How to Configure User Authentication with Azure AD

https://campus.barracuda.com/doc/96022972/

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

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 into Email Gateway Defense using their Azure AD credentials. Once logged in, users can view their quarantine messages.

Note: If when setting up your Microsoft 365 Enterprise applications you set **Users can consent to apps accessing company data on their behalf** to **No**, users might not be able to log into Email Gateway Defense 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.

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:

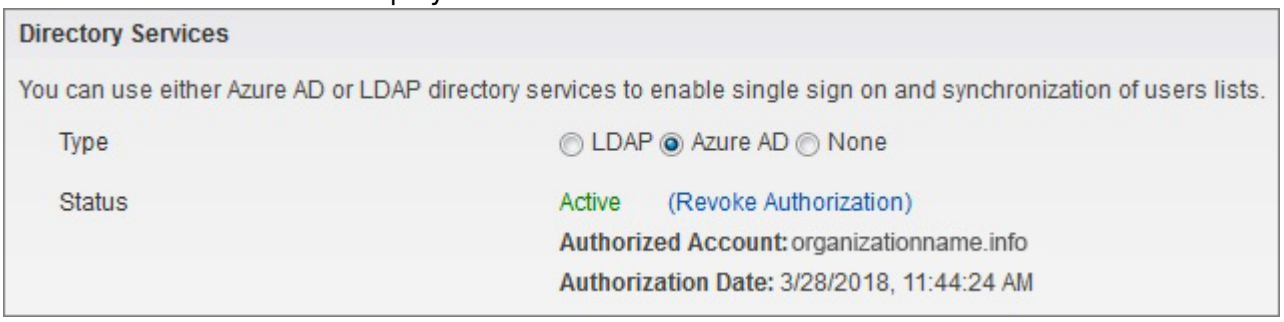
- Authentication: Authentication verifies the identity of a user using login credentials.

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

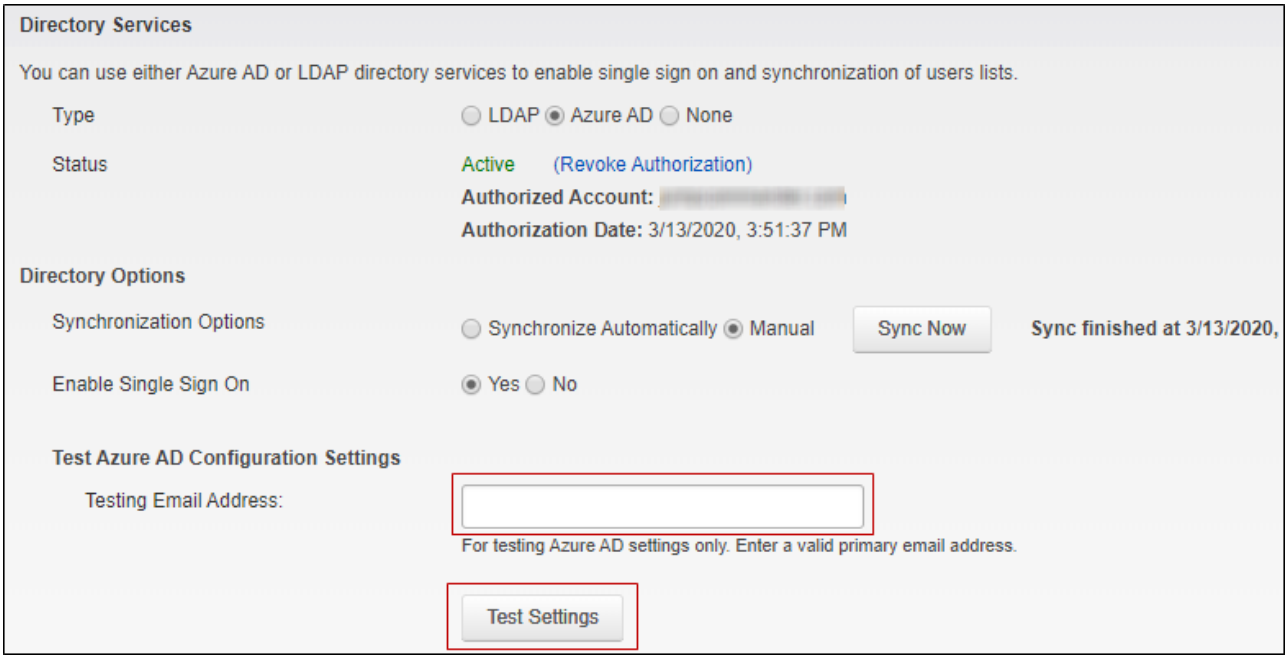
Set Up Azure AD Authorization

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

1. Log into https://login.barracudanetworks.com/ using your account credentials, and click **Email Gateway Defense** 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 into your Microsoft 365 account as a global administrator.
7. In the **Authorization** page, click **Accept** to authorize Email Gateway Defense to connect to your Azure AD directory.
8. In the **Domain Settings** page, the **Status** field displays as **Active**; the **Authorized Account** and **Authorization Date** display below the status:



9. In the **Synchronization Options** section, select **Synchronize Automatically**. When selected, Email Gateway Defense automatically synchronizes with your Azure AD directory daily and adds/updates your users. Note that the sync can take up to 24 hours or longer.
   If you encounter sync issues, such as new users not being properly synced between your Azure AD directory and Email Gateway Defense user list, click **Sync Now** to manually synchronize Email Gateway Defense with your Azure AD directory.
   If you select **Manual**, you must click **Sync Now** to synchronize Email Gateway Defense with your Azure AD directory and add/update users.
   > **Note** that selecting **Sync Now** may take longer than anticipated due to possible timeout errors.
10. To use SSO, click **Yes** for **Enable Single Sign On**. Once enabled, users are prompted to log into their Microsoft 365 account when accessing their messages in Email Gateway Defense.
11. To use the **Test Azure AD Configuration Settings** section, enter a valid email address in the **Testing Email Address** field to test your Azure AD settings.
12. Click **Test Settings**.



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 Email Gateway Defense, 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.

Figures