



Power Platform App in an ~hour

Pre-requisites

Hands-on Lab Step-by-Step

June 2020

Lab Overview and Pre-requisites

Abstract and Learning Objectives

This is a beginner level lab for you to get hands on experience with the Microsoft Power Platform technologies. The lab includes step-by-step instructions for someone new to these technologies to build an event management solution in about an hour. Technologies covered:

Power Apps: A software as a service application platform that enables power users in line of business roles to easily build and deploy custom business apps. You will learn how to build both Canvas and Model-driven style of apps.

Common Data Service (CDS): Make it easier to bring your data together and quickly create powerful apps using a compliant and scalable data service and app platform that's integrated into PowerApps.

Make sure to follow all the pre-requisite steps listed in this document before starting the labs.

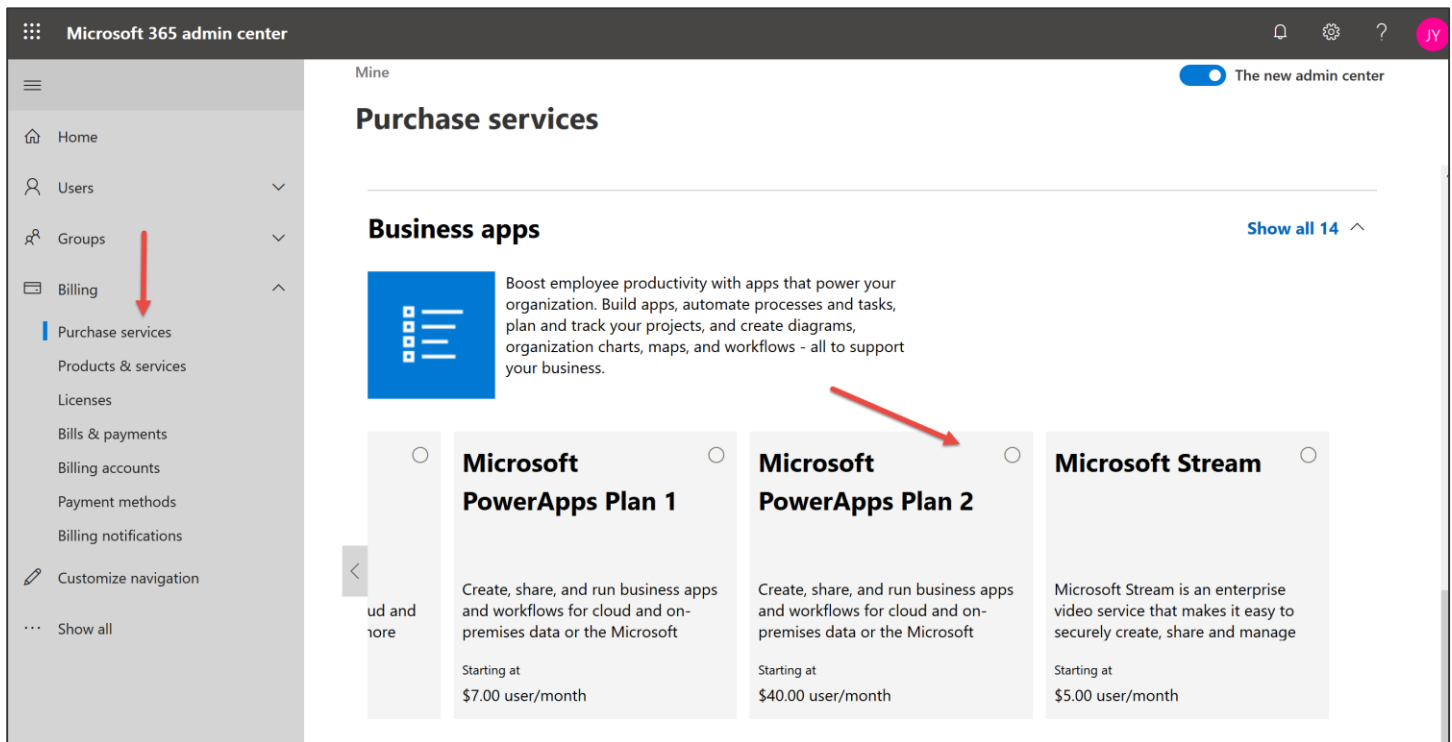
Pre-requisites: Before starting the hands-on lab

Task 1: Sign-in to Power Apps

1. **Confirm that you are licensed to use PowerApps:** Go to <http://make.powerapps.com> and sign-in with your business or school account. This is the same as your Office 365 or Dynamics 365 login.
2. **Plan 2 Trial of Power Apps:** Usage of the Common Data Service requires a Power Apps license. Go to <https://powerapps.microsoft.com/pricing> to start a free 30-day trial. For more detailed information on signing up for a free trial, see [here](#). For information on signing up for a free community plan for individual use, see [here](#).

NOTE: This lab documentation assumes that you will use the web version of the Power Apps Studio, which will run in a browser: Microsoft Edge, Internet Explorer 11, Google Chrome, or Safari.

NOTE: If you are unable to sign-up for a Power Apps license using your organization credentials, you may provision a free Office365 trial tenant at <http://aka.ms/Office365E5Trial>. Use these credentials to sign up for a Power Apps Trial. *Make sure to assign the new Power Apps license to your user.*

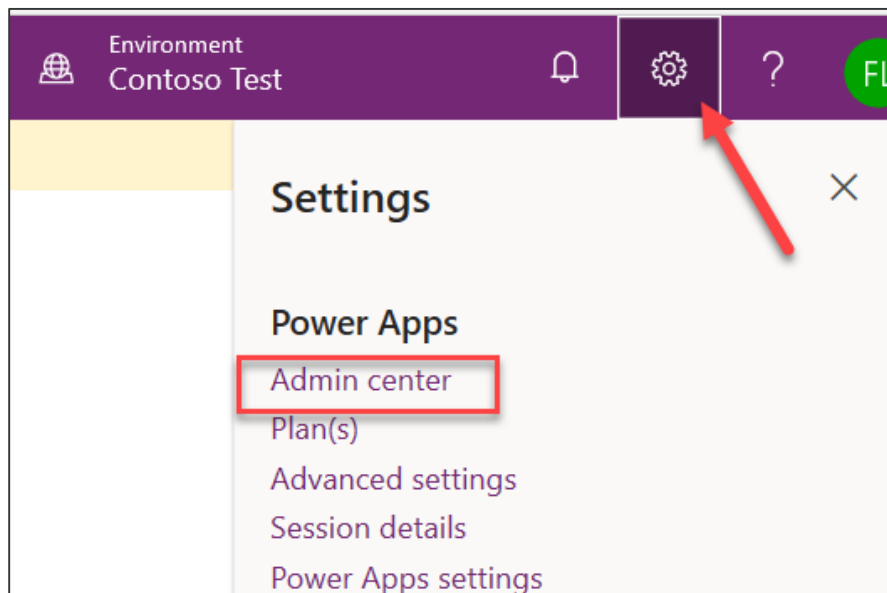


Task 3: Create a new environment and CDS for Apps database instance/ create database for present environment

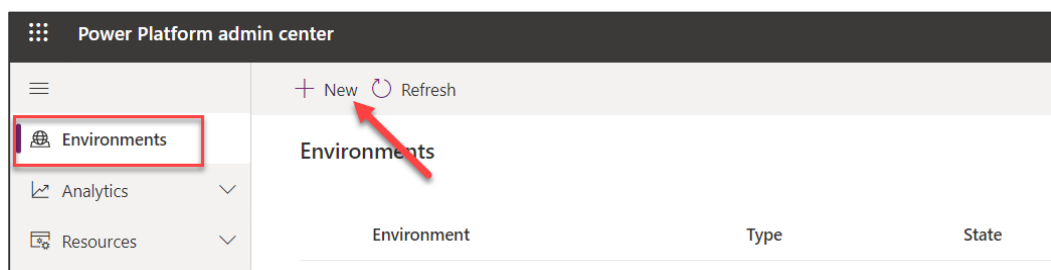
You must have a newly created CDS for Apps environment and database instance.

1. Open the PowerApps admin center by navigating to <https://admin.powerplatform.microsoft.com> in a web browser.
2. You may be prompted to sign up for a free Power Apps trial if you did not already complete this as part of a previous step. Follow the prompts to start your trial, which will give you access to the admin center.

Note: you can also access the admin center by signing in at <http://make.powerapps.com> and clicking the settings icon in the top right and selecting **Admin center**.



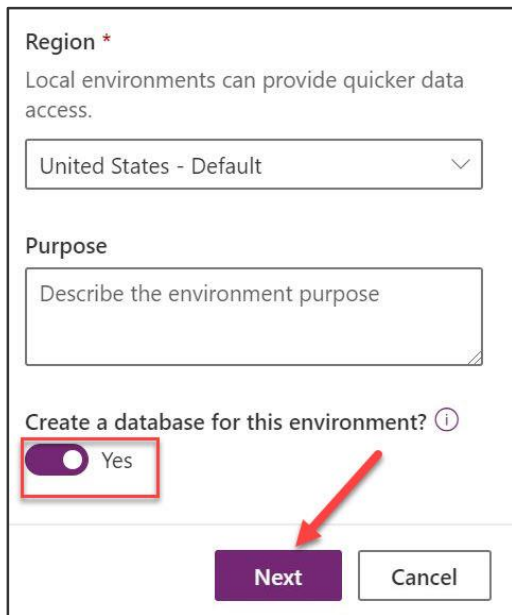
3. In the Admin center, select **Environments** and click **+New**.



4. Provide a name for the environment. A common practice is to use your name followed by "Test" so it is clear this is a test environment.

A screenshot of the "New environment" form. The "Name" field is highlighted with a red box and contains the text "Contoso Test". The "Type" dropdown is set to "Trial". The "Region" dropdown is set to "United States - Default". The "Purpose" field is empty and has a placeholder text "Describe the environment purpose".

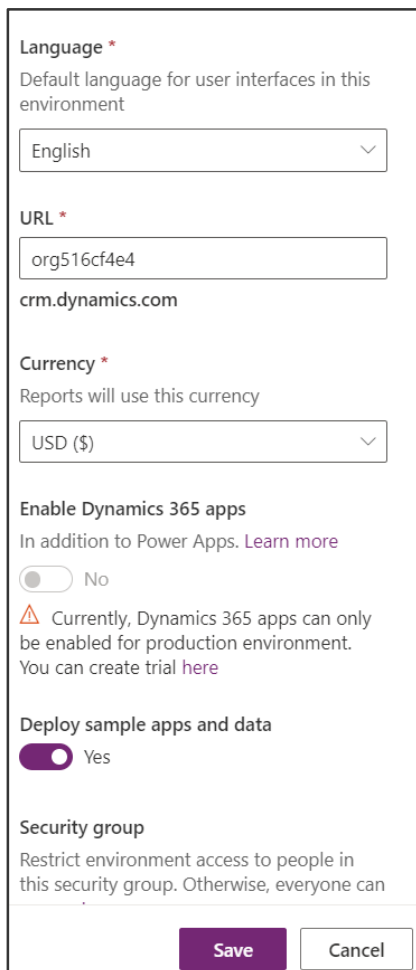
5. Switch **Create a database for this environment** to **yes** and click **Next**



The screenshot shows a configuration window with the following elements:

- Region ***: A dropdown menu showing "United States - Default". Below it, a note states: "Local environments can provide quicker data access."
- Purpose**: A text input field with the placeholder "Describe the environment purpose".
- Create a database for this environment? ⓘ**: A toggle switch is set to "Yes". This toggle and its label are highlighted with a red rectangle.
- Next** and **Cancel** buttons: Located at the bottom right. A red arrow points from the "Yes" toggle to the "Next" button.

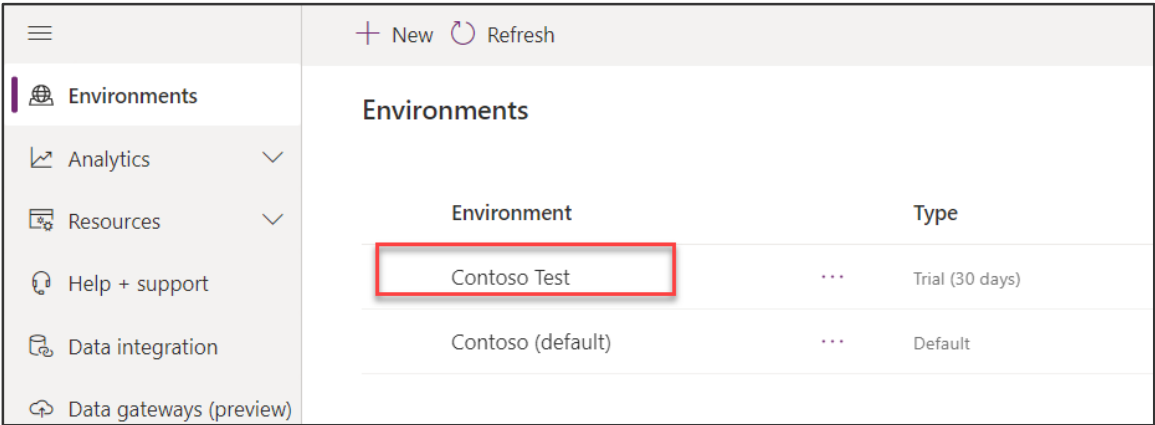
6. Select your **Currency**, **Language**, and make sure that **Deploy sample apps and data** is set to **yes**. Then, click **save**.



The screenshot shows a configuration window with the following elements:

- Language ***: A dropdown menu showing "English". Below it, a note states: "Default language for user interfaces in this environment".
- URL ***: A text input field containing "org516cf4e4". Below it, the text "crm.dynamics.com" is displayed.
- Currency ***: A dropdown menu showing "USD (\$)". Below it, a note states: "Reports will use this currency".
- Enable Dynamics 365 apps**: A toggle switch is set to "No". Below it, a warning message with a triangle icon states: "Currently, Dynamics 365 apps can only be enabled for production environment. You can create trial [here](#)".
- Deploy sample apps and data**: A toggle switch is set to "Yes".
- Security group**: A text input field is empty. Below it, a note states: "Restrict environment access to people in this security group. Otherwise, everyone can".
- Save** and **Cancel** buttons: Located at the bottom right.

7. You will see a screen listing all environments that will show the newly created environment.



8. **IMPORTANT:** You need to wait for the database to finish provisioning before trying to create an application; the state will change to **Ready** when it is ready.

Environments					
Environment		Type	State	Region	Created
Contoso Test	...	Trial (30 days)	Ready	United States	06/0
Contoso (default)	...	Default	Ready	United States	06/0

9. This may take a few minutes to complete. Wait for it to complete before proceeding with creating an app. If it has been over two minutes, try refreshing the browser. Once the database has been created you should no longer see this "Provisioning database" message. You can then proceed with the lab.

Lab survey

Once you've completed the lab, we would appreciate your feedback on: both the product technologies that you learned about today – PowerApps, Common Data Service, Power Automate, AI Builder and on the lab content – the value of the learning experience and the quality of the documentation.

Please use the survey at <https://aka.ms/AppIn60MinSurvey> to share your feedback.

You may provide feedback for all modules at once, or as you complete each module. Thank you!

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