

## How to Configure User Authentication with Azure AD

<https://campus.barracuda.com/doc/73722611/>

If you make setting changes, allow a few minutes for the changes to take effect.

See also: [How to Restore LDAP or Azure AD Directory Services](#)

### Azure Active Directory

Configure recipient verification with Azure Active Directory (AD) to allow end-users to sign in to the Barracuda Email Security Service using their Azure AD credentials. Once logged in, users can view their quarantine messages.

Note: If, when setting up your Office 365 Enterprise applications, you set **Users can consent to apps accessing company data on their behalf** to **No**, users may be unable to log in to the Barracuda Email Security Service without administrator consent. To resolve this issue, reauthorize Azure AD from the **Domain Settings** page in the web interface. See the *Azure Active Directory Authentication* section of [How to Restore LDAP or Azure AD Directory Services](#) for step-by-step instructions on Azure AD reauthorization.

Important: If you are moving from LDAP to Azure AD, you must delete all Barracuda Email Security Service users you created with LDAP before synchronizing to Azure AD.

### Single Sign-On

You can configure Single Sign-On (SSO) for a domain so that authenticated users can access all or a subset of the restricted resources by authenticating just once using their Azure AD credentials. SSO is a mechanism where a single set of user credentials is used for authentication and authorization to access multiple applications across different web servers and platforms, without having to re-authenticate.

The SSO environment protects defined resources (websites and applications) by requiring the following steps before granting access:

- Authentication: Authentication verifies the identity of a user using login credentials.

- Authorization: Authorization applies permissions to determine if this user may access the requested resource.

## Set Up Azure AD Authorization

Complete the steps in this section for each domain you want to synchronize with your Azure AD directory.

1. Log in to <https://login.barracudanetworks.com/> using your account credentials, and click **Email Security** in the left pane.
2. Click **Domains**, and click **Edit** in the **Settings** column for the desired domain.
3. In the **Domains > Domain Settings** page, scroll to the **Directory Services** section, and select **Azure AD**, and click **Save Changes** at the top of the page.
4. Scroll down to the **Status** section, and click **Authorize**.
5. The **Authorize Azure AD** dialog box displays. Click **Continue**.
6. When prompted, log in to your Microsoft Office 365 account using your administrator credentials.
7. In the **Authorization** page, click **Accept** to authorize the Barracuda Email Security Service to connect to your Azure AD directory.
8. In the Barracuda Email Security Service **Domain Settings** page, the **Status** field displays as **Active**; the **Authorized Account** and **Authorization Date** display below the status:

**Directory Services**

You can use either Azure AD or LDAP directory services to enable single sign on and synchronization of users lists.

Type	<input type="radio"/> LDAP <input checked="" type="radio"/> Azure AD <input type="radio"/> None
Status	Active (Revoke Authorization)
	Authorized Account: organizationname.info
	Authorization Date: 3/28/2018, 11:44:24 AM

9. Click **Sync Now** to add your Azure AD users to the Barracuda Email Security Service.
10. The synchronization progress displays; allow the process to complete.
11. In the **Synchronization Options** section, select **Synchronize Automatically**. When selected, the Barracuda Email Security Service automatically synchronizes with your Azure AD directory every 15 minutes and adds/updates your users.  
If you select **Manual**, you must click **Sync Now** to synchronize the Barracuda Email Security Service with your Azure AD directory and add/update users.
12. To use SSO, click **Yes** for **Enable Single Sign On**. Once enabled, users are prompted to log in to their Microsoft Office 365 account when accessing their messages in the Barracuda Email Security Service.
13. Click **Save** at the top of the page to save your settings and return to the **Domains** page.

If you previously set up LDAP authentication with your Barracuda Email Security Service account, your settings are not lost when you select **Azure AD** for a selected domain. Note,

however, turning off Azure AD disables SSO and new users are not synchronized but recipient verification continues to function. For more information, see [How to Restore LDAP or Azure AD Directory Services](#).

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[Directory Services.](#)

## Figures

1. authorization.png
2. authorization.png

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