, click **Edit** under **General**, and reselect **LDAP** as the provider.
2. In the **Switch active provider** dialog, click **Proceed**.
3. Scroll to **Import roles**, click **Edit**, and configure:
    - **Roles DN** - base DN under which role objects are located (e.g. `ou-roles,dc=example,dc=org`).
    - **Role name LDAP attribute** - attribute used for role names/RDNs (commonly `cn`).
    - **Role object class** - class(es) of role objects (e.g. `groupOfNames`, or `group` for AD).
    - **LDAP filter** - optional filter to limit which roles are imported; format as `(filtername)` if used.
    - **User roles retrieve strategy** - select one of the following ways of retrieving user roles:
        - *Load roles by 'member' attribute* - query role entries where `member= user DN`.

        - *Get roles from user 'memberOf' attribute* - read roles from the `memberOf` attribute on the user.

    - **Membership attribute type** - select depending on strategy:

        - *DN* (for `member` attribute)
        - *UID* (for `memberUid` attribute)
        - *memberOf* (for using the user's memberOf field)

4. Click **Finish edit**.

After completing this setup, LDAP group assignments are available in my.anydesk II for role-based access control.