

Microsoft Power Virtual Agents in a Day

Trainer Set Up and Prerequisites

July 2022

Contents

Instructor Set Up and Prerequisites	Lab Overview and Pre-requisites	1
Task 2: Obtain a Power Apps Trial8Task 3: Add users and assign licenses12Option 1: Add users and assign licenses using PowerShell12Option 2: Add users and assign licenses in the Microsoft Administration Center (Recommended)12Task 4: Create a trial environment17Task 5: Import PVA in a Day solution package23Task 6: Generate data for participants to use29Optional- Turn off Multi-factor authentication33	Instructor Set Up and Prerequisites	1
Task 3: Add users and assign licenses.12Option 1: Add users and assign licenses using PowerShell.12Option 2: Add users and assign licenses in the Microsoft Administration Center (Recommended)12Task 4: Create a trial environment17Task 5: Import PVA in a Day solution package23Task 6: Generate data for participants to use29Optional- Turn off Multi-factor authentication33	Task 1: Set up a tenant	2
Option 1: Add users and assign licenses using PowerShell 12 Option 2: Add users and assign licenses in the Microsoft Administration Center (Recommended) 12 Task 4: Create a trial environment 17 Task 5: Import PVA in a Day solution package 23 Task 6: Generate data for participants to use 29 Optional- Turn off Multi-factor authentication 33	Task 2: Obtain a Power Apps Trial	8
Option 1: Add users and assign licenses using PowerShell 12 Option 2: Add users and assign licenses in the Microsoft Administration Center (Recommended) 12 Task 4: Create a trial environment 17 Task 5: Import PVA in a Day solution package 23 Task 6: Generate data for participants to use 29 Optional- Turn off Multi-factor authentication 33	Task 3: Add users and assign licenses	12
Option 2: Add users and assign licenses in the Microsoft Administration Center (Recommended) 12 Task 4: Create a trial environment 17 Task 5: Import PVA in a Day solution package 23 Task 6: Generate data for participants to use 29 Optional- Turn off Multi-factor authentication 33	Option 1: Add users and assign licenses using PowerShell	12
Task 5: Import PVA in a Day solution package		
Task 6: Generate data for participants to use	Task 4: Create a trial environment	17
Optional- Turn off Multi-factor authentication33	Task 5: Import PVA in a Day solution package	23
	Task 6: Generate data for participants to use	29
Terms of Use		
	Terms of Use	35

Lab Overview and Pre-requisites

The estimated time to complete this setup is 60 minutes.

Providing your attendees with a tenant already set up will maximize the time available for learning on the day, and allow them to get started with Power Virtual Agents quickly and easily. It will also remove the need for any troubleshooting with security and permissions issues faced by some customers who are unable to sign up for a trial or create an environment. It is not recommended for attendees to create their own environment, so you will need to follow these instructions to create it for them. There will be 5 attendees per environment.

Note that there is a limit of 5 Dataverse for Teams environments per trial, so you will need to set up 1 trial tenant per 5 attendees for this training. For instance, if you have 25 participants, you will need 5 trial tenants.

Instructor Set Up and Prerequisites



This document takes you through setting up a tenant to use for training. You will:

- Create trial account(s) and set up tenant(s)
- Set up user accounts and assign licenses
- Create a new environment



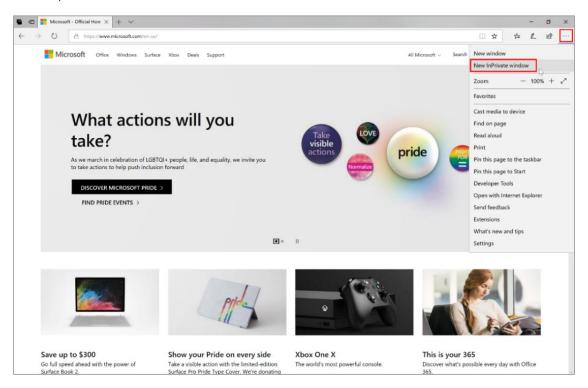
The time to complete this setup is [60] minutes.

Task 1: Set up a tenant

You will sign up for an Office 365 E3 tenant with trial licenses for Power Apps for attendees to work in. Note that a maximum of 5 attendees can have access to a tenant, based on the limitations of the Dataverse for Teams environments per trial. If you have more than 5 attendees, you will have to repeat these prerequisites for the next lot of 5 attendees.

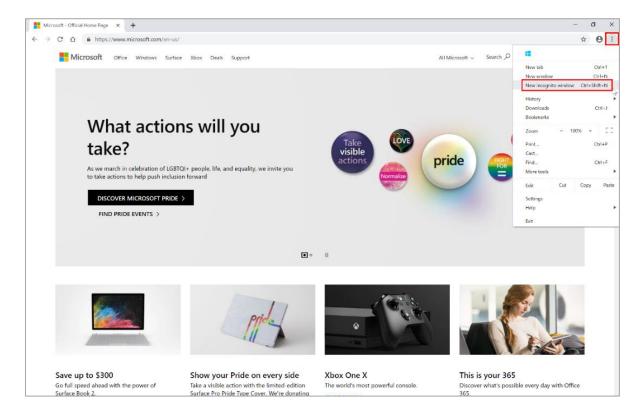
Follow the instructions below to sign up for a free trial.

- 1. Open a private browser
- → If you're in Edge, open a New InPrivate Window.
 - I. To open a New InPrivate Window in Edge: click ...
 - II. Then, select New InPrivate Window.

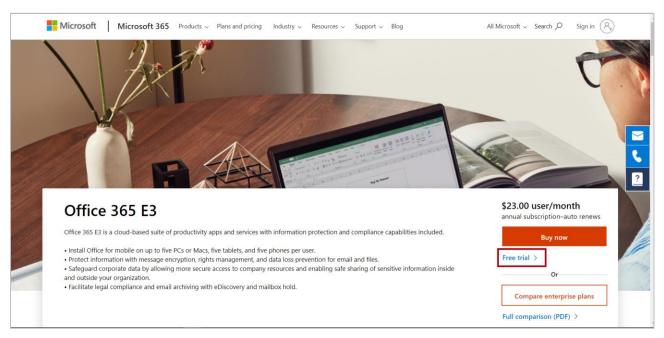


If you're in Chrome, open a New Incognito Window.

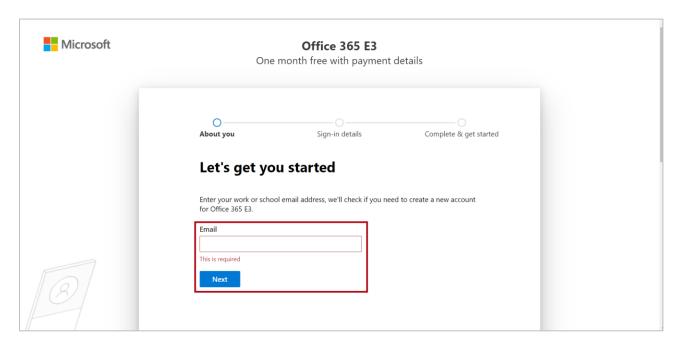
- I. To open New Incognito Window in Chrome: click
- II. Then, select New Incognito Window.



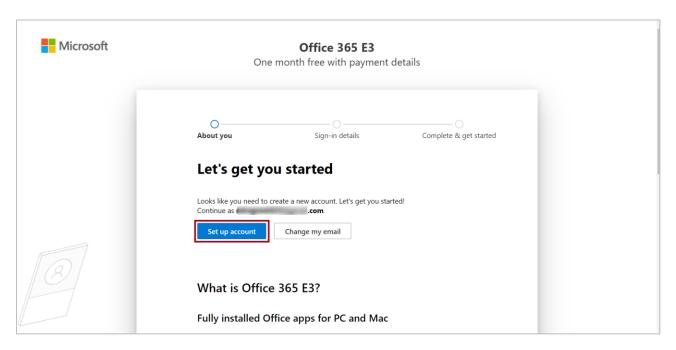
2. In your private browser, navigate to https://products.office.com/en-us/business/office-365-enterprise-e3-business-software. Select **Free Trial** to navigate to trial sign up page.



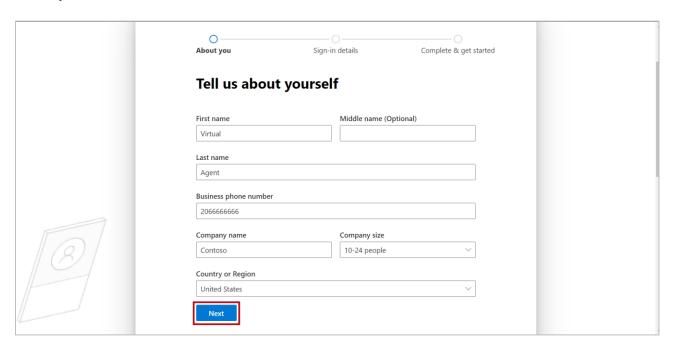
3. Enter your email address and click Next.



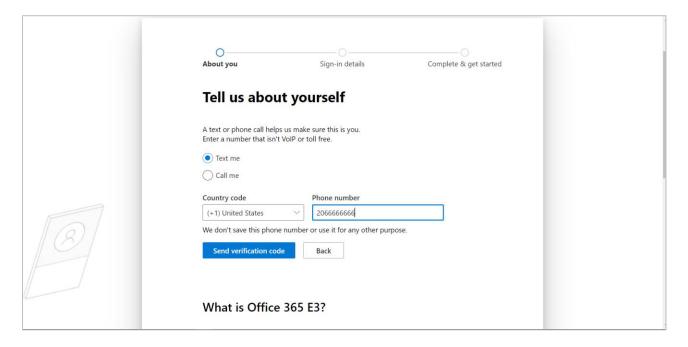
4. Click **Set up account**. If it prompts you to sign in at this stage, select the option **Create a new account instead.**



5. Fill in your information and click **Next**.

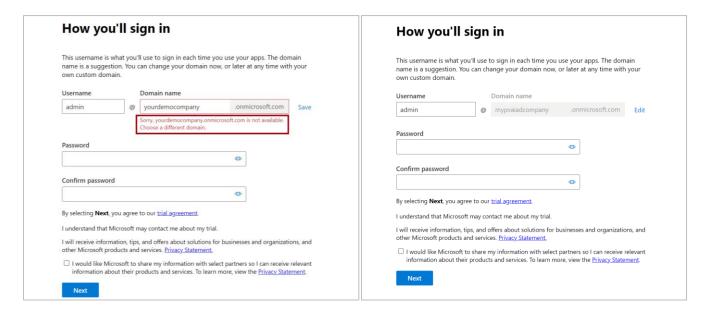


You'll be asked to verify your identify using either phone call or text message. Follow the directions and confirm your identity by entering your phone number, and then entering the verification code you receive.

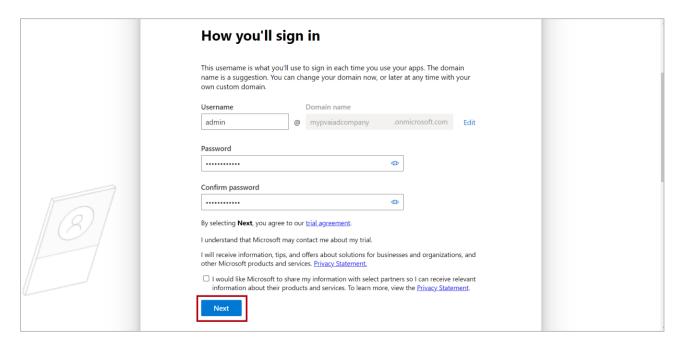


6. On the how you'll sign in page, fill in information for an administrator user and select your tenant domain.

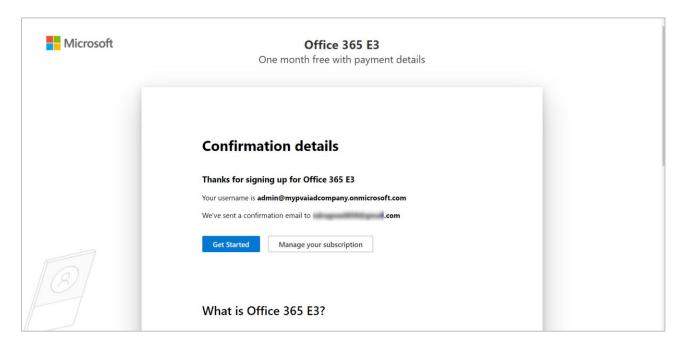
Note: the tenant domain must be unique. You can check the availability of your domain by clicking Save.



7. Click **Next** if the custom domain name is available and you have done filling in information.

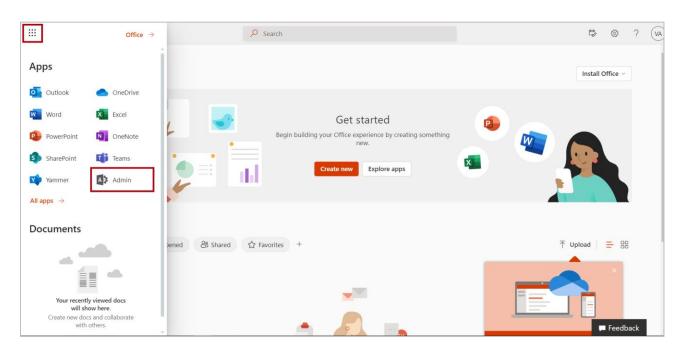


8. Wait while the tenant is created. It usually takes less than 1 minute. Take note of the login details you have just created as you will be using this to complete the training.

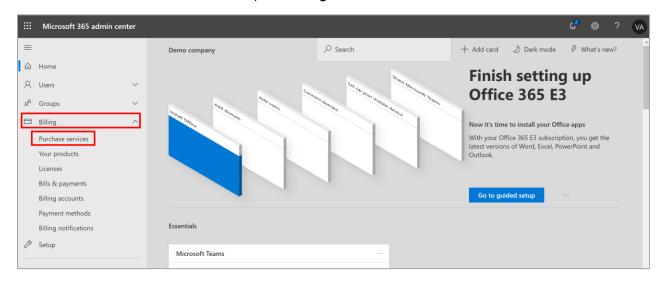


Task 2: Obtain a Power Apps Trial

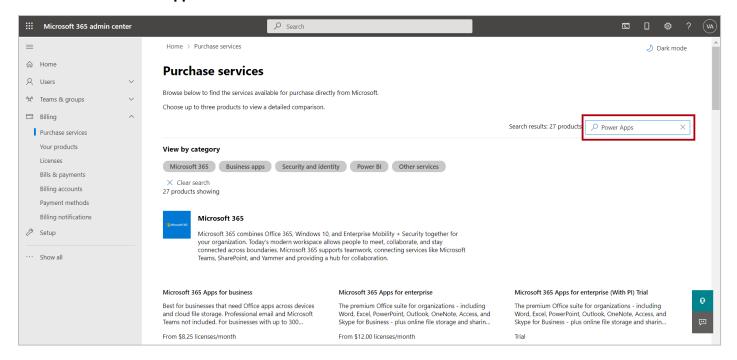
1. Navigate to https://portal.office.com and click the **App launcher** then select **Admin** to open the Admin Center.



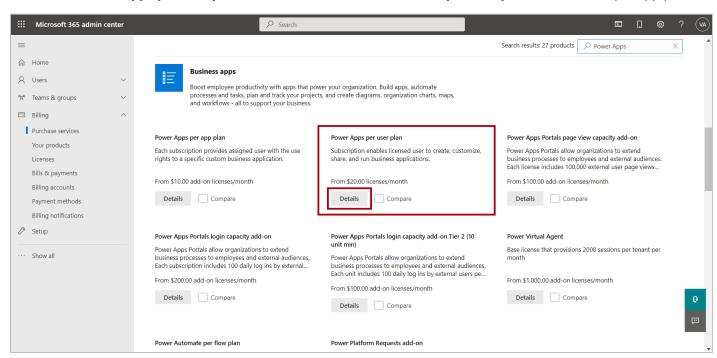
2. On the left side of the Admin Center, expand **Billing** and click on **Purchase Services**.



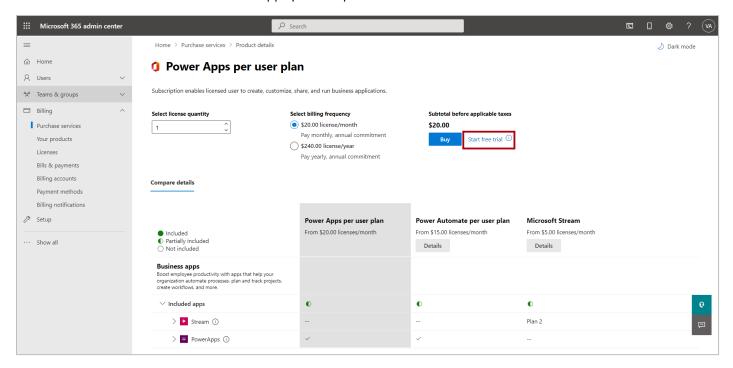
3. Search for **Power Apps**.



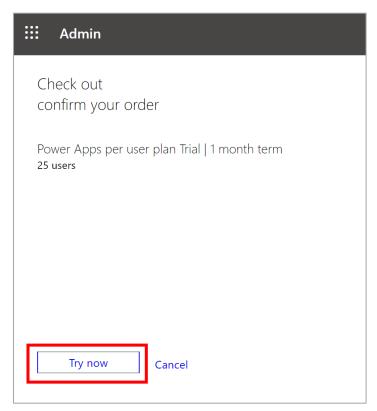
4. Find Power Apps per user plan and click on Details. Ensure this is per user plan, do not select per app plan.



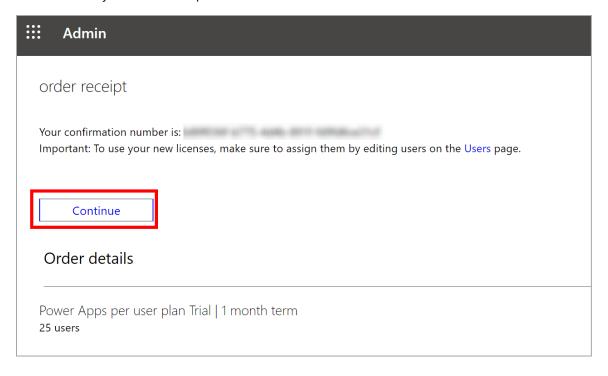
5. Click on **Start free trial** for Power Apps per user plan.



6. Click **Try now** to confirm your order.



7. Click **Continue** on your order receipt screen.



Task 3: Add users and assign licenses

You have 2 options for setting up users and assigning licenses. Choose one of the following (you do not need to do both, they each achieve the same end result)

- 1) **Using PowerShell**. This method is recommended if you are already familiar with using PowerShell. It is similar to the setup used for other training programs such as App in a Day.
- 2) **RECOMMENDED: Using the Microsoft 365 Administration Center**. This method is likely faster and is recommended if you are not familiar with PowerShell.

Option 1: Add users and assign licenses using PowerShell

Refer to the Setup folder in the instructor materials which contains instructions and PowerShell scripts. Follow the instructions provided to set up users and assign licenses using PowerShell, repeating this for each tenant, and then return here to **Task 4: Create a Trial Environment.**

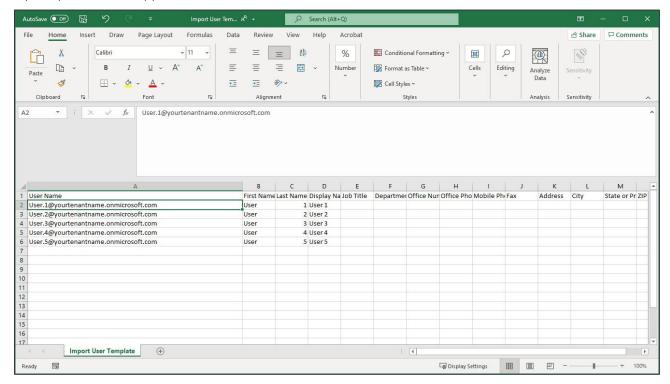
If you are not familiar with PowerShell, skip this step and work through the Option 2 instructions here to add users and assign licenses in the Microsoft Administration Center.

Option 2: Add users and assign licenses in the Microsoft Administration Center (Recommended)

You will now create user accounts within the tenant. There will be an account created for each training attendee. The accounts will be created by uploading a template for the user set up.

From your trainer material package, open the csv file called **Import User Template.csv**. You will use this template to add in the details of your attendees. The template contains 5 sample users.

The template provided will appear as below:

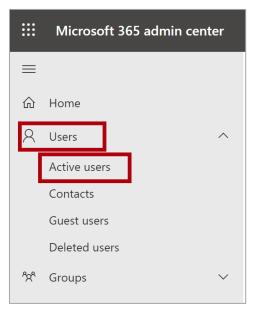


1. Use Search and Replace in Excel to replace "yourtenantname" in the User Name column with the tenant name you chose in the setup.

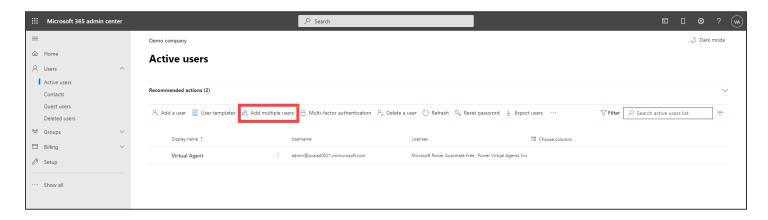
If you do not need to create 5 users, **delete the unused rows**.

Ensure you do not delete or rename any columns. Leave unused columns blank.

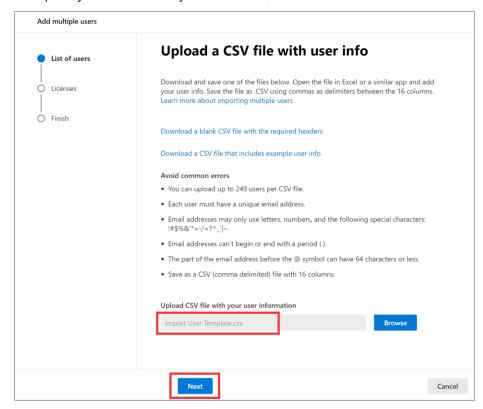
- 2. Save the template once complete. It should be saved as a .csv file.
- 3. Go back to the Admin Center, and go to **Users** > **Active Users** from the navigation menu. If you need to navigate to the Admin Center again, you can access it by going to https://admin.microsoft.com/ and signing in with the trial tenant you created in Task 1.



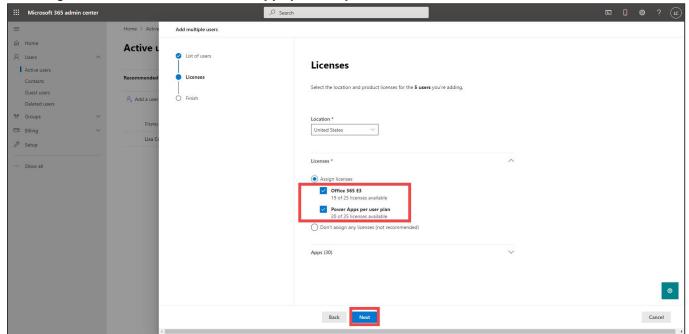
4. Click on +Add Multiple Users



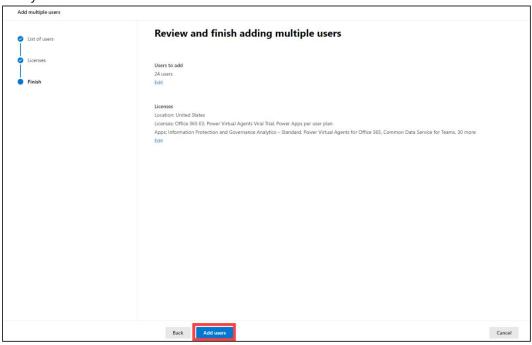
5. Browse for the template you created with your attendees, then click **Next**.



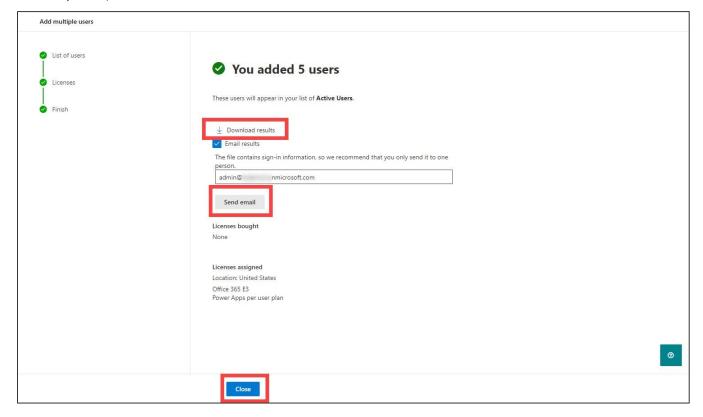
6. Assign the Office 365 E3 and Power Apps per user plan licenses, then click Next.



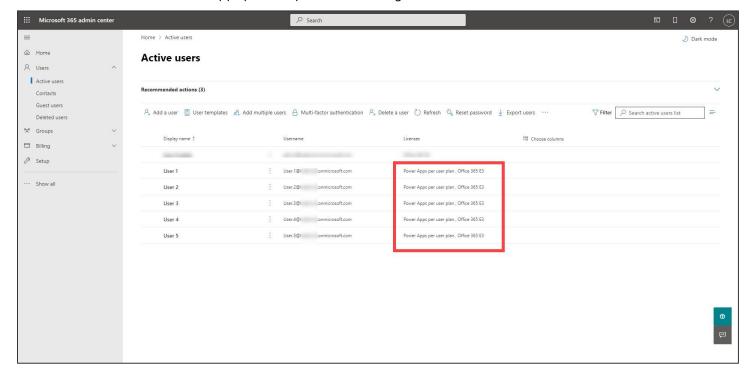
7. Click **Add users**, then wait until the users are added. **Do not** close Add multiple users pop out. This may take approximately 5 minutes.



8. Once the users have been added, click **Download Results** and **Send email**. (Enter your regular email address here). Then, click **Close**.



9. You will be redirected to the Admin Center, where you will see the page of Active users. Confirm that you can see a profile for each of the attendees you imported. Confirm that both the attendees and your admin user have the Office 365 E3 and Power Apps per user plan licenses assigned.



- 10. Open the .csv file you downloaded in step 9. This file contains the login information for each user. **This file is important**, **as the user details will need to be distributed to each attendee.** If you need to download this information again, it would have been emailed to you. Each user will be prompted to change their password upon login.
- 11. Repeat all the steps in this task for each tenant until you have enough user accounts for all particpants.

To distribute the login details to each attendee, we recommend sending an email using mail merge to send the correct Username and Password to the attendee's actual email address prior to the start of the training.

Task 4: Create a trial environment

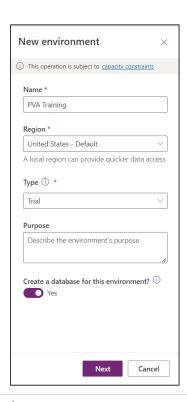
You'll need create a Power Apps trial environment so that attendees can experience using Power Virtual Agents with Microsoft Dataverse, for the bot to retrieve and post data. Make sure you have Power App per user plan license.

- In your private browser, navigate to the Power Platform Admin Center
 <u>https://admin.powerplatform.microsoft.com/environments</u>, and sign in with the trial account you created at the start.
- 2. Select +New to create a new Environment.

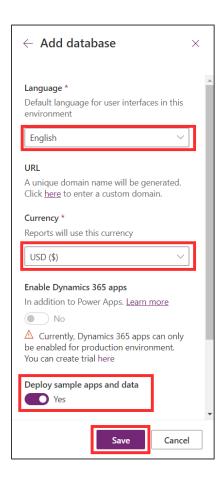


Fill in the fields in the New environment dialog box with these values and select **Next** to continue. Note: Creating an environment may take up to one minute.

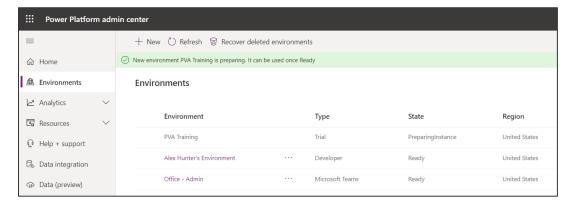
- Environment Name: PVA Training
- Region: United States (default)
- Type: Trial
- Create a database for this environment? Yes



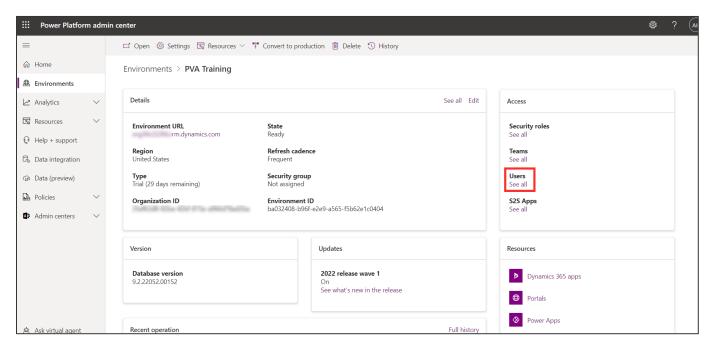
- 3. Specify values in the **Add database** dialog box, as follows:.
 - Language: English
 - Currency: USD
 - Select the "Deploy Sample Apps and Data" option
 - Click Save



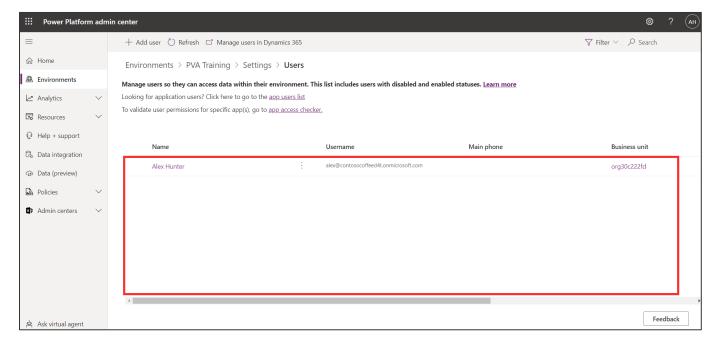
4. An alert bar will pop up to tell you that your new environment is getting prepared.



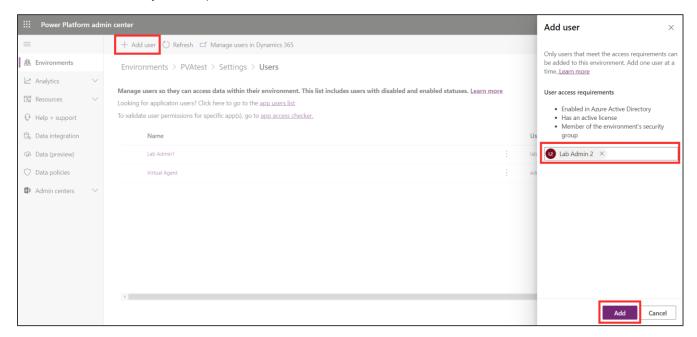
- 5. Wait about a minute and click refresh. When your environment is fully prepared, click on your environment name to open it.
- 6. Click on Users: See all



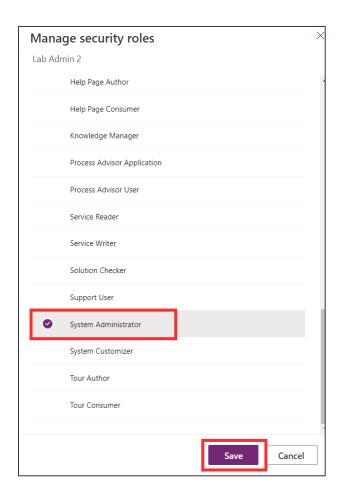
7. You will see your username in the list of users. This can take some time to come through, so if you don't see it there, give it 10 mins (or longer as needed) and come back and check again.



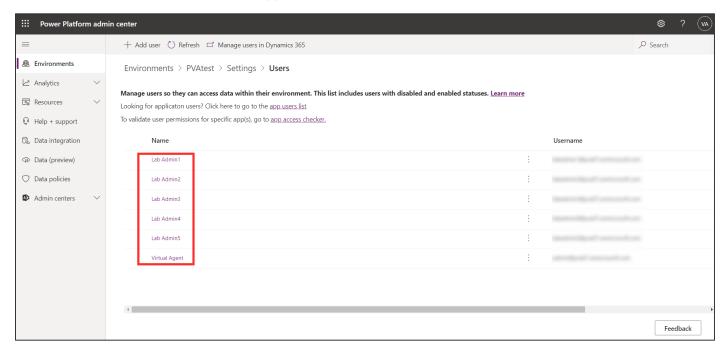
8. You will need to give each user created earlier access to the environment. Click **+Add User** and type in the name of one of the users you set up. Then click **Add**.



9. Assign the user with **System Administrator** security role and click **Save**. Assigning System Administrator gives your users full access to everything for the training.



10. Add the remaining users to the environment using the same method, and make sure they are assigned with System Administrator security role. Click Refresh when done, and you should see all your users in the list. It may take a few minutes for the users to appear.

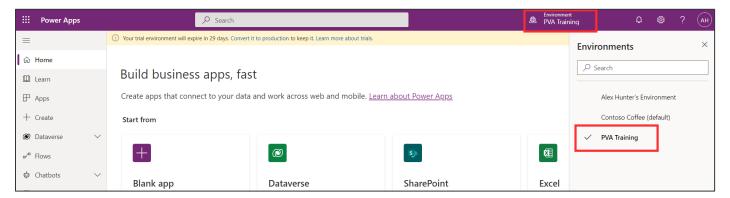


- 11. You are now ready to install a solution package to use for the training.
- 12. Repeat all steps in this task for each tenant you are setting up.

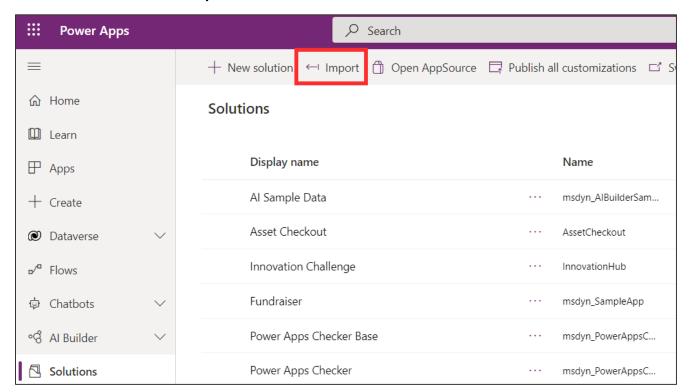
Task 5: Import PVA in a Day solution package

In this task, you will import a solution file that contains a Dataverse table and a Power Automate flow to generate data for that table. This will enable your participants to build a bot that interacts with Dataverse to retrieve and create data rows (without them needing to build their own data source). **This is necessary for Lab 05.**

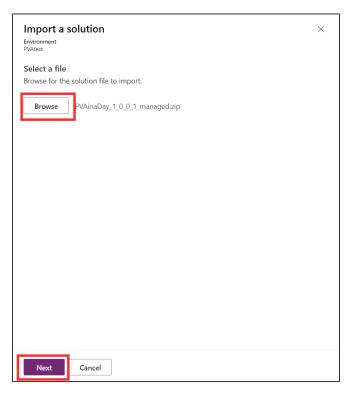
- 1. Navigate to https://make.powerapps.com in your Edge or Chrome private browsing window.
- 2. Click the **environment** icon and select the environment you just created (PVA Training). Ensure you no longer have the default environment selected.



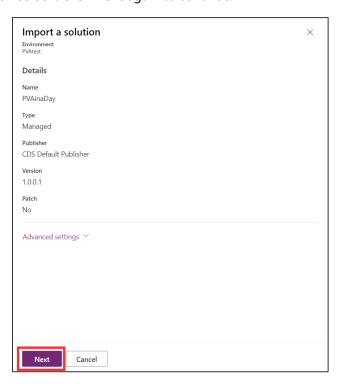
3. Select Solutions and click Import.



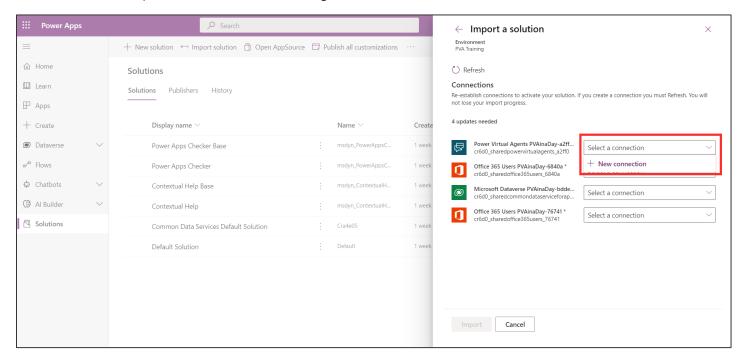
4. On the Import a solution pop-out, click **Browse** and select PVAinaDay_1_0_0_1_managed.zip from your training resources. Click **Next**.



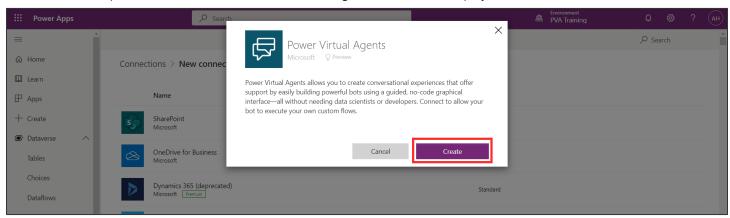
5. You will get this confirmation screen. Click **Next** again to continue.



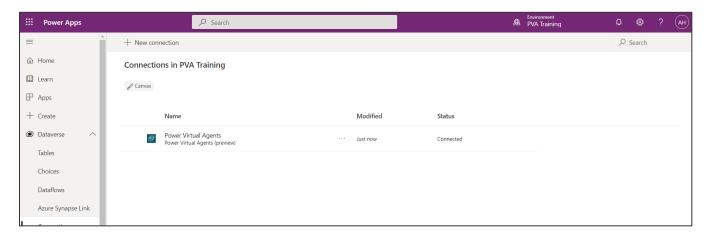
6. You will need to establish connections for the Power Virtual Agents, Office 365 Users and Dataverse connectors. Select the dropdown for the Power Virtual Agents connection and click + **New Connection**.



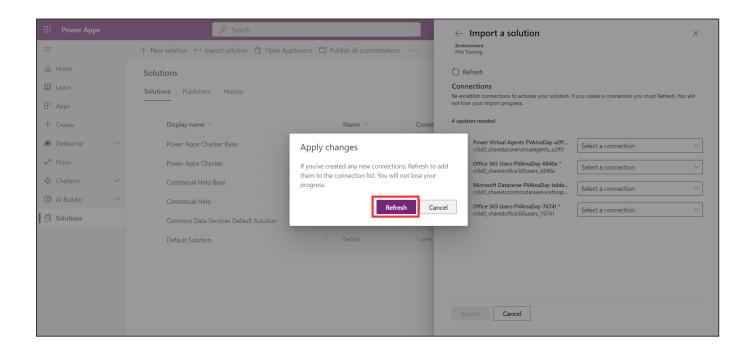
This will open a new tab, with the Power Virtual Agents connection displayed. Click Create.



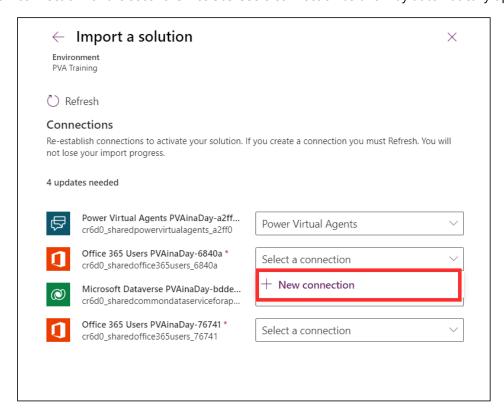
8. Wait for the connection to be authenticated.



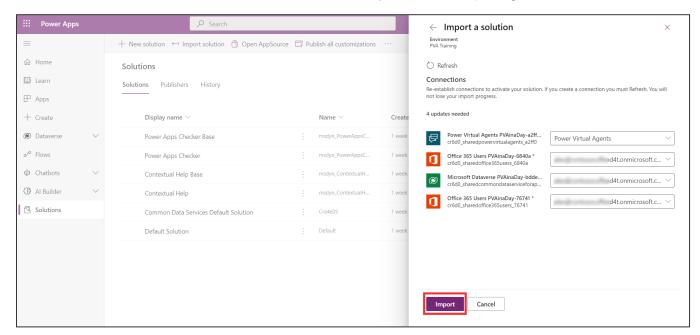
9. Close this tab and return to the main tab where you were importing your solution. Click on **Refresh** to apply changes. You will then see Power Virtual Agents in the dropdown next to the Power Virtual Agents connector.



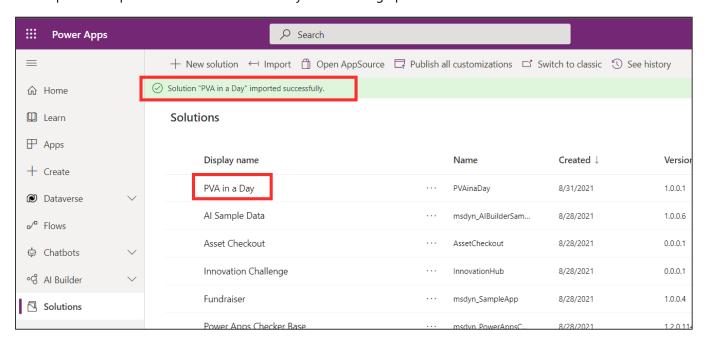
10. Repeat this for the remaining 3 connections listed, by clicking **+ New Connection**. When creating a connection for Office 365 Users and Dataverse, you may be prompted to verify your email address. You may not need to create a new connection for the second Office 365 Users connection as this may automatically update.



11. You will now have all four connectors connected. Click **Import** to finish importing the solution.



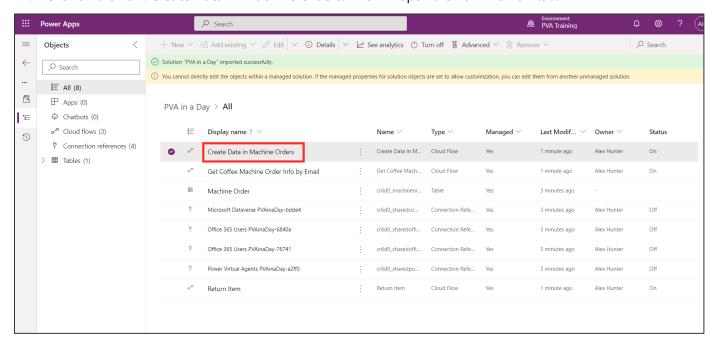
- 12. You will get a notification message saying "Currently importing solution PVA in a Day". Once the import is complete, you will see the PVA in a Day solution in the Solutions section of your main Power Apps window.
- 13. Repeat all steps in this task for each tenant you are setting up.



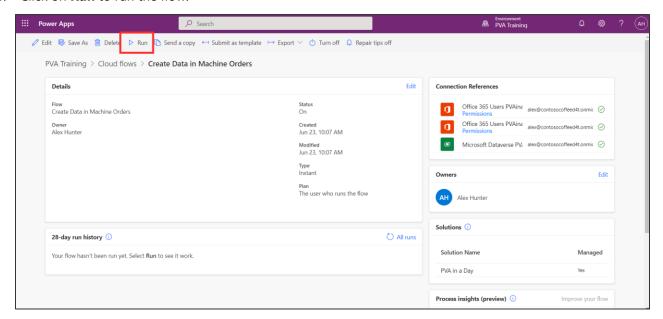
Task 6: Generate data for participants to use

You will now use the flow that you imported in the solution to generate data for participants to use in the lab. This flow will create a device order record for each user in the system, so that in Lab 5 they can retrieve a coffee machine order based on their email.

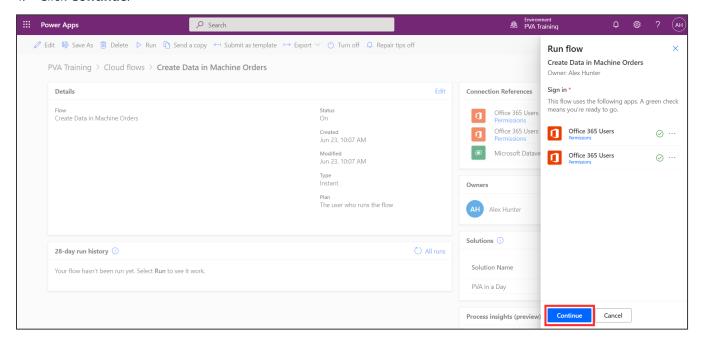
- 1. Click on the PVA in a Day solution to open it.
- 2. Click on the flow: Create Data in Machine Orders. This will open the flow in a new tab.



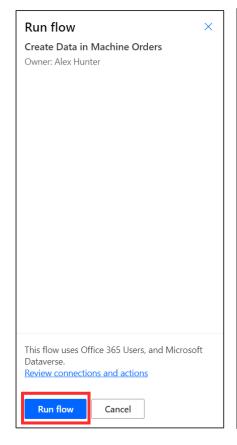
Click on Run to run the flow.

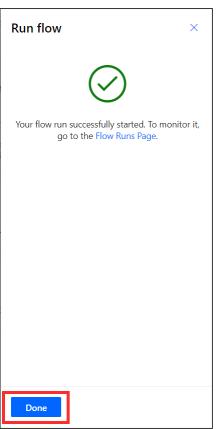


4. Click Continue.

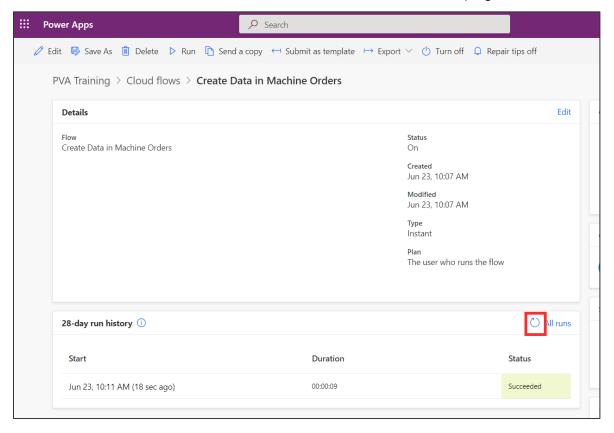


5. Click **Run flow**, and then **Done** (when you get the green tick to show your flow run has successfully started).

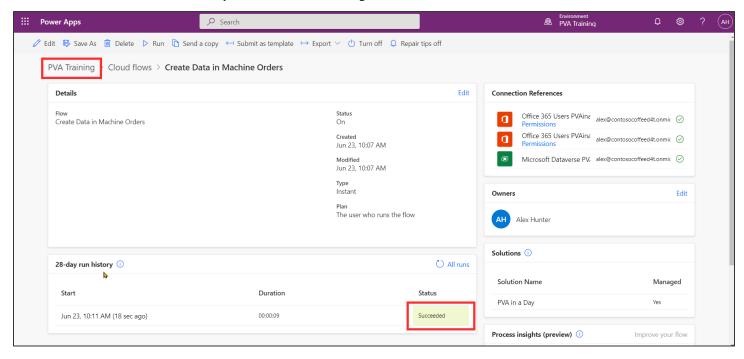




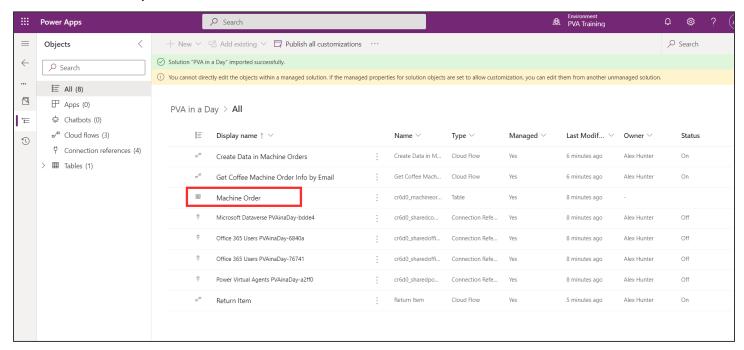
6. Give the flow a few minutes to run. You can click the refresh button to check on progress.



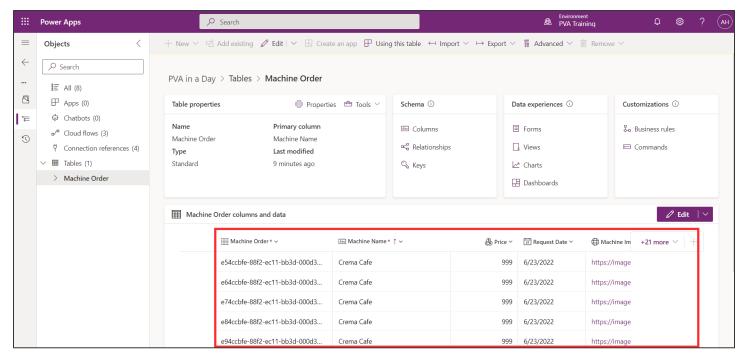
7. Once it has run successfully, click on **PVA Training**.



8. To check that your data has been created, click on the **Machine Order** table.



9. You will see the rows of data that have been created by the flow.

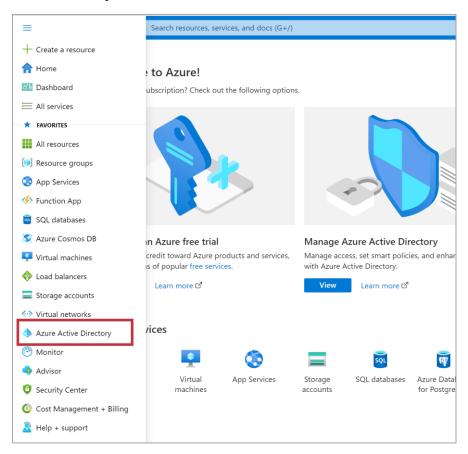


- 10. Repeat all steps in this task for each tenant you are setting up.
- 11. Congratulations! You are all set for the training!

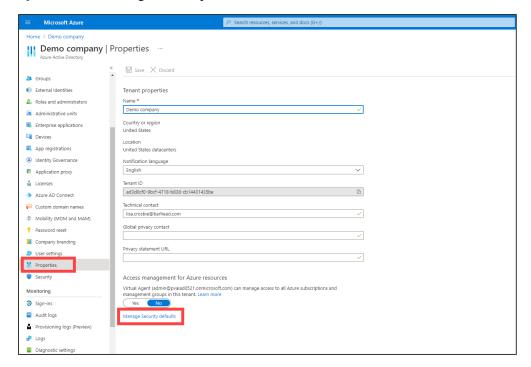
Optional- Turn off Multi-factor authentication

Upon login, users may be asked to set up multi-factor authentication (MFA) on their trial account. To avoid this, you can turn MFA off for the tenant via the Azure portal.

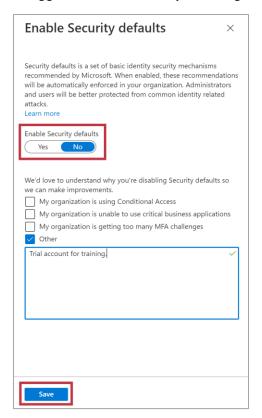
- 1. Navigate to https://portal.azure.com/ and sign in with your admin account for the tenant.
- 2. Click on the icon on the top left of the screen to expand the navigation menu.
- 3. Click on Azure Active Directory.



4. Click on Properties then Manage Security defaults.



5. Switch the Enable Security defaults toggle to **No**. Then, **save** your changes.



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