

ADMIN CONSOLE > USER MANAGEMENT >

Sync Options and Filters

View in the help center:
<https://bitwarden.com/help/user-group-filters/>

Sync Options and Filters

When configuring the Directory Connector application, you can use a variety of sync options and filters to customize your sync operation and limit the users and/or groups that are processed to your Bitwarden organization.

Available sync options and filter syntaxes are different for each directory server type. Refer to the **Configure sync options** and **Specify sync filters** sections of one of the following articles for help:

- [Sync with Active Directory or LDAP](#)
- [Sync with G Suite \(Google\)](#)
- [Sync with Microsoft Entra ID](#)
- [Sync with Okta](#)
- [Sync with OneLogin](#)

Tip

If you are using the Directory Connector CLI, see [Directory Connector File Storage](#) for help editing your `data.json` configuration file.

Large syncs

Regardless of which directory you are syncing from, use the **More than 2000 users or groups are expected to sync** option to signal to Directory Connector that you are expecting a large number of users or groups:

DIRECTORY

Type
Azure Active Directory

Identity Authority

Tenant
emailaddress.onmicrosoft.com
ex. companyad.onmicrosoft.com

Application Id
application-identifier

Secret Key
.....

SYNC

Interval (in minutes)
5
Minimum sync interval is 5 minutes.

Remove disabled users during sync

Overwrite existing organization users based on current sync settings.

More than 2000 users or groups are expected to sync.

Sync users

User Filter

ex. exclude:joe@company.com

Sync groups

Signal a Large Sync

You may also activate this option directly in the Directory Connector [configuration file \(data.json\)](#) by setting `"largeImport": true`:

Bash

```
"syncConfig": {  
  ...,  
  ...,  
  ...,  
  "largeImport": true  
},"
```

Note

If you don't enable this option, Directory Connector will limit a sync to 2000 users or groups.

Overwriting syncs

Warning

This option is for very specific use-cases or debugging purposes and is disabled by default.

By activating the **Remove and re-add organization users during the next sync** option, every user except one owner user and every group will be removed and re-added by a sync, replacing them with the user list and/or group list that is fetched from the source directory.

DIRECTORY	SYNC
<p>Type</p> <p>Azure Active Directory</p>	<p>Interval (in minutes)</p> <p>5</p> <p>Minimum sync interval is 5 minutes.</p>
<p>Identity Authority</p>	<p><input type="checkbox"/> Remove disabled users during sync</p>
<p>Tenant</p> <p>ex. companyad.onmicrosoft.com</p>	<p><input type="checkbox"/> More than 2000 users or groups are expected to sync.</p>
<p>Application Id</p>	<p><input checked="" type="checkbox"/> Sync users</p>
<p>Secret Key</p>	<p>User Filter</p> <p>ex. exclude:joe@company.com</p>
	<p><input checked="" type="checkbox"/> Sync groups</p>
	<p>Group Filter</p> <p>ex. include:Sales,IT</p>
	<p><input type="checkbox"/> Remove and re-add organization users during the next sync (For debugging purposes) ?</p>

Remove and re-add users during next sync

You may also enable this option directly in the Directory Connector configuration file (`data.json`) by setting `"overwriteExisting": true`:

Bash

```
"syncConfig": {  
  ...,  
  ...,  
  ...,  
  "overwriteExisting": true  
},"
```