SharePoint Online Custom Configuration

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Custom Configuration for SharePoint Online

The custom configuration method is a manual process that requires the following actions and information:

- To set up modern authentication, register the Azure app with Azure.

- Obtain the Azure application ID, secret application key value, and Azure directory ID. For instructions about locating this information, in the Microsoft documentation, see Get tenant and app ID values for signing in https://docs.microsoft.com/en-us/azure/active-directory/develop/howto-create-service-principal-portal#get-tenant-and-app-id-values-for-signing-inhttps://docs.microsoft.com/en-us/azure/active-directory/develop/howto-create-service-principal-portal#get-tenant-and-app-id-values-for-signing-in.

- Obtain the SharePoint Online service account log-on credentials.

Modern Authentication

Modern authentication is a method of identity management that offers more secure user authentication and authorization.

Tip: For modern authentication, create at least 3 apps.

Registering the Azure App

For SharePoint Online backups to work in a modern authentication-enabled environment, you must create an Azure AD application and connect it to the tenant.

Disclaimer: This procedure is performed using the Microsoft Azure Active Directory (Azure AD) Web application. The Azure AD application is subject to change without notice. Consult Microsoft documentation, for example "Azure Active Directory Documentation" (https://docs.microsoft.com/en-us/azure/active-directory/ (https://docs.microsoft.com/en-us/azure/active-directory/)).

Procedure

1. Log on to the Azure portal (https://portal.azure.com/) using your global admin user account, and then go to Azure Active Directory.

2. In the navigation pane, click **App registrations**.

   The **App registrations** page appears.

3. To register the application, complete the following steps:

   a. Click **New registration**.

      The **Register an application** screen appears.

   b. In the **Name** box, type a name for the app.

   c. Under **Supported account types**, select **Accounts in this organizational directory only (**_<office_365_tenant_prefix>_
      - Single tenant).

   d. If you want to verify the status of the app and to authorize the app from the Command Center, under **Redirect URI**,
      enter the Command Center URL.

      For example, enter **https://**_Command_Center_name_**.domainname.com/adminconsole**.

   e. Click **Register**.

      The app overview page appears.

   f. Record the **Application ID** and the **Directory ID**.

      You will enter these values later when you configure the Metallic environment.

4. In the navigation pane, click **Certificates & secrets**.

   The **Certificates & secrets** page appears.

5. To create a client secret, complete the following steps:

   a. Click **New client secret**.

      The **Add a client secret** dialog box appears.

   b. Type a description, and then select when you want the secret to expire.

   c. Click **Add**.

   d. Use the Copy to clipboard button to copy the client secret value.

      You will enter this value when later when you configure the Metallic environment.

6. To assign full permissions to the tenant to back up SharePoint sites, in your browser, go to the tenant URL.

   For example, go to https://<office_365_tenant_URL>/_layouts/15/appinv.aspx.

The **Classic SharePoint admin center** page appears.

7. In the **App ID** box, enter the application ID that you recorded earlier, and then click **Lookup**.

    In the **Title** box, the name of the application appears.

8. In the **App Domain** box, type **tenantname.onmicrosoft.com**.

    To get the correct domain name, go to the Microsoft Azure
    (https://portal.azure.com/#blade/Microsoft_AAD_IAM/ActiveDirectoryMenuBlade/Domains) website, *Custom domain names*.

9. In the **App's Permission Request XML** box, type the following XML string:

```
<AppPermissionRequests AllowAppOnlyPolicy="true">
  <AppPermissionRequest Scope="http://sharepoint/content/tenant"
Right="FullControl" />
  <AppPermissionRequest Scope="http://sharepoint/social/tenant" Right="Read"
/>
</AppPermissionRequests>
```

10. Click **Create**.

11. Click **Trust It**.

Providing Service Accounts Access to SharePoint Online

You must configure the SharePoint Online service account to discover, backup, and restore data for SharePoint sites.

- SharePoint Online service account, must meet the following requirements:

  o   SharePoint administrator or Office 365 user with PowerShell access rights are required for running licensing computation purposes.

  o   Security defaults is a tenant option that is not supported for licensing computation purposes.

  o   MFA must be disabled for the service account.

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