

## How to Deploy the CloudGen Access User Directory Connector with Vx

<https://campus.barracuda.com/doc/96766255/>

1. Go to the **Identity > Settings** page in the Console and create a user directory. (See [Add User Directory](#))
2. Copy the enrollment token to the clipboard.
3. Continue with instructions for Entra ID/Google Workspace just below, or [LDAP/Okta](#).

*For Microsoft Entra ID and Google Workspace:*

1. Select **Services > Connector > Configure > Authorize**.
2. Enter the enrollment token.
3. See [Entra ID](#) or [Google Workspace](#) below to continue.

### For Microsoft Entra ID:

You will see something like this example output: (note that the token/code is always unique)

```
>>> /services/connector/configure Select option: Authorize
? Enter enrollment token: http://enterprise.barracuda.com/.....
```

```
2022-09-29 14:34:20 [db](INFO) - Configuring system with local DB
2022-09-29 14:34:20 [main](INFO) - CGA Connector version x.y.z
2022-09-29 14:34:20 [main](INFO) - Initializing with API
api.enterprise.barracuda.com/...
```

Please authorize this connector to access your Entra ID directory information

To sign in, use a web browser to open the page  
<https://microsoft.com/devicelogin> and enter the

code CTLF7GLW2 to authenticate. (Note that this is a sample code)

After providing the code in a browser, you should see a message like this in the backend:

```
Authorization was successful
2022-09-29 14:35:03 [main](INFO) - CGA Connector is terminating
> Authorized successfully, enabling and restarting connector
```

Finally, check the **Settings** page to make sure the sync was successful.

### For Google Workspace:

You will see something like this example output: (note that the token/code is always unique)

```
>>> /services/connector/configure Select option: Authorize
? Enter enrollment token: http://enterprise.barracuda.com/.....
2022-09-29 14:34:20 [db](INFO) - Configuring system with local DB
2022-09-29 14:34:20 [main](INFO) - CGA Connector version x.y.z
2022-09-29 14:34:20 [main](INFO) - Initializing with API
api.enterprise.barracuda.com/...
```

Copy and paste the authorization code. It should return "Authorized successfully".

```
2022-09-29 14:35:03 [main](INFO) - CGA Connector is terminating
> Authorized successfully, enabling and restarting connector
```

Finally, check the **Settings** page to make sure the sync was successful.

### For LDAP and Okta:

1. Select **Services > Connector > Configure > Set**.
2. Set up your required parameters for authentication, including the enrollment\_token. Here are the parameters to set for LDAP:

```
FYDE_LOGLEVEL: debug
FYDE_LDAP_HOST: 10.x.x.x
FYDE_LDAP_PROFILE: ad
FYDE_LDAP_USER_SEARCH_BASE: dc=cga,dc=com
FYDE_LDAP_GROUP_SEARCH_BASE: dc=cga,dc=com
FYDE_LDAP_AUTH_METHOD: simple
FYDE_LDAP_AUTH_USERNAME: administrator@cga.com
FYDE_LDAP_AUTH_PASSWORD:
FYDE_LDAP_USE_STARTTLS: sync
```

Here are the parameters to set for OKTA. Log into Okta and create the token under **Security > API > Tokens**.

```
FYDE_OKTA_AUTH_TOKEN: 'zzz'
```

```
FYDE_OKTA_DOMAINNAME: 'mydomain.okta.com'
```

After setting the parameters, select *Enable* to enable (means the connector will start on boot-up) or *Start to start* (will *not* start automatically on boot-up) the connector.

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