Enable Directory Integration

This guide provides setup requirements and steps to demonstrate how to enable directory integration for an Azure Active Directory so that an on-premises directory can be extended to Azure AD.

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## Pre-Requisites

This section lists the pre-requisites required for this demonstration.

* An Azure subscription

## Setup

There are no setup requirements if you performed the setup requirements for **Demo 1 – App Integration**. Otherwise, perform the setup instructions for demo 1.

## Demo Steps

Estimated time: 5 minutes

|  |  |
| --- | --- |
| 1. In the Azure Management portal, click on **ACTIVE DIRECTORY** in the left navigation. 2. Click on the **Azure CoE** directory name. 3. Click on the **DIRECTORY INTEGRATION** tab at the top of the page. 4. Set the **DIRECTORY SYNC** option to **ACTIVATED**. 5. **SAVE.**    1. Point out the confirmation message stating that the local directory will become the authoritative data source for user properties in Azure AD. 6. Show the **3 steps** under the **deploy and manage** section. |  |
| 1. While waiting for directory integration to be enabled show where step 1 (domains) can be setup. Click on the **DOMAINS** tab at the top of the page.    1. Click the **ADD** button at the bottom of the page.    2. Set **DOMAIN NAME** to **azurecoe.com**.    3. Explain the option to configure the domain for SSO pointing out that this only applies if you have an on-premises ADFS implementation you plan to integrate with. It really isn’t necessary to check this box though because the AAD Connect tool handles all the necessary steps. So, basically, you’re just telling the audience to ignore this.    4. Click the green **add** button.    5. Click the right-arrow to continue to the next page.    6. Explain the information in the last page, which is simply a TXT record that Azure AD generates for you. To prove you own this domain, you must add this TXT record with your domain registrar. After doing so, you can click the green verify button. If you entered the TXT record correctly, then Azure AD will be able to verify your ownership of the domain. Since you don’t own the domain you won’t be able to show this but at least you have demonstrated where to configure custom domains.   Also, having a custom domain is not technically required for this demo unless you are configuring AD FS, in which case certificates for the domain are absolutely required.   * 1. Click the check-mark button in the lower-right corner of the page.  1. Show the two domains in the Azure CoE domain where the custom domain has been added but not yet verified. |  |
| 1. Click on the **DIRECTORY INTEGRATION** tab at the top of the page. 2. Show the section in **step 2**….    1. Click the download link to show that AAD Connect is just an MSI. Don’t actually download it though. Explain that you would download this to the machine that you are designating as the directory sync server in your on-premises environment. |  |

## Clean Up

To clean up after this demo perform the following steps:

1. Go to the **DIRECTORY INTEGRATION** tab for the **Azure CoE** directory.
2. Set **DIR SYNC** to **DEACTIVATED**.
3. Click the **SAVE** button at the bottom of the page.