Microsoft Azure AD Configuration Guide

Use this guide along with the Data Tab Configuration guide to configure a Microsoft Azure AD-integrated SecureAuth® Identity Platform (formerly SecureAuth IdP) realm.

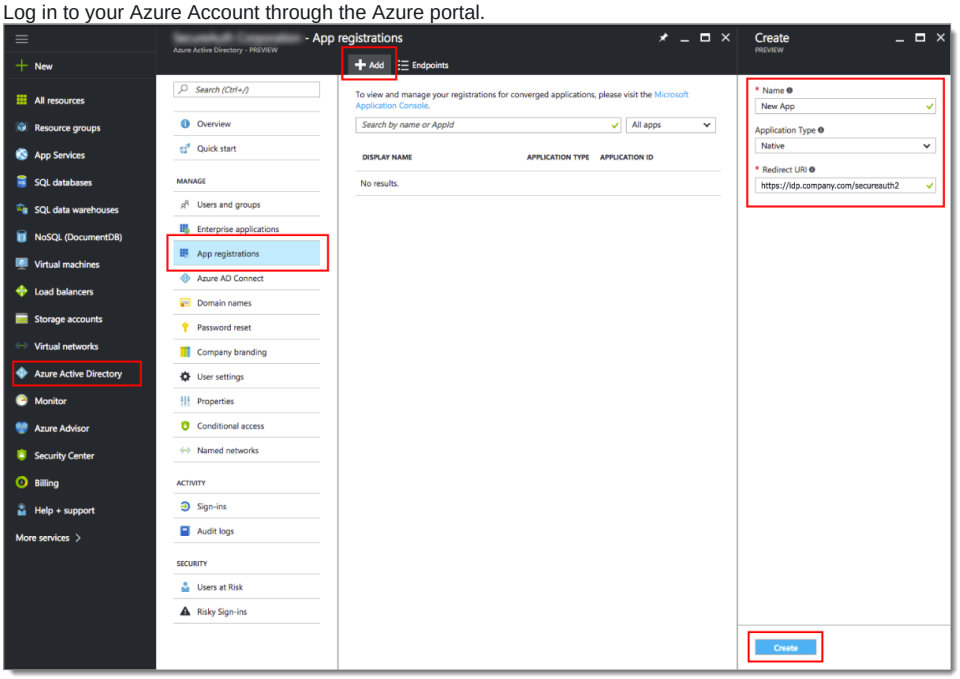
Prerequisites

- Identity Platform version 19.07 and earlier
- Have Azure AD and access to the admin console
- Create or designate an existing administrator service account with read and optional write access for the Identity Platform
- Create a Native Client Application on Azure AD (see Azure AD configuration below)
- OPTIONAL: Have Azure Powershell installed to use Powershell commands to get user properties

Contents

Azure AD configuration

1. Log in to your Azure Account through the Azure portal.

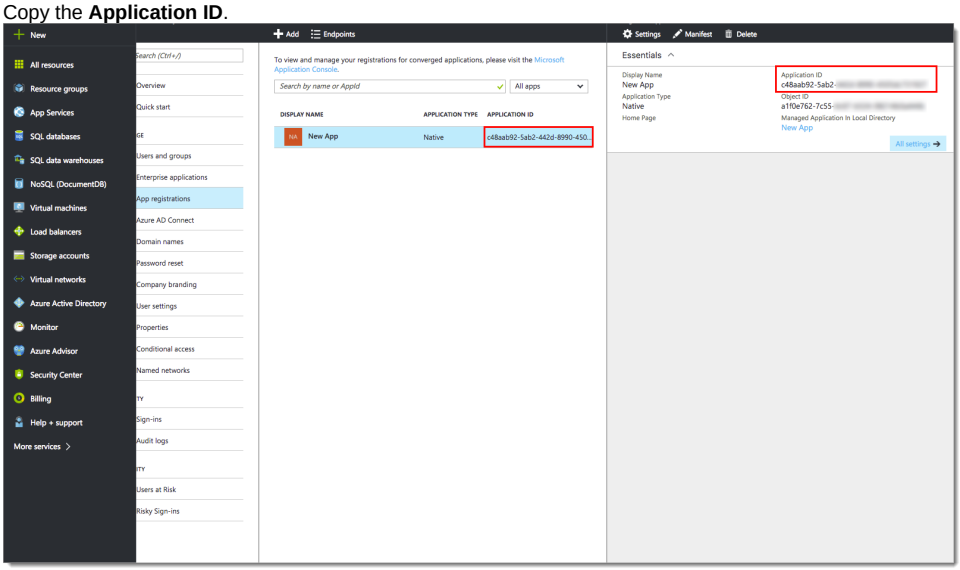


2. Select **Azure Active Directory**.
3. Select **App registrations**.
4. Click **Add**.
5. In the **Create** section, set the following:

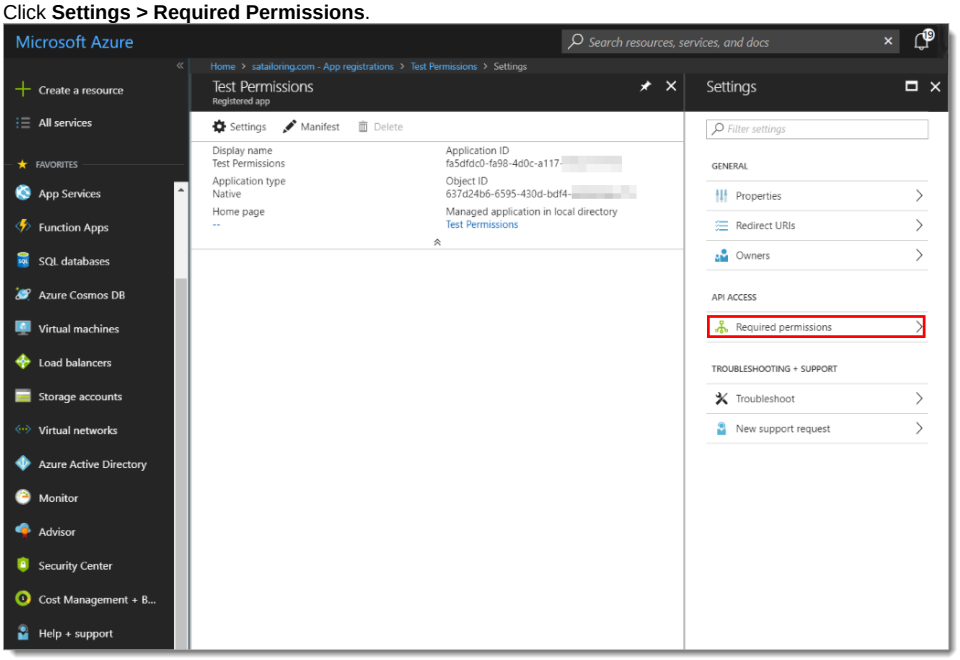
Name	Set a name for the new application.
Application Type	Set to **Native**.
Redirect URI	Set to the Fully Qualified Domain Name (FQDN) of the Identity Platform appliance, followed by the realm to which Azure AD is integrated. For example, https://idp.company.com/secureauth2

6. Click **Create**.
7. From the **App registrations** panel, select the new application you just created.

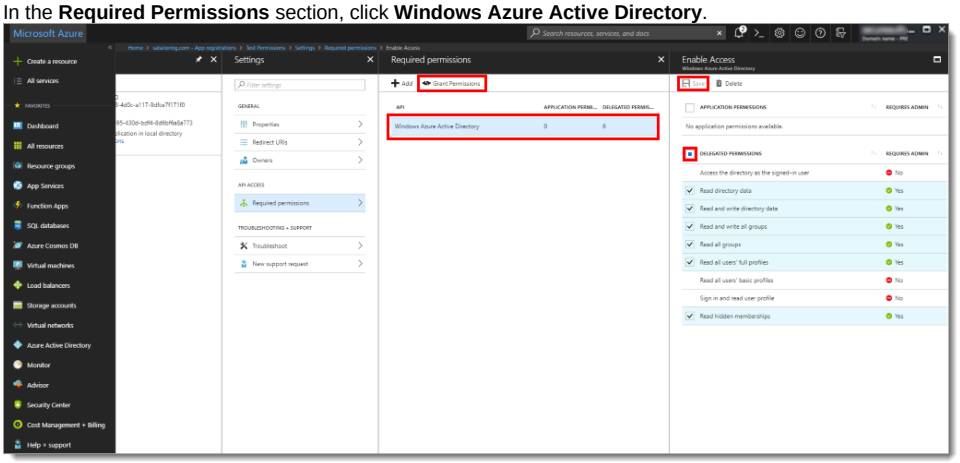
8. Copy the **Application ID**.



9. Click **Settings > Required Permissions**.

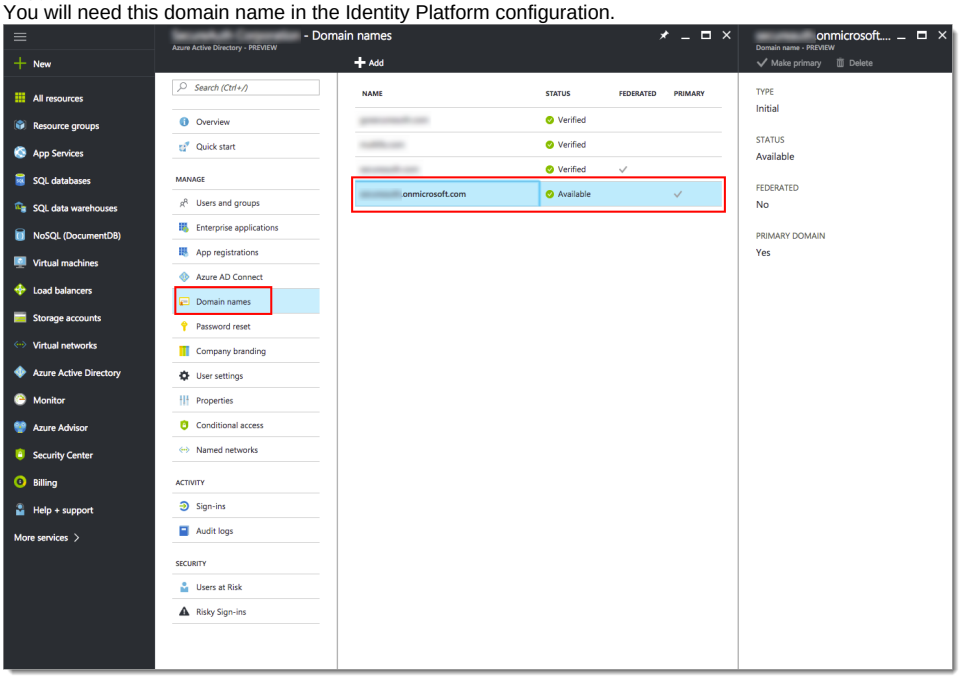


10. In the **Required Permissions** section, click **Windows Azure Active Directory**.



11. In the **Enable Access** section, delegate the permissions to be granted.
12. Click **Save**.
13. In the **Required permissions** section, click **Grant Permissions**.
14. From the Azure Active Directory menu, click **Domain names**.

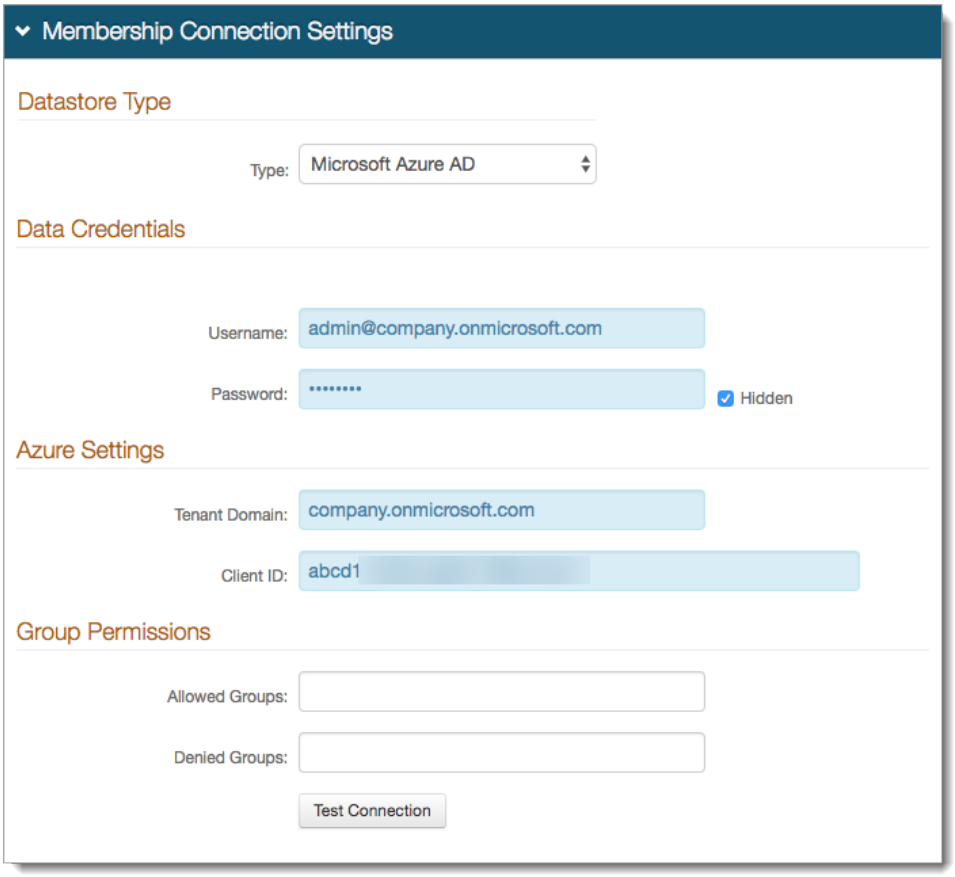
15. Copy the **.onmicrosoft.com** domain name.
    You will need this domain name in the Identity Platform configuration.



Identity Platform configuration

1. Select the **Data** tab.
2. In the **Membership Connection Settings** section, set the following:

Datastore Type	Set to **Microsoft Azure AD**.
Data Credentials	Provide the username and password of the administrator service account.
Azure Settings	**Tenant Domain**: Set to the **.onmicrosoft** tenant domain that was copied from the Azure portal. **Client ID**: Set to the Application ID that was copied from the Azure portal.
Group Permissions	To restrict access to the realm (if you have such restrictions), provide a list of **Allowed Groups** and **Denied Groups** in a comma delimited format.



3. Click **Test Connection**.
4. **Save** your changes.
5. To complete the remaining configurations, see the Data Tab Configuration guide.

OPTIONAL: PowerShell commands to get user properties

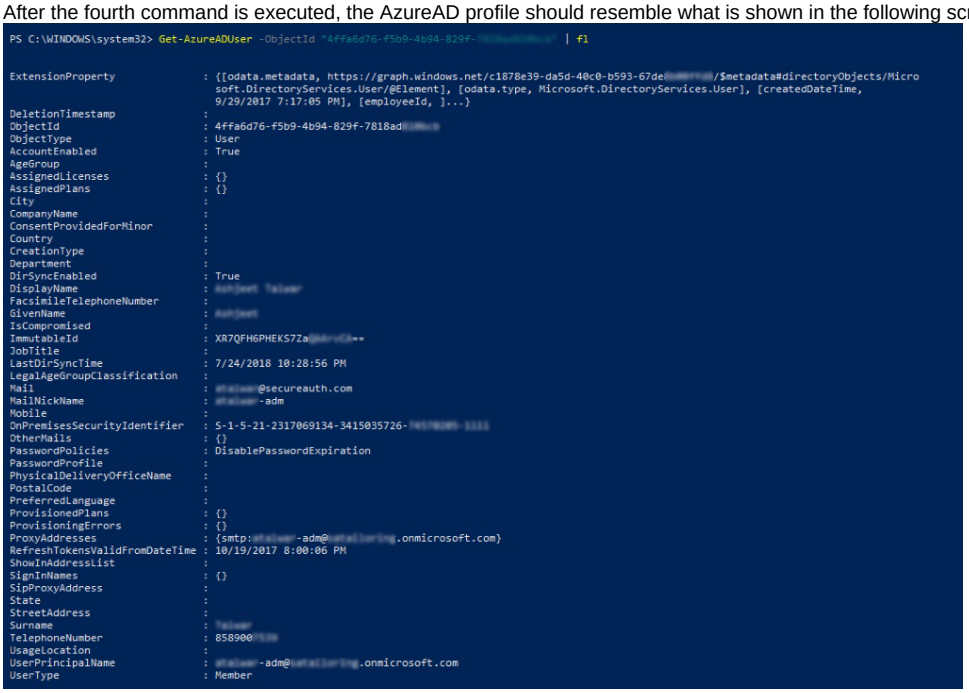
You can use PowerShell commands to get user properties.

1. Install Azure PowerShell: https://docs.microsoft.com/en-us/powershell/azure/install-az-ps?view=azps-3.6.1
2. To ensure that the PowerShell commands function properly, be sure the SetExecutionPolicy is Unrestricted.
3. Run the following commands.

Command List

```
1. $Cred = Get-Credential [The value for this credential must be the onmicrosoft account associated
with the Azure tenant].
2. Connect-AzureAD -Credential $Cred
3. Get-AzureADUser
4. Get-AzureADUser –ObjectID "<Value of the Object ID"> | fl
```

After the fourth command is executed, the AzureAD profile should resemble what is shown in the following screenshot.



4. Verify that User Properties on the AzureAD Profile match with the Profile Fields configured on the **Data** tab in the Identity Platform.