Contents

Project for the web admin help

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Learn about resources available for Project for the web admins.

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Project for the web get started guide for admins

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Project for the web is a new service that is now available to Office 365 users. You can make it available to your users through the following licenses:

- Project Plan P1
- Project Plan P3 (previously called Project Online Professional)
- Project Plan P5 (previously called Project Online Premium)

If your users are currently using Project Online Professional or Project Online Premium licenses, Project for the web is available to them now.

This article provides admins information to help them better understand and manage the service.

Learn more about Project for the web

The follow can be helpful to you if you are an admin who wants to learn more about Project for the web. It can be especially helpful if your organization currently uses Project Online or the Project Online Desktop Client.

- What is Project for the web?
- What can you do with Project for the web?
- Project for the web and Project Online
- Project for the web and Project Online desktop client
- Deploying Project for the web
- Customizing Project for the web
- Microsoft Project Service Description

Turn off Project for the web for specific users

If your organization currently uses Project Online Professional (renamed to Project Plan P3) or Project Online Premium (renamed to Project Plan P5), users with these licenses will automatically get Project for the web. If you are not ready to make Project for the web available to some of these users, you can turn it off. Learn how to do this in Turn off Project for the web.

Help your users

Project for the web is designed to be easy-to-use and intuitive. You can use the following articles, quick starts, and videos to help your users learn how to better use Project for the web.

- QuickStart guide: Create your project
- QuickStart guide: Build your project
- QuickStart guide: Manage your project
- Share a project in Project for the web
- Project training

Reporting information on Project for the web data

Project for the web data is stored in your Dynamics 365 Dataverse default instance. You can view Power BI reports by connecting to the data with Power BI Desktop, which is described in the following article:

Connect to Project data through Power BI Desktop

Dataverse

Your Project for the web and Roadmap data is stored in Dataverse (formerly Common Data Service).

Initial use of Project for the web or Roadmap in your tenant will automatically create the default Dataverse instance. Admins have the option to deploy Project to additional environments.

Resource setup in PowerApps

While sharing and access to your project in Project for the web is done through Office 365 groups, it is important to note that Project for the web uses the PowerApps platform. Some resource setup tasks such as adding non-user resources or creating a work schedule template and applying it to resources are done in PowerApps.

Searching for user data for Project for the web

If you need to find a specific user's data in Project for the web (for example, all project the user owned or created), you can find that information in the following articles:

- Export user data from Project for the web
- Delete user data from Project for the web

See Also

Deploying Project

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Project for the web is available for use in the Default Environment as well as in Sandbox and Production Dataverse environments.

Project for the web in the Default environment enables customers to quickly get started creating projects, managing schedules, and sharing them with other users in the organization. Because everyone is a member of this environment by default, enabling users to create and manage Projects only requires that you assign a Project license to them.

For some situations, you should consider deploying Project to additional environments. These are:

- Application Lifecycle management (Development/Test/Production)
- Data residency requirements for when the tenant is in a different geography than the users
- Customizing Project to behave differently for different business units

If you are looking to deploy to additional environments, you will need to create the environments, deploy Project, and configure access for users.

Learn more about Dataverse environments

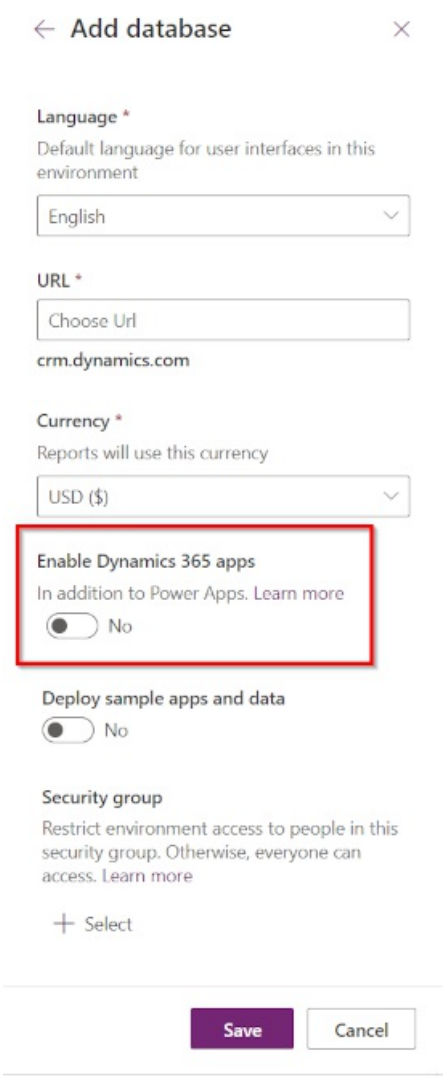
Provisioning a new environment

> **NOTE**
> This section only applies to Admins interested in deploying Project to a non-Default environment.

Project is supported in the following types of environments

- Default
- Production
- Sandbox

To be able to deploy to Sandbox and Production environments, the environment needs to be created with a database and the "Enable Dynamics 365 Apps" toggle *must* be disabled.



Learn more about creating and managing environments.

Deploying Project for the web

System requirements

In order to be able to provision and use Project for the web, there are system prerequisites which are expected to be on, by default. The details of these system prerequisites are provided in the table below.

Enterprise applications

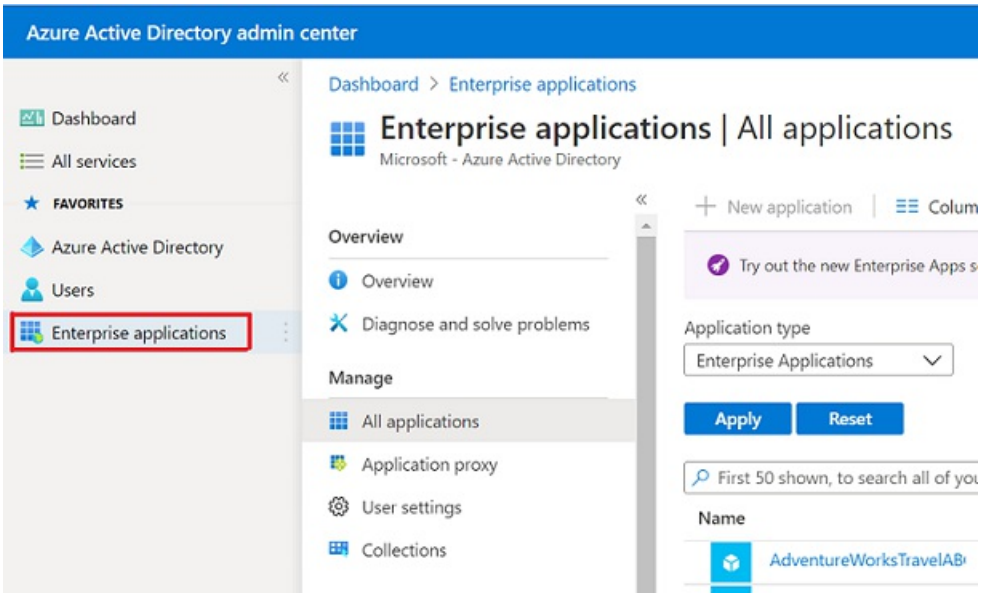
The following enterprise applications are to be enabled, by default.

APPLICATION NAME	APPLICATION ID
Dynamics Provision	39e6ea5b-4aa4-4df2-808b-b6b5fb8ada6f
Common Data Service	00000007-0000-0000-c000-000000000000
Microsoft Flow	7df0a125-d3be-4c96-aa54-591f83ff541c
Microsoft PowerApps	475226c6-020e-4fb2-8a90-7a972cbfc1d4
Dynamics CRM Online Administration	637fcc9f-4a9b-4aaa-8713-a2a3cfda1505

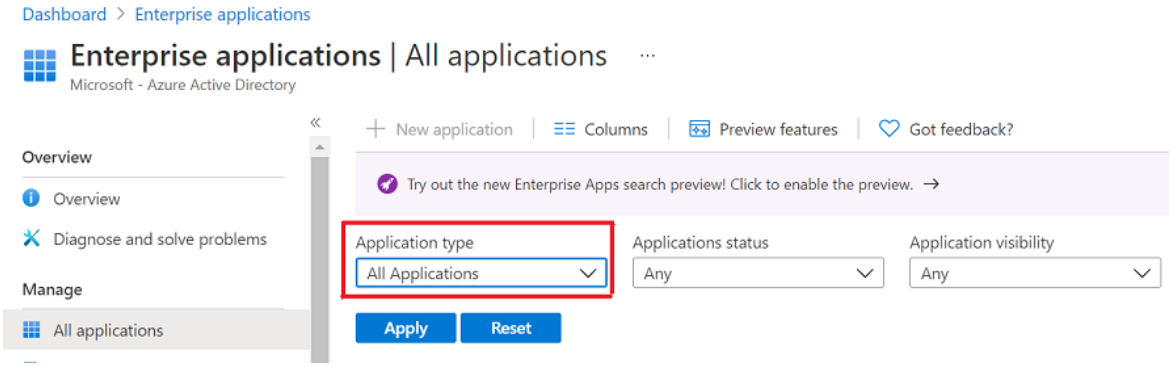
Verifying status of Enterprise applications

To verify whether the required Enterprise applications are enabled, perform the following steps:

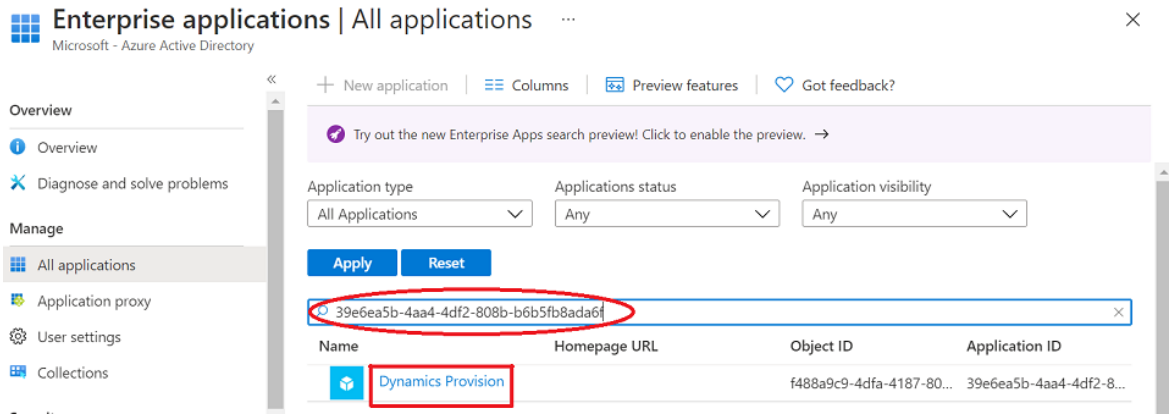
1. Sign in to as the tenant admin using https://aad.portal.azure.com/
2. Click **Enterprise Applications**. The **Enterprise applications** screen appears.



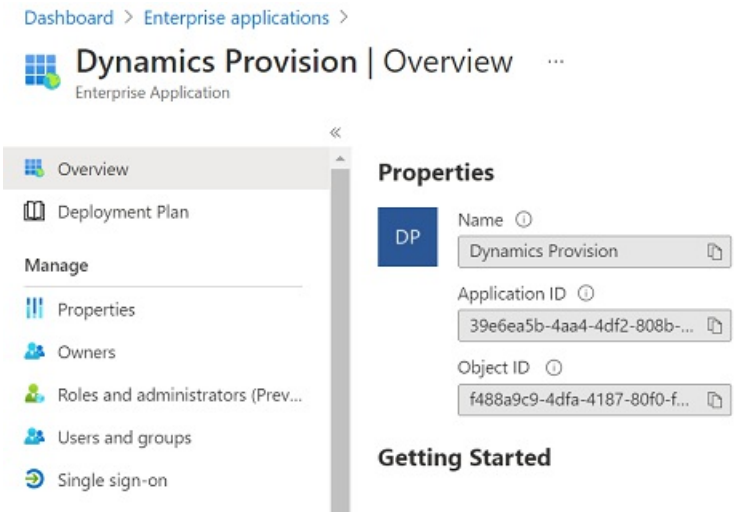
3. From the **Application Type** dropdown, choose **All Applications** and click **Apply**.



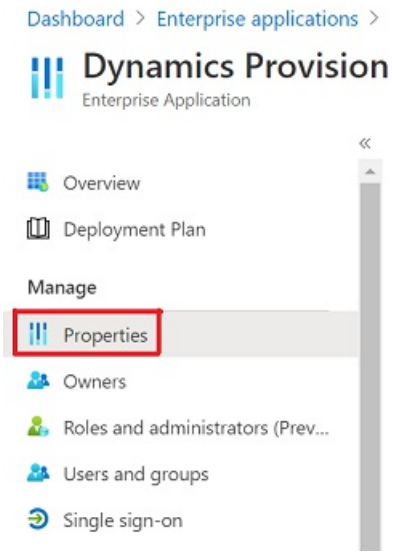
4. Use the textbox right below and search for the application ID listed in the table. For example, **39e6ea5b-4aa4-4df2-808b-b6b5fb8ada6f**. The application **Dynamics Provision** is displayed in the result pane.



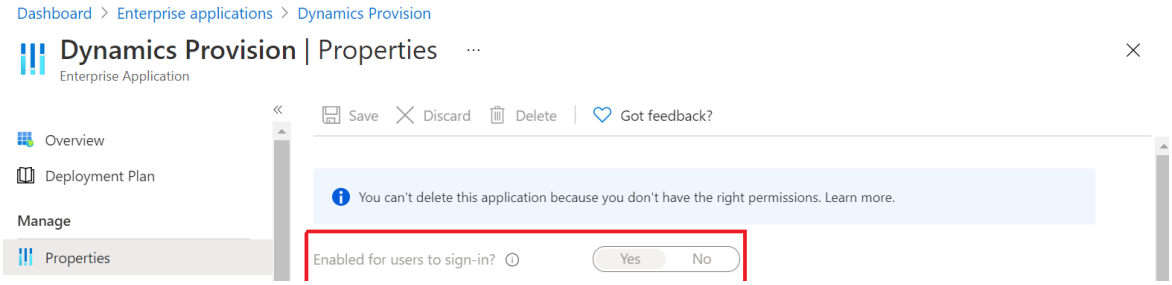
5. Click **Dynamics Provision**. The **Dynamics Provision** screen appears.



6. Click **Properties** on the left pane.



7. Ensure that **Enabled for users to sign-in** is set to **Yes**.



8. Repeat Steps 1-7 for each of the Enterprise applications listed above.

Verifying status of required Enterprise applications using Azure Active Directory PowerShell for Graph

For administrators who prefer Azure Active Directory PowerShell for Graph instead of the above manual steps, they can use the following script to check if the above list of Applications are enabled:

```
Connect-AzureAd

Write-Host "Detecting required Azure AD Applications that have been disabled..." -ForegroundColor Yellow

$ProjectRequiredAppsThatAreDisabled = Get-AzureADServicePrincipal -Filter "

                            AppId    eq '00000007-0000-0000-c000-000000000000'
                            or AppId eq '475226c6-020e-4fb2-8a90-7a972cbfc1d4'
                            or AppId eq '637fcc9f-4a9b-4aaa-8713-a2a3cfda1505'
                            or AppId eq '7df0a125-d3be-4c96-aa54-591f83ff541c'
                            or AppId eq '39e6ea5b-4aa4-4df2-808b-b6b5fb8ada6f'
                            " | ? {$_.AccountEnabled -eq $false}

If ($ProjectRequiredAppsThatAreDisabled)

{
    Write-Host "Required Azure AD Apps that have been disabled: "
    $ProjectRequiredAppsThatAreDisabled | Select AppId, DisplayName, AccountEnabled, ObjectId | ft -a
}
Else
{
    Write-Host "All Azure AD Applications required for Project for the web functionality has been enabled."
-ForegroundColor Yellow
}
```

The following script does the same as above and in addition, for each disabled application, it prompts the administrators if they want it enabled:

```
Connect-AzureAd

Write-Host "Detecting required Azure AD Applications that have been disabled..." -ForegroundColor Yellow

$ProjectRequiredAppsThatAreDisabled = Get-AzureADServicePrincipal -Filter "

                                AppId    eq '00000007-0000-0000-c000-000000000000'
                                or AppId eq '475226c6-020e-4fb2-8a90-7a972cbfc1d4'
                                or AppId eq '637fcc9f-4a9b-4aaa-8713-a2a3cfda1505'
                                or AppId eq '7df0a125-d3be-4c96-aa54-591f83ff541c'
                                or AppId eq '39e6ea5b-4aa4-4df2-808b-b6b5fb8ada6f'
                                " | ? {$_.AccountEnabled -eq $false}

If ($ProjectRequiredAppsThatAreDisabled)
{
    Write-Host "Required Azure AD Apps that have been disabled: "
    $ProjectRequiredAppsThatAreDisabled | Select AppId, DisplayName, AccountEnabled, ObjectId | ft -a



    #For each detected App that has been disabled, reenable it.
    foreach ($DisabledApp in $ProjectRequiredAppsThatAreDisabled)
    {
    Write-Host "`nProcessing Application: $($DisabledApp.DisplayName) with Application Id:
$($DisabledApp.AppId) and AccountEnabled state of: $($DisabledApp.AccountEnabled)" -ForegroundColor Yellow

    $ResponseToEnableApp = Read-Host "Do you want to enable this application? [Yes or No]"
    while("Yes","No" -notcontains $ResponseToEnableApp){$ResponseToEnableApp = Read-Host "Do you want to
enable this application? [Yes or No]"}

    if ($ResponseToEnableApp -ieq "Yes")
    {
        Set-AzureADServicePrincipal -ObjectId $DisabledApp.ObjectId -AccountEnabled $True
        Write-Host "App: $($DisabledApp.DisplayName) has been enabled."
    }
    else
    {
        Write-Host "AccountEnabled state for app: $($DisabledApp.DisplayName) left as is at the current
state of: $($DisabledApp.AccountEnabled)"
    }
  }
}
Else

{
    Write-Host "All Azure AD Applications required for Project for the web functionality has been enabled."
-ForegroundColor Yellow
}
```

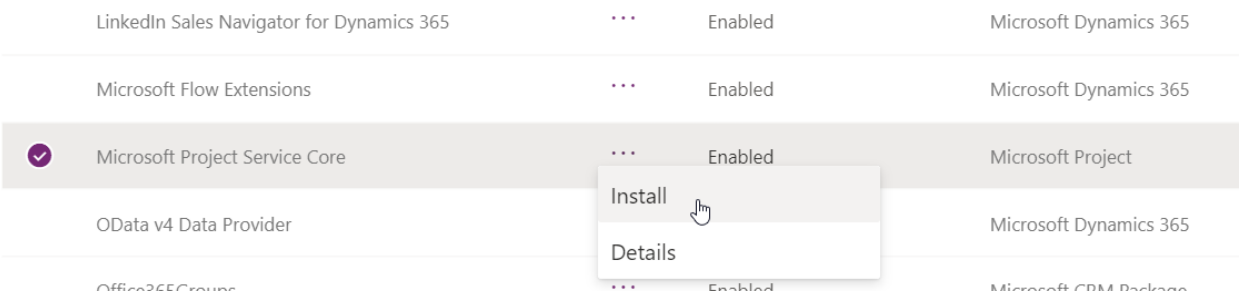
Deploying to the Default environment

Deployment of Project to the Default environment is done for you automatically. When Project for the web or Roadmap are first used in an Office 365 tenant, a Default Dataverse instance is provisioned for the tenant and the solutions are deployed.

Deploying to a non-Default environment

Deploying Project to a non-Default environment is done from within the Power Platform Admin Center (PPAC).

Open the **Resources > Dynamics 365 apps** page from the left-hand navigation menu. Then, install the **Project Service Core** package into your environment.



> **NOTE**
> If the installation package isn't appearing in the list of available packages, either the tenant doesn't have a Project license, or the environment was created with the "Enable Dynamics 365 Apps toggle" enabled.

Learn more about using the PPAC to deploy applications.

Configuring Roles and Security

Sandbox and Production environments require additional configuration. Assign the **Project Common** and **Project User** roles to anyone who will be creating Projects in the environment. Also, ensure these users have the appropriate Project license.

There is no additional configuration needed to enable users to manage Projects in the Default environment. Users in the Default environment only need a Project license to be able to create and manage Projects.

Learn more about security roles in the Dataverse.

> **NOTE**
> Project-related roles are only available after the Project Service Core package has been deployed to the environment.

Creating and managing projects in non-Default environments

In non-Default environments, projects are created and managed via the Project Power App. Users with the Project User and Project Common roles will see the Project app tile appear in Dynamics Home.

Turn Project for the web or Roadmap on or off for users in your organization

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Access to Project for the web is available to users if they are assigned one of the following licenses:

- Project Plan 1
- Project Plan 3 (previously called Project Online Professional)
- Project Plan 5 (previously called Project Online Premium)

Users who have Project Plan 3 and Project Plan 5 licenses have access to not only Project Online and the Project Online Desktop Client, but also Project for the web and Roadmap.

> **NOTE**
> Users only have read-only access to Roadmap through the Project Plan 1 license.

How admins can control access to Project for the web and Roadmap

An Office 365 admin may want to control user access to Project for the web or Roadmap in their Office 365 tenant for various reasons. For example:

- An admin may want to turn on Project for the web for the organization, but turn it off for a some users who currently work exclusively in Project Online.
- An admin may want to turn off Project for the web temporarily to all users so that they can roll it out gradually.
- The admin may want to turn the Roadmap feature on to all users in the tenant, even if Project for the web is turned off.
- The admin may want to only provide Project for the web and Roadmap to specific users, and does not want to give them access to Project Online.

This article describes how admins can use do the following to address the above and similar scenarios:

- Turn Project for the web on or off for all users
- Turn Project for the web on or off only for specific users
- Turn the Roadmap feature on or off to all users
- Turn off Project Online to specific users

Turn Project for the web on or off for all users in your organization

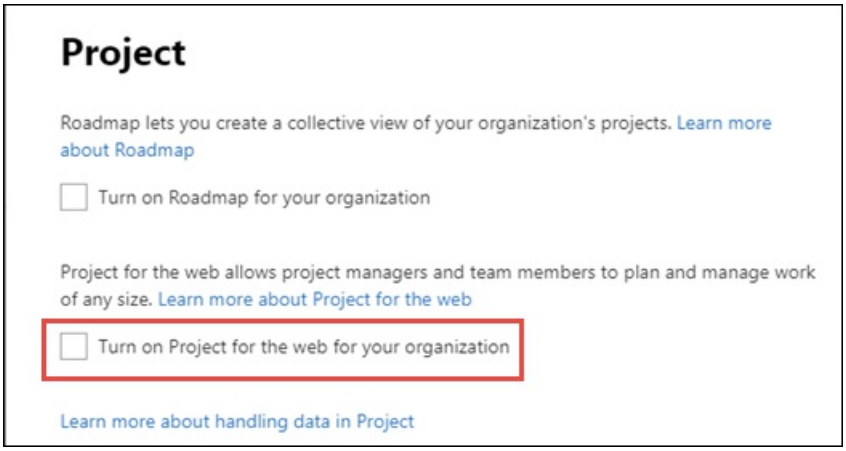
An admin can turn Project for the web on or off for all users in their organization through the Project settings page in the Microsoft 365 admin center.

IMPORTANT

This setting is only available in the new Microsoft 365 admin center. If you are using the classic admin center, you will need to switch to the new Microsoft 365 admin center to access this setting.

To turn on or off Project for the web:

1. In the Microsoft 365 admin center, expand the navigation menu, select **Settings**, and then select **Org Settings**.
2. Select **Project**.
3. On the **Project** settings page, select or deselect **Turn on Project for the web for your organization**, and then click **Save changes**.



If an admin tries to access the Project settings page and receives the error message *Unable to retrieve settings*, have a licensed user go to their Project Home page (project.microsoft.com). This will initiate Project for the web on the tenant and will make the Project settings available for the admin.

IMPORTANT

Currently, if you turn on Project for the web, actual activation on your tenant will happen at a later date (see your Message Center for more details).

IMPORTANT

Turning Project for the web on or off will have no effect on your ability to use Project Online.

Project for the web is not turned on for your organization

If your licensed users were previously able to use Project for the web, but are no longer able to, you can resolve this by turning on Project for the web in the steps described above.

The problem will appear as:

- Your users will no longer see the **New blank project** option on the Project Home page.
- When opening a project, users will see the error **Project is not turned on for your organization**.

Turn off Project for the web for specific users in your organization

An admin can manage access to Project for the web for specific users by turning off the service for their associated Project Plan licenses. This assumes that that Project for the web is turned turned on for the organization in the Project settings page in the Microsoft 365 admin center.

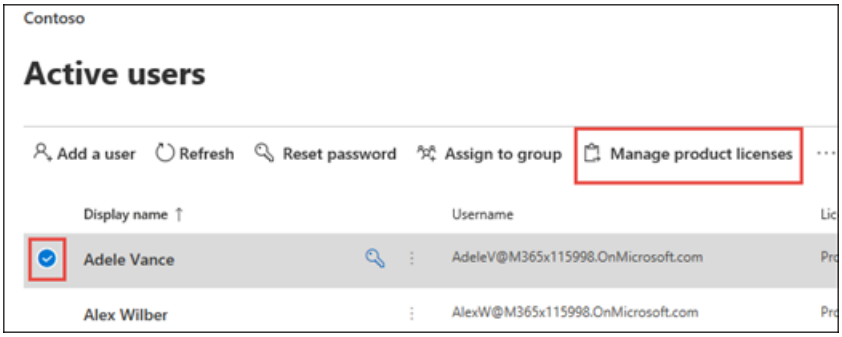
If you want to turn off Project for the web for specific users in your organization, an admin can do this by turning off the **Project P3** service for the user in the Microsoft 365 Admin Center.

You might want to do this if your users currently use Project Online (through Project Plan P3 or Project Plan P5 licenses) and you don't want to give all of your users access to Project for the web at the moment.

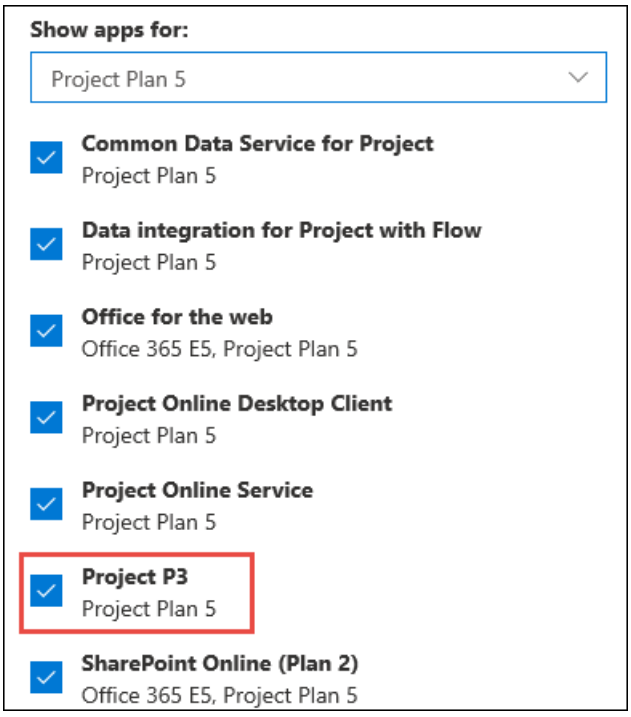
> **NOTE**
> Turning off Project for the web for the individual user will also turn off the Roadmap feature for them, even if the Roadmap admin setting is turned on.

To turn off Project for the web for a user:

1. In the Microsoft 365 Admin Center, select **Users**, then select **Active Users**.
2. From the **Active users** list, select the checkbox next to the user, and then click **Manage product licenses**.



3. On the user information page, select the **licenses and app** tab, in the **Apps** section, select the user's Project Online license from the **Show apps for** drop down menu. This would be either Project Online Professional or Project Online Premium.
4. In the list of apps that display, uncheck **Project P3**, and then click **Save changes**.



You can repeat this procedure for each user that you don't want to use Project for the web.

> **IMPORTANT**
>
> The service plan that disables Project for the web is called **Project P3**. It is important to distinguish it from **Project Plan 3**, which is one of the three licenses in which Project for the web is available. Project Plan 1, Project Plan 3, and Project Plan 5 are all licenses that have the Project P3 service plan.

Turn Project for the web off for multiple users using Windows PowerShell

If you need to turn off Project for the web for a large number of users, it may be easier for an admin to do this through Windows PowerShell instead of through the Microsoft 365 admin center.

> **NOTE**
>
> Before attempting this, you first need to install the required modules and be a global admin on your tenant.
> Also, when you open Windows PowerShell, make sure to run as an administrator.

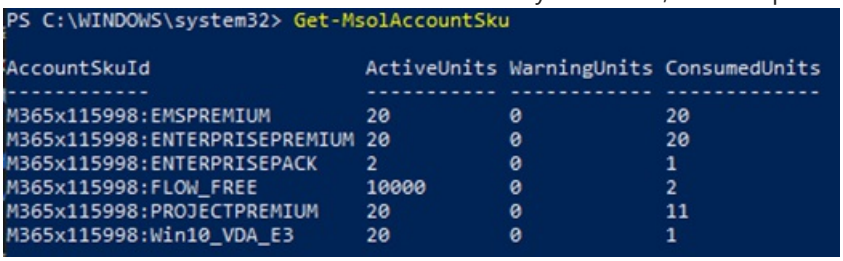
1. In Windows PowerShell, type and enter the following to sign into your tenant.

```
Connect-MsolService
```

2. Type the following to find the **AccountSkuId** of your Project Online licenses.

```
Get-MsolAccountSku
```

You should see a list of the licenses available on your tenant, for example:



3. Look for the accountSKUid values that contain **PROJECTPREMIUM** or **PROJECTPROFESSIONAL**.

- PROJECTPREMIUM is Project Plan 5 (Project Online Premium)
- PROJECTPROFESSIONAL is Project Plan 3 (Project Online Professional)

  The value will be prefixed by the tenant domain name. For example, in the image above, the AccountSKUID value for the Project Online Premium license is **M365x115998:PROJECTPREMIUM**.

4. Create a $LicenseOption object that disables the Project P3 service plan (PROJECT_PROFESSIONAL) from the Project Plan 3 and Project Plan 5 licenses (the AccountSKUID values).
   In our example, the following will disable the Project P3 service plan in a Project Plan 5 license.

```
$LicenseOptionsPremium = New-MsolLicenseOptions -AccountSkuId "M365x115998:PROJECTPREMIUM" -DisabledPlans
"PROJECT_PROFESSIONAL"
```

If the tenant had Project Plan P3 licenses (Project Online Professional) , the following will disable it in that license.

```
$LicenseOptionsProfessional = New-MsolLicenseOptions -AccountSkuId "M365x115998:PROJECTPROFESSIONAL" -
DisabledPlans "PROJECT_PROFESSIONAL"
```

5. After you've created the objects, create a list of your user accounts in which you'd like to disable Project for the web. There are different ways to do this, such as importing from a CSV file. For our example, we'll create a UPNList with the user accounts in which we want to disable Project for the web.

```
`$UPNList = @("AdeleV@M365x115998.OnMicrosoft.com","AlexW@M365x115998.OnMicrosoft.com")
```

6. After creating your list, apply the applicable $LicenseOption object to each user account.
   For our example, we're applying the $LicenseOptionsPremium object to each user in the UPNList, which would disable Project for the web from each user who has a Project Plan P5 license.

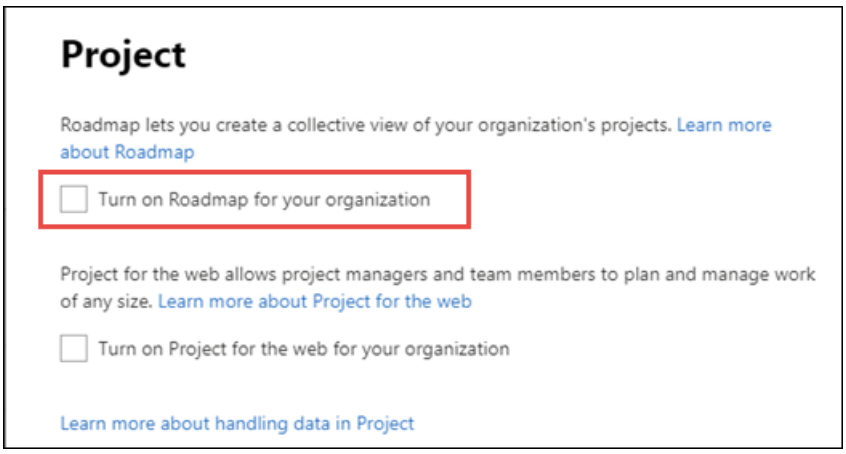
```
ForEach ($UPN in $UPNList)
{
    Set-MsolUserLicense -UserPrincipalName $UPN -LicenseOptions $LicenseOptionsPremium
}
```

For more information about disabling services through Office 365 PowerShell, see Disable access to services with Office 365 PowerShell.

Turn Roadmap on or off

An admin can do the following to turn Roadmap on or off for their organization:

1. In the Microsoft 365 admin center, expand the navigation menu, select **Settings**, and then select **Settings**.
2. Select **Project**.
3. On the **Project** settings page, select or deselect **Turn on Roadmap for your organization**, and then click **Save changes**.



4. Project Roadmap may requires the Project Roadmap connector to be added to a **Data Policy** in the Power Platform admin center. At the moment, the Project Roadmap connector does not show up in the GUI of the **Data Policy**. Therefore, please follow along this guidance in order to add the Project Roadmap connector to the data group **Business** in the desired **Data Policy**.

```
$userName = "<your username>"
$userPassword =  "<your userpassword>"
$DlpDisplayName = "<your desired DLP Policy DisplayName"

# Connect to PowerApps
Add-PowerAppsAccount -Username $userName -Password $userPassword

# Get all Power Platform DLP policies (Data Policies)
Get-AdminDlpPolicy

# Set desired DLP policy to be modified
$DlpPolicy = Get-AdminDlpPolicy | Where-Object DisplayName -EQ $DlpDisplayName

# Get BusinessDataGropup connectors of specific DLP Policy and check for ConnectorId
'/providers/Microsoft.PowerApps/apis/shared_projectroadmap'
Get-AdminDlpPolicy -PolicyName $DlpPolicy.PolicyName | Select-Object –ExpandProperty BusinessDataGroup

# Add Connector "Project Roadmap" to BusinessDataGropup of DLP policy and check for Status 200 / Description
OK
Add-CustomConnectorToPolicy -PolicyName $DlpPolicy.PolicyName -ConnectorId
'/providers/Microsoft.PowerApps/apis/shared_projectroadmap' -GroupName hbi -ConnectorName "Project Roadmap"
-ConnectorType "Microsoft.PowerApps/apis"

# Verify DLP policy settings
Get-AdminDlpPolicy -PolicyName $DlpPolicy.PolicyName | Select-Object –ExpandProperty BusinessDataGroup |
Where-Object name -EQ "Project Roadmap"
```

Roadmap is not turned on for your organization

If your licensed users were previously able to use Roadmap, but are no longer able to, you can resolve this by turning on Roadmap in the steps described above.

The problem will appear as:

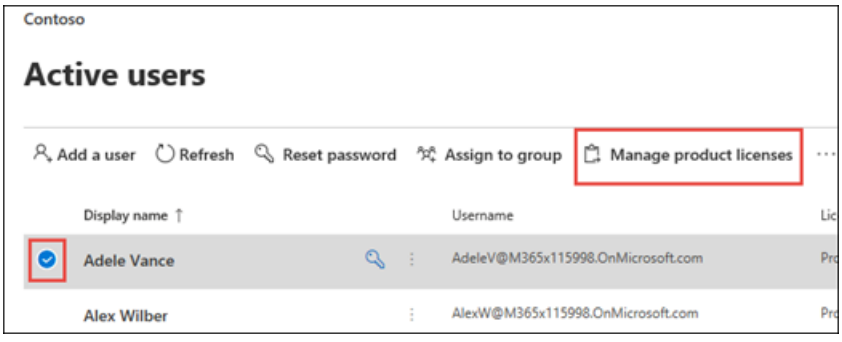
- Your users will no longer see the **New Roadmap** option on the Project Home page.
- When opening a roadmap, users will see the error **Roadmap is not turned on for your organization**.

Turn Project Online off

An admin may want certain users to have access to Project for the web and the Roadmap feature, and not Project Online. To do this, the admin would not only need to turn on Project for the web and Roadmap in Project settings, but also need to turn off the Project Online service for the user through their assigned Project Plan 3 or Project Plan 5 license.

To turn off Project Online:

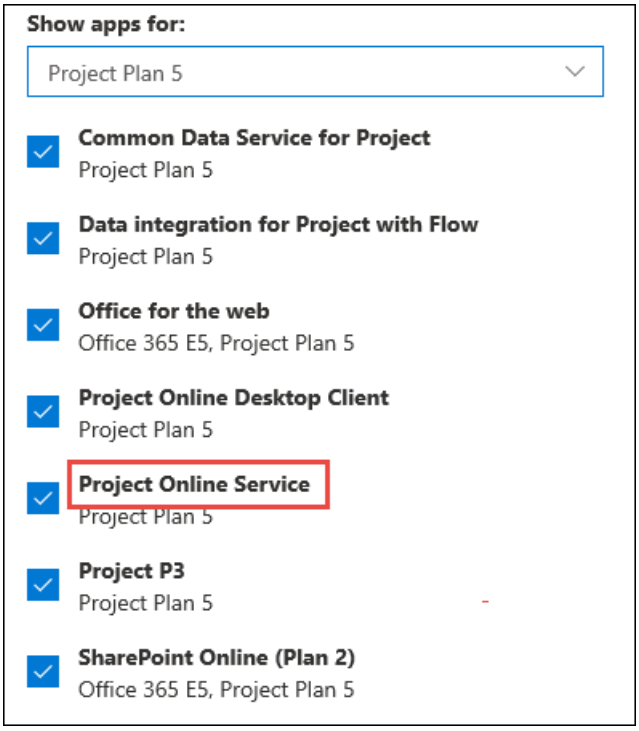
1. In the Microsoft 365 Admin Center, select **Users**, then select **Active Users**.
2. From the **Active users** list, select the checkbox next to the user, and then click **Manage product licenses**.



3. On the user information page, select the **licenses and app** tab, in the **Apps** section, select the user's

Project Online license from the **Show apps for** drop down menu. This would be either **Project Plan 3** or **Project Plan 5**.

4. In the list of apps that display, uncheck **Project Online Service**, and then click **Save changes**.



You can repeat this procedure for each user that you want to use only Project for the web and Roadmap.

> **IMPORTANT**
> Turning Project Online on or off for a specific user will have no effect on their ability to use Project for the web.

See Also

Project architecture overview

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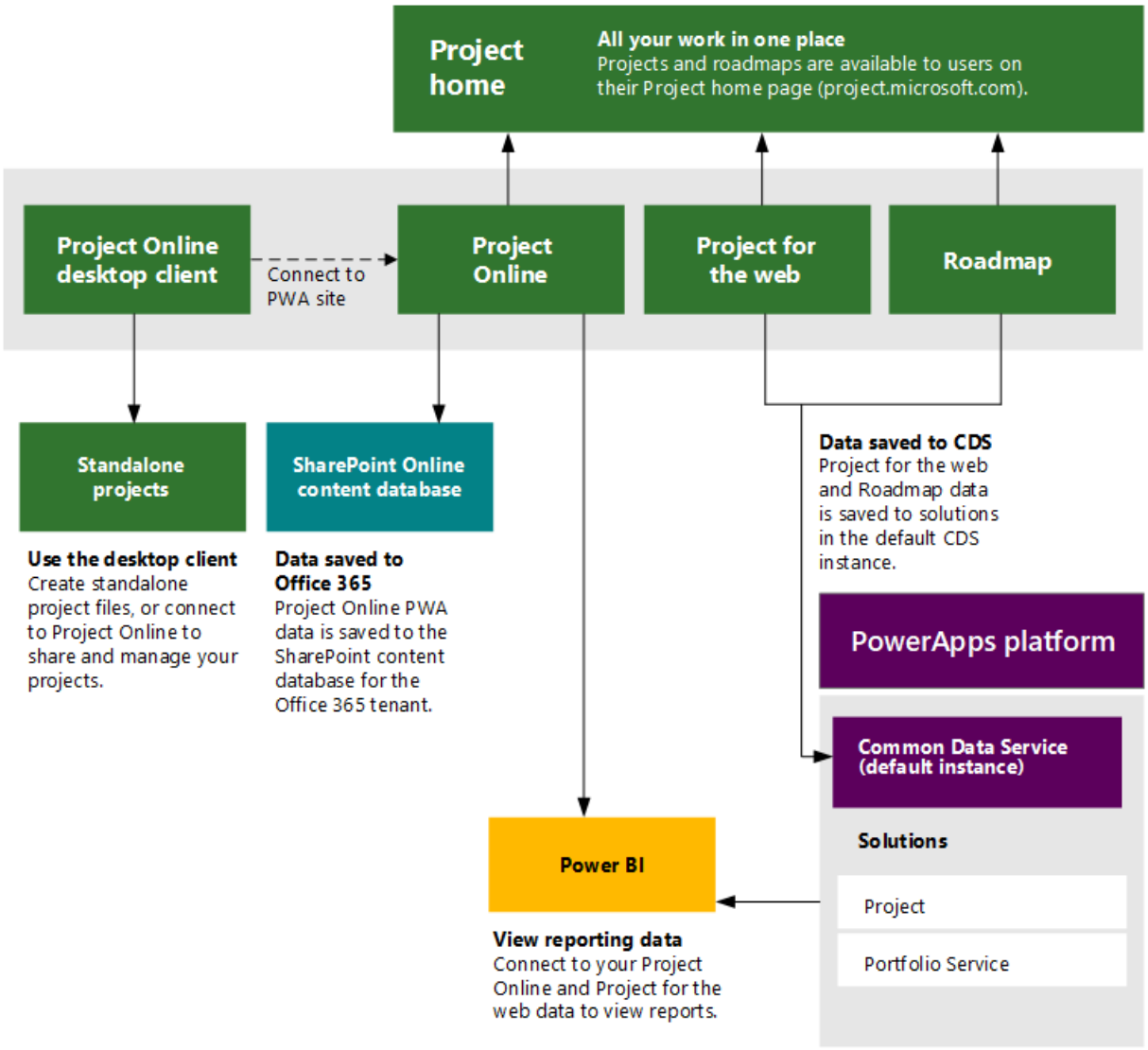
This article gives you an overview of the logical architecture that exists for key apps that are provided in Project.



Key Project apps

The architecture diagram above shows the key apps that are available through Project Plan subscriptions:

- Project for the web
- Roadmap
- Project Online
- Project Online Desktop Client

For more details about features that are available through these project apps and services, see Feature availability across apps and subscriptions in the Microsoft Project service description.

Project Plans

The key Project apps described in this article are available in the following Project Plans.

PLAN	PROJECT PLAN 1	PROJECT PLAN 3	PROJECT PLAN 5
Project or the web	Available	Available	Available
Roadmap	Read-Only	Available	Available
Project Online	Not Available	Available	Available
Project Online Desktop Client	Not Available	Available	Available

> **NOTE**
> In Project Plan 1, users can only view roadmaps in read-only.

For more details on Project Plans, see the Microsoft Project Service Description.

Project for the web

Project for the web provides simple, powerful work management capabilities to meet most needs and roles. Project managers and team members can use Project for the web to plan and manage work of any size.

Platform

Project for the web is built on the Microsoft Power Platform. The Power Platform consists of PowerApps, Power Automate, Power BI, and Dataverse. Integration with the Microsoft Power Platform lets you easily leverage its components to create custom business solutions and do advanced analytics and reporting on project data.

Just like Project Online, users can access their Project for the web projects through the Project Home page. It will by default list projects that were recently viewed, owned by, or shared with the user.

Data storage

Project for the web data is saved in Dataverse. Dataverse is part of the Microsoft Power Platform, which Project for the web is built on.

Project for the web data is saved in entities in Solutions that are in a Dataverse instance, and can be identified by their display name of **Project**.

Reporting

You can use PowerBI Desktop to import and analyze not only your Project Online data, but also your Project for the web data as well. You can use the same Project Power BI template to view a Portfolio dashboard of reports that can be helpful in analyzing your data.

Roadmap

Use Roadmap to create a collective view of projects that are important to you. Your roadmap can connect to projects created in multiple tools, such as Project Online, Project for the web, and Azure DevOps.

Data storage

Roadmap data are saved to solutions in the Dataverse Default instance. While Project for the web data is saved as entities in **Project** solutions, Roadmap data is saved to entities in Dataverse solutions that have a display name of **Portfolio Service**.

Project Online

Project Online is a flexible online solution for Project Portfolio Management (PPM) and everyday work. Project Online provides powerful project management capabilities for planning, prioritizing, and managing projects and project portfolio investments—from almost anywhere on almost any device. Project Online can be used by administrators, portfolio managers and viewers, project and resource managers,and team leads and members.

Platform

Project Online is built on the SharePoint platform, and uses key SharePoint features such as web parts, collaborative sites, and SharePoint security groups. Access is provided through a supported web browser.

Users can access their Project Online projects through the Project Home page. It will by default list projects that were recently viewed, owned, or shared with the user.

Data Storage

Project Online data is stored to the SharePoint Content Database in Office 365. Each Project Online site created within the tenant creates a separate partition within the content database so that each instance is independent of each other. For example, custom fields used in one Project Online site are independent of another Project Online site.

Reporting

You can use PowerBI Desktop to import and analyze your Project Online data using Power BI. You can use the Project Power BI template to view a Portfolio dashboard of reports that can be helpful in analyzing your data. And as noted earlier, the same Project template can be used to include your Project for the web data as well.

For larger Project Online instances with very large amounts of data, you may want to use SQL Server Integration Services (SSIS) to access and analyze your data.

Project Online Desktop Client

Many project managers use the Project Online desktop client as a personal productivity tool for their project management needs. They build schedules in the client, save them as .mpp files, share these files with others, and keep them updated as the project progresses.

You can also use the Project Online Desktop Client to connect to a Project Online site to take advantage of its enterprise project and portfolio management capabilities.

See Also

Turn Project for the web off
Project for web get started guide for admins
Microsoft Power Platform documentation
Project for the web and Project Online
Project for the web and Project Online Desktop Client
Develop applications and reports for the new Project for the web

Project for the web limits and boundaries

3/6/2021 • 2 minutes to read • Edit Online

There are important limitations that you should know if you are using Project for the web. These limits apply to projects and tasks.

Project limitations

FIELD	LIMIT
Maximum total tasks for a project	500
Maximum total duration for a project	3650 days (10 years)
Maximum total resources for a project	150
Maximum total links (successor only) for a project	600
Maximum total custom fields for a project	10

Task limitations

FIELD	LIMIT
Maximum hierarchy level	10 levels
Maximum links (successor + predecessor)	20
Maximum duration of leaf task	1250 days
Maximum duration of a summary task	3650 days (10 years)
Maximum resources assigned to a task	20 resources
Supported date range for a task	1/1/2000 - 12/31/2149

Office 365 User view access to Project and Roadmap

3/6/2021 • 2 minutes to read • Edit Online

An appropriate Project Plan license needs to be assigned to your Office 365 users to use Project for the web or Roadmap. However, users that are assigned certain Office 365 licenses are allowed to have view access to Project for the web and Roadmap. This will allow them to have read-only access to projects and roadmaps that are shared with them, without needing to be assigned a Project Plan license.

If your users need to be able to edit or create projects or roadmaps, you will need to purchase the appropriate Project Plan license and assign it to the user.

> **NOTE**
> For more information about Project Plan subscriptions and understand what the capabilities of an Office 365 user are, see the Project service description.

Office 365 subscription with view access

Office 365 view access applies to the following families of Office 365 suites and their education counterparts.

- Microsoft 365 F3 and Office 365 F3
- Office 365 E1
- Microsoft 365 for business
- Microsoft E3 and Office 365 E3
- Microsoft E5 and Office 365 E5

Within each subscription there are two apps which can be seen from the Microsoft 365 Admin center.

- Project for Office (Plan X)
- Common Data Service

The "Plan" in the title of Project for Office comes from the family of suite the app is included in. Both apps (from the same subscription) must be assigned to the user to view Project for the web or Roadmap.

Project for Office App

FAMILY SUBSCRIPTION	ADMIN CENTER DISPLAY NAME	ID	NAME
F3	Project for Office (Plan F)	7f6f28c2-34bb-4d4b-be36-48ca2e77e1ec	PROJECT_O365_F3
E1	Project for Office (Plan E1)	a55dfd10-0864-46d9-a3cd-da5991a3e0e2	PROJECT_O365_P1
E3	Project for Office (Plan E3)	31b4e2fc-4cd6-4e7d-9c1b-41407303bd66	PROJECT_O365_P2

FAMILY SUBSCRIPTION	ADMIN CENTER DISPLAY NAME	ID	NAME
E5	Project for Office (Plan E5)	b21a6b06-1988-436e-a07b-51ec6d9f52ad	PROJECT_O365_P3

Note: Microsoft 365 for business subscriptions include Project for Office (Plan E1), Project for Office (Plan E3) or Project for Office (Plan E5).

Common Data Service App

FAMILY SUBSCRIPTION	ADMIN CENTER DISPLAY NAME	ID	NAME
F3	Common Data Service	ca6e61ec-d4f4-41eb-8b88-d96e0e14323f	DYN365_CDS_O365_F1
E1	Common Data Service	40b010bb-0b69-4654-ac5e-ba161433f4b4	DYN365_CDS_O365_P1
E3	Common Data Service	4ff01e01-1ba7-4d71-8cf8-ce96c3bbcf14	DYN365_CDS_O365_P2
E5	Common Data Service	28b0fa46-c39a-4188-89e2-58e979a6b014	DYN365_CDS_O365_P3

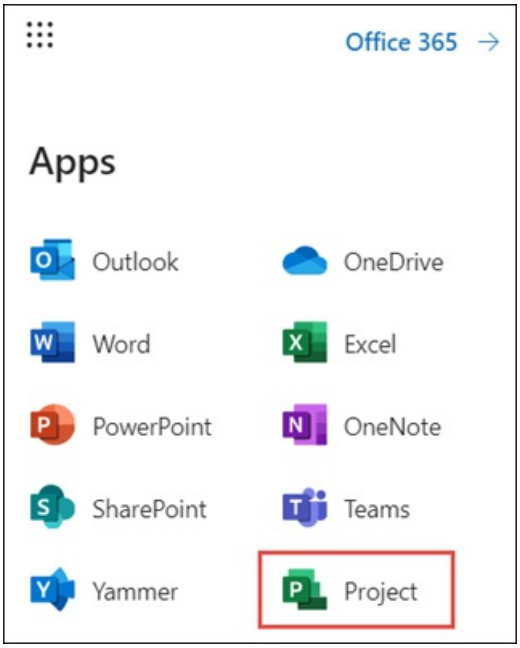
See Also

Remove Project from the Office 365 App Launcher
Project architecture overview
Office 365 platform service description

Remove Project from the Office 365 App Launcher

3/6/2021 • 3 minutes to read • Edit Online

If you have users with one of the Microsoft 365 or Office 365 licenses that allows them to view Project for the web projects and roadmaps, a Project tile will display in the Office 365 App Launcher.



An admin may want to keep the Project tile from displaying for the user in some situations, such as:

- When the user does not have a Project license and does not care to view Project for the web projects or roadmaps.
- When the user has a Project license, but doesn't use Project for the web or Roadmap.

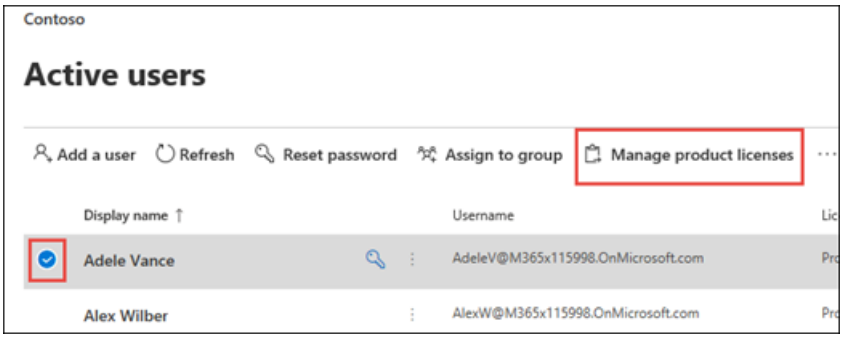
To remove the Project tile from the App Launcher for a user, an admin needs to remove the **Project for Office** service for the user's Microsoft 365 or Office 365 license in the Microsoft 365 admin center.

> **NOTE**
> If you had previously disabled the **Common Data Service for Project** service to hide the Project tile, please enable it and use the steps in this article to disable the new **Project for Office** service. Future Office scenarios in addition to Project will depend on CDS.

> **IMPORTANT**
> Removing the Project for Office service will not only remove the Project tile, but will also no longer allow the user to view Project for the web projects and roadmaps.

To remove the Project tile for an individual user

1. In the Microsoft 365 Admin Center, select **Users**, then select **Active Users**.
2. From the **Active users** list, select the checkbox next to the user, and then click **Manage product licenses**.



3. On the user information page, select the**licenses and apps**tab, in the**Apps**section, select the user's Microsoft 365 or Office 365 license from the**Show apps for**drop down menu.
4. In the list of apps that display, uncheck **Project for Office**, and then click**Save changes**.

You can repeat this procedure for each user that you don't want to use Project for the web.

To remove the Project tile for multiple users

If you need to remove the Project tile for a large number of users, it may be easier for an admin to do this through Windows PowerShell instead of through the Microsoft 365 admin center.

Make sure to use the latest Azure Active Directory module.

> **IMPORTANT**
> Again, note that removing the Project for Office service will not only remove the Project tile, but will also no longer allow the user to view Project for the web projects and roadmaps.

1. In Windows PowerShell, type and enter the following to sign into your tenant.

```
Connect-AzureAd
```

2. After connecting to Azure Active Directory, you can use the following to get a list of the Office 365 or Microsoft 365 licenses that have view access to Project for the web and Roadmap on your tenant.

```
$returnObject = @()
Get-AzureADSubscribedSku | % {
    $cds = $_.ServicePLans | ? ServicePlanName -in
("PROJECT_O365_F3","PROJECT_O365_P1","PROJECT_O365_P2","PROJECT_O365_P3")

    if( $cds -ne $null )
    {
        $returnObject+=
[pscustomobject]@{SkuId=$_.SkuId;SkuPartNumber=$_.SkuPartNumber;ServicePlan=$CDS[0].ServicePlanName}
    }
}
if ($returnObject.Count -eq 0) {
        Write-Host "No Skus found"
    } else {
        $returnObject
}
```

3. You can use the following script to help you to disable the Project for Office service plan for specific users and their associated license. For each user, you will need to know to know the **$skuPart** value for their license (you can find this in the results of step 2).

```
#disable the plan for the user/sku combination

$user = "<user>@tenant.onmicrosoft.com"  #user
$skuPart = "ENTERPRISEPREMIUM"   #sku to disable the plan on from the previous step

$plansToDisableList = @("PROJECT_O365_F3","PROJECT_O365_P1","PROJECT_O365_P2","PROJECT_O365_P3")

#Get the SKU details
$sku = Get-AzureADSubscribedSku | Where {$_.SkuPartNumber -eq  $skuPart}

#Get a reference to the service plan we are disabling
$newPlansToDisable = $sku.ServicePlans | ? {$_.ServicePlanName -in $plansToDisableList}


#Get any disabled service plans (apps) on the SKU assigned to the user
$existingDisabled =Get-AzureADUserLicenseDetail  -ObjectId $user  | ? {$_.SkuPartNumber -eq  $skuPart } |
Select-Object -ExpandProperty  ServicePlans |  ? {$_.ProvisioningStatus -eq 'Disabled' }

#Merge the lists together so we are maintaining disabled service plans (apps)
$totalDisabledPlans = @($newPlansToDisable,$existingDisabled)

#Create a license with the service plan (apps) disabled
$license = New-Object -TypeName Microsoft.Open.AzureAD.Model.AssignedLicense
$license.SkuId = $sku.SkuId
$license.DisabledPlans = $totalDisabledPlans.ServicePlanId


$licenses = New-Object -TypeName Microsoft.Open.AzureAD.Model.AssignedLicenses
$licenses.AddLicenses = $license

#Assign updated SKU
Set-AzureADUserLicense -ObjectId $user -AssignedLicenses $licenses
```

See Also

Office 365 user view access to Project and Roadmap

Project architecture overview

Office 365 platform service description

Connect to Project data through Power BI Desktop

4/22/2021 • 5 minutes to read • Edit Online

You can use the Project Power BI template to import and analyze data from Project for the web and Project Online into Power BI. The template is designed to help you quickly connect to your Dataverse instance in Dynamics 365 where your Project for the web data is stored, as well as connect to your Project Web App tenant in Office 365. You will be able to download a variety of data to visually explore and monitor all the key aspects of your PPM deployment. There are multiple visually rich report pages for the portfolio, resource, and project overview.

Get started

You first need to do the following:

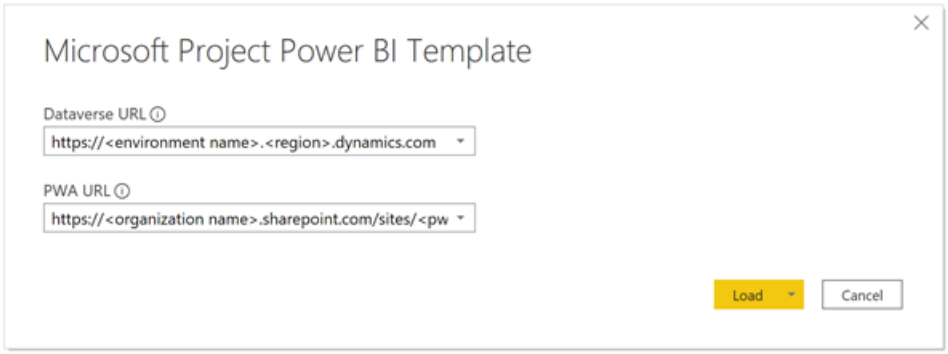
- Download Power BI Desktop, then run the installer to get **Power BI Desktop** on your computer.
- Download the Project Power BI template to your computer. The file name of the template file is **Microsoft Project Power BI Template.pbit** for the *consolidated report*; **Microsoft Project Online Power BI Template.pbit** for *Project Online report*; and **Microsoft Project for the Web Power BI Template.pbit** for *Project for the Web report pack*.

To use the template, you need the following:

- A Project Plan 3 (previously named Project Online Professional) or Project Plan 5 (previously named Project Online Premium) subscription.
- A Power BI Desktop or Power Bi Pro subscription.

Launch and configure the Power BI Desktop template file

1. Click on the Project Power BI template file to open it in Power BI Desktop.
2. On the **Enter Parameters** screen, in the **Dataverse URL** field, type the URL of your Dynamics 365 Dataverse instance you are using for Project for the web.
3. In the **PWA URL** field, type the URL of your Project Online Project Web App site, for example, https://contoso.sharepoint.com/sites/PWA. Then click **Load**.

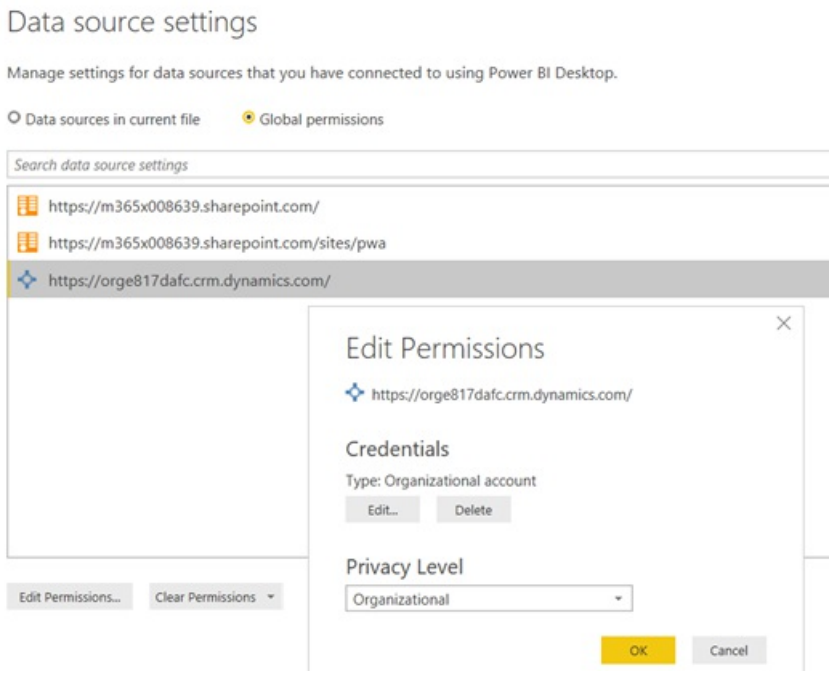


4. Power BI Desktop will prompt you to authenticate with your Office 365 account. Select **Organizational account**, click **Sign In**, and enter your credentials.

A message will be displayed, telling you that your data is loading. Depending on the number of projects, tasks, and resources in your system, this may take some time.

If you receive an error during the load process stating that access to a resource is forbidden, check your data source settings permissions by implementing the following steps:

1. In the ribbon, select **Edit queries**, and then select **Data source settings**.
2. Select **Global permissions**, select a data source URL, and then click the **Edit permissions** button at the bottom of the screen.
3. On the **Edit permissions** screen, verify that **Privacy level** is set to **Organizational**.
4. Also verify that for **Credentials**, the **Type** is set to **Organizational account**. If it is not, click **Edit**, select **Organizational account** on the left pane, and log in with your credentials. Click **Save**, and verify that the Credentials Type has changed.
5. Do this for each of the remaining data source URLs, and then click **Close**.
6. Try to load your data again.



How to determine your Dataverse URL

Project for the web data is stored in the Dynamics 365 Dataverse. You need to enter the URL of your Dataverse instance that you are using, and it needs to be in the following format:

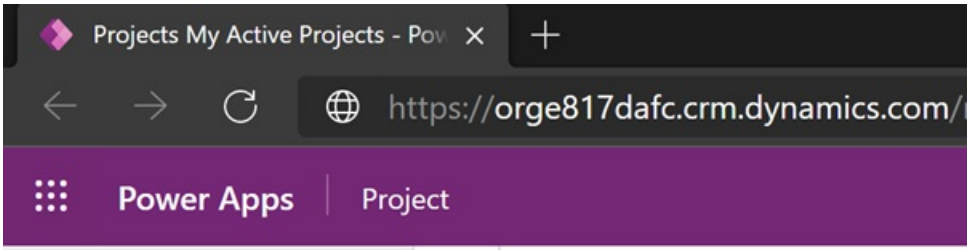
https://(environment_name).(region).dynamics.com

For example: https://orgde6d15d8.crm.dynamics.com

The following sections will tell you how to find the *environment_name* and the *region* values of the URL.

To determine the Dataverse environment name value of the URL:

1. Log on to Office: https://www.office.com.
2. On the office.com page, in the left pane, click **All apps**.
3. On the **All apps** page, click **Business Apps** tab and select the project application of the organization you want to build your reports on. The Apps URL will give you the environment and region value.

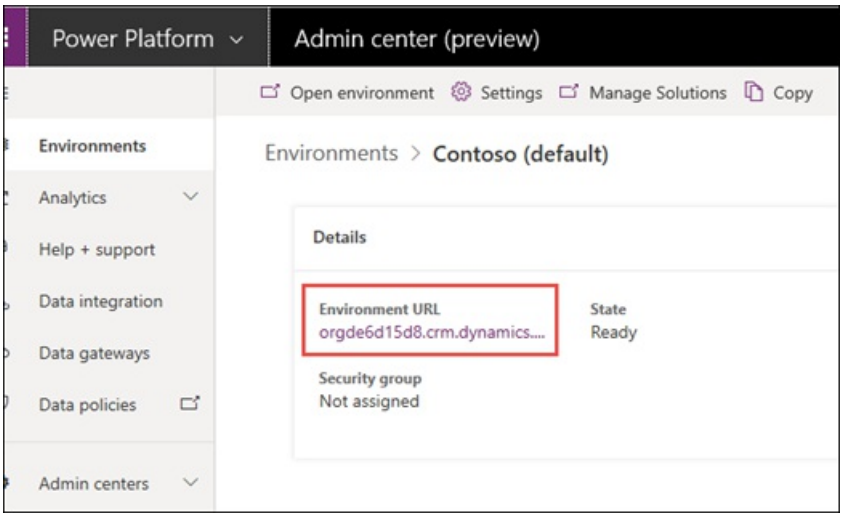


To determine the region value of the URL:

The region value will usually be associated to the data center that is close to you geographically. The following list shows the region values associated with regional data centers.

REGION	VALUE
North America	crm
South America	crm2
Canada	crm3
Europe, Middle East and Africa (EMEA)	crm4
Asia Pacific Area (APAC)	crm5
Oceania	crm6
Japan	crm7
India	crm8
North America 2	crm9
United Kingdom	crm11
France	crm12

If you are not sure, check with your Office 365 administrator and have them check for the value in the Power Platform Admin Center.

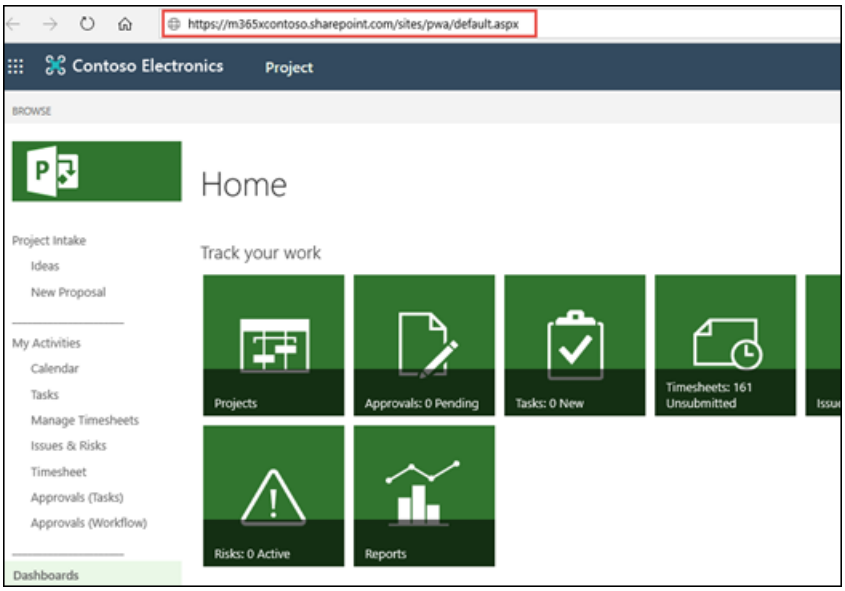


How to determine your Project Web App (PWA) URL

You can go to your Project Online PWA site home page to find the PWA site URL.

You can get to your PWA site by implementing the following steps:

1. In Office 365, click the Apps icon in the top left corner, and then in **Apps**, select **Project**.
2. On your Project Home page, on the bottom of the page, click, **Go to Project Online**. This will take you to your PWA Home page.
3. Copy the URL in your browser and use this value for the **PWA URL** field in the Project template.



If you are still not sure, check with your Office 365 admin and have them check for the value in the SharePoint admin center.

After connecting to your data

After Power BI Desktop retrieves the data, the visualizations in each report page will load and display the data.

> **NOTE**
> You need to have read permissions at the business-unit level to the Dataverse entities to which the report connects to have a portfolio-level view of the data.

From the Power BI Desktop, we recommend publishing the report to a shared workspace, and then configure

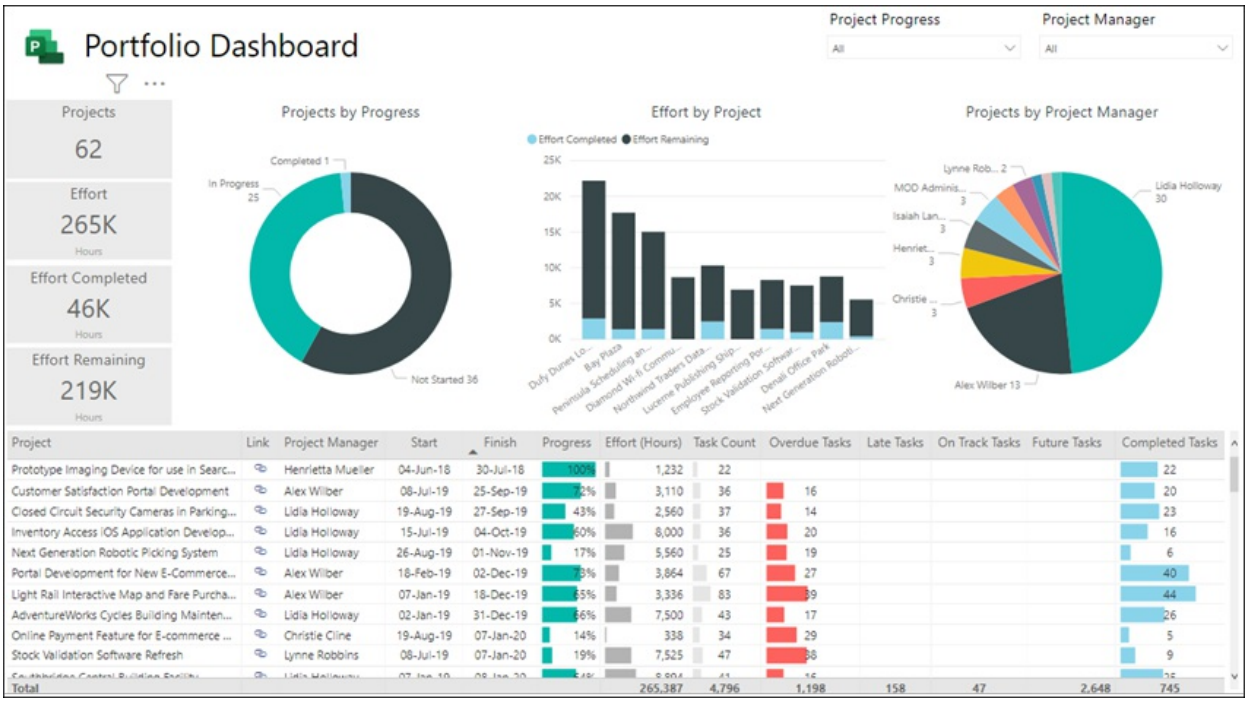
scheduled refresh of the data to keep your dataset up to date.

Project reports

After connecting to your data, the following key "out-of-the-box" reports are available to you to view and analyze your project data.

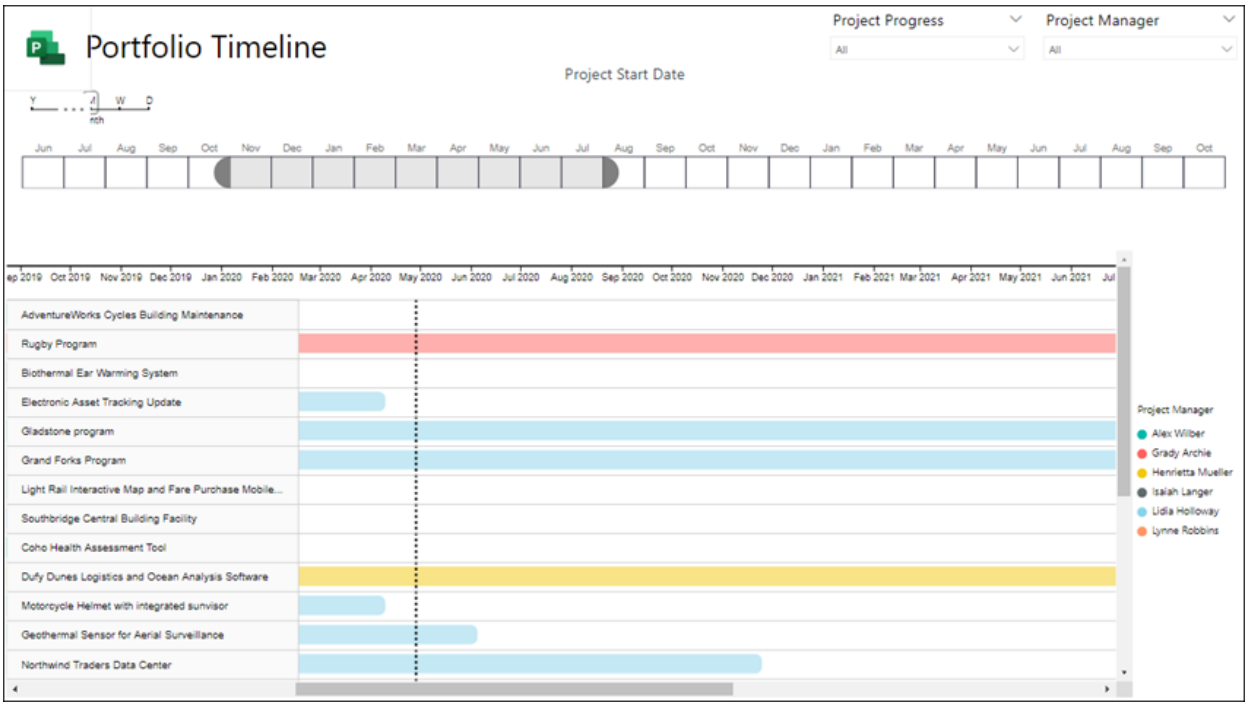
Portfolio Dashboard

The Portfolio Dashboard report gives you a roll-up of all projects, and lets you know the total number of projects, effort completed, and effort remaining. It lets you filter your project data by project progress or project manager.



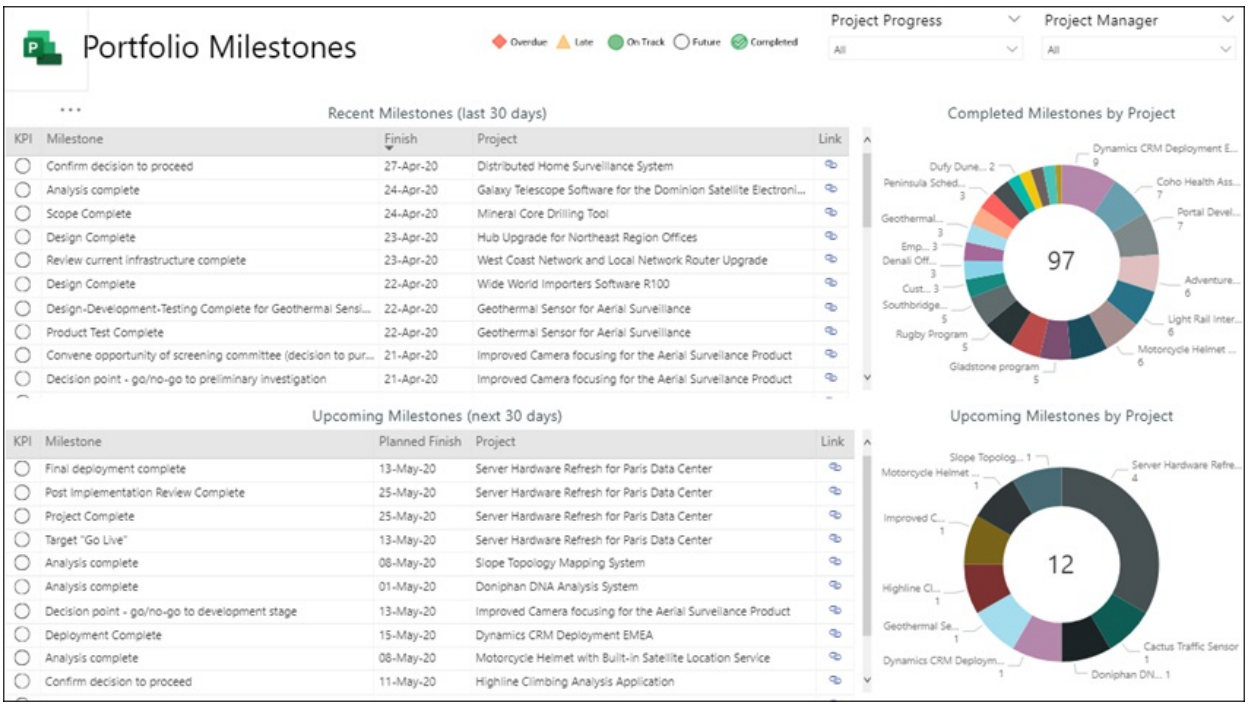
Portfolio Timeline

The Portfolio Timeline reports shows visually where all projects fall on a timeline, including their duration and progress to date.



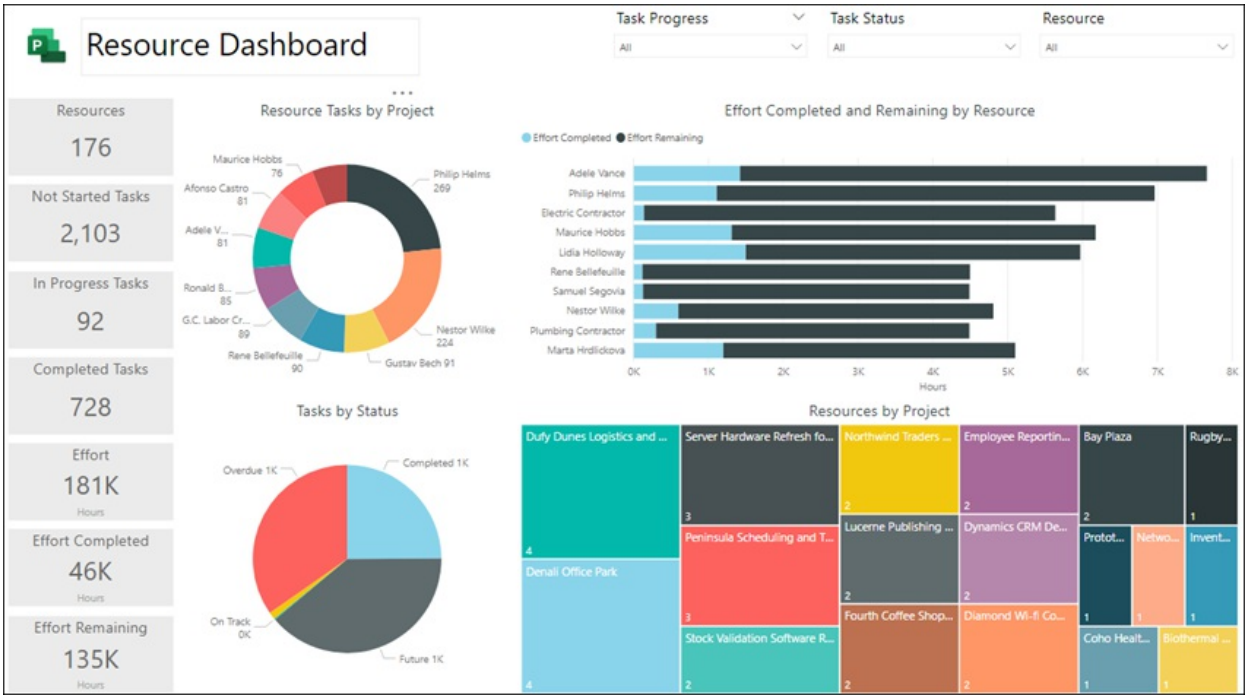
Portfolio Milestones

The Portfolio Milestones report summarizes all milestones completed and are yet to complete in the past 30 days, as well as the milestones planned for the next 30 days.



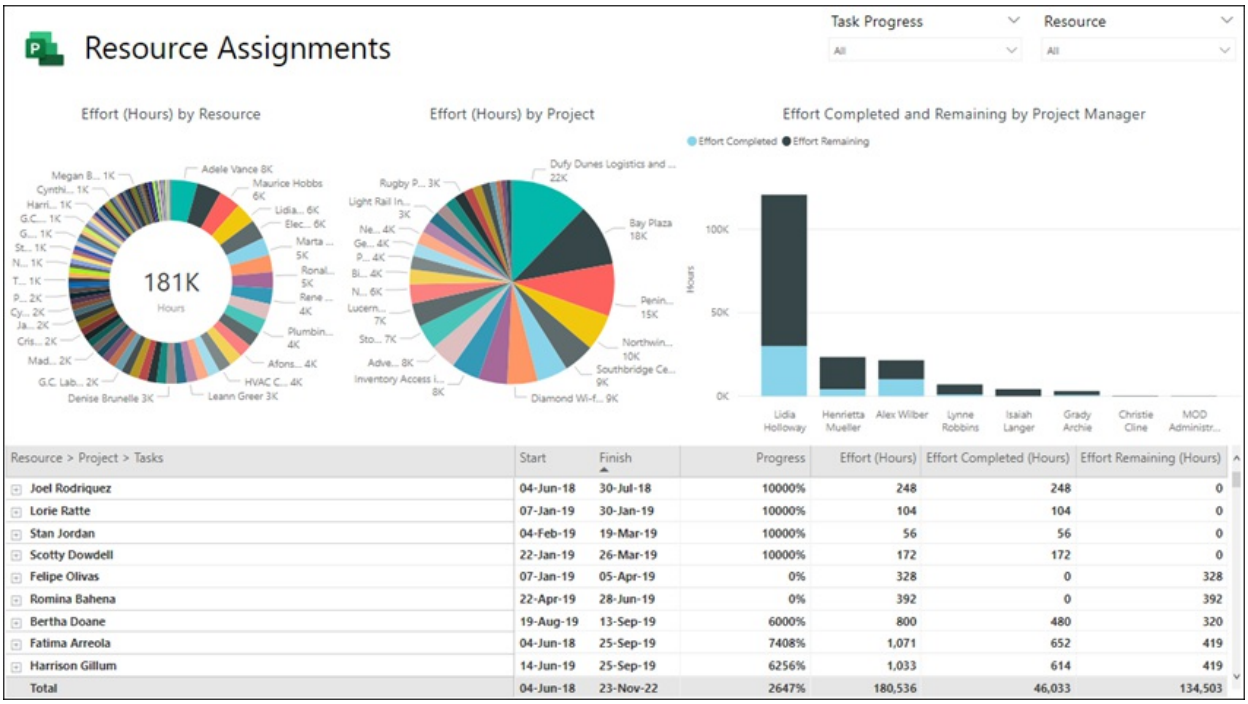
Resource Dashboard

The Resource Dashboard gives a resource manager an overview of how his or her resources are allocated to projects, showing details about each resources total effort, tasks remaining, and task status.



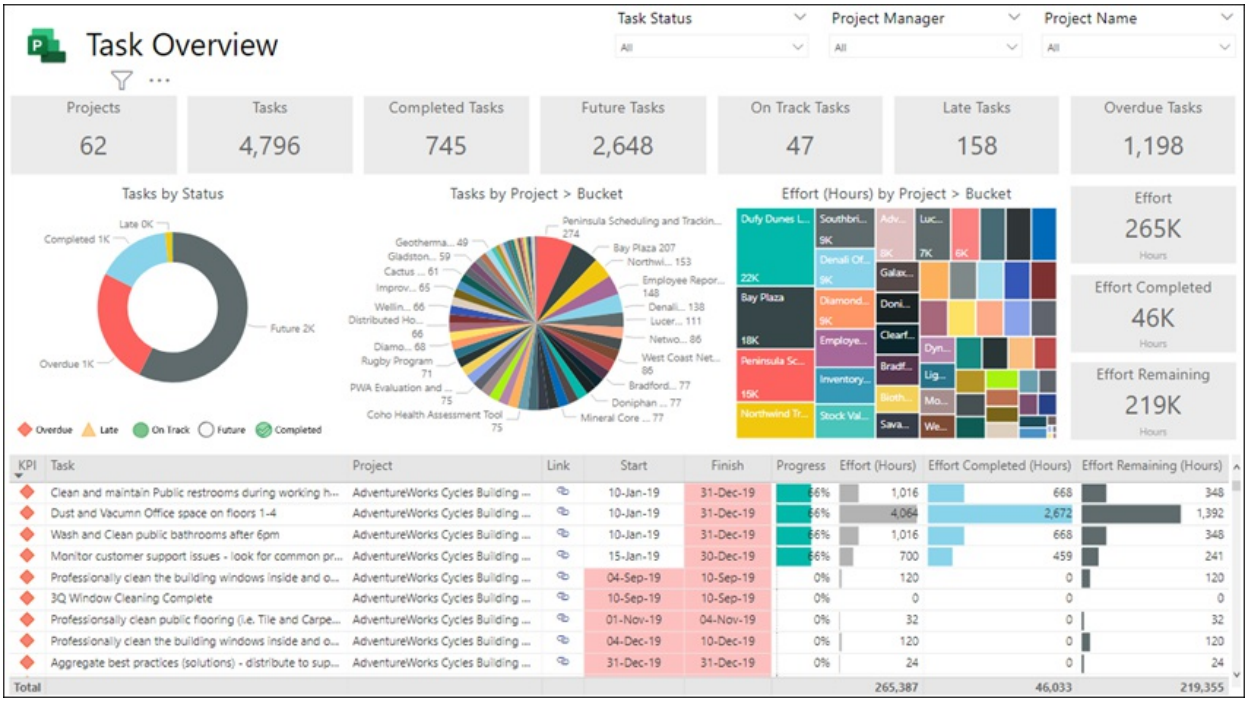
Resource Assignments

The Resource Assignments report lets you focus on task and project data for your resources. You can drill into a resources task progress, total effort, effort distribution across projects, and project and task details.



Task Overview

The Task Overview report looks at task details across projects.

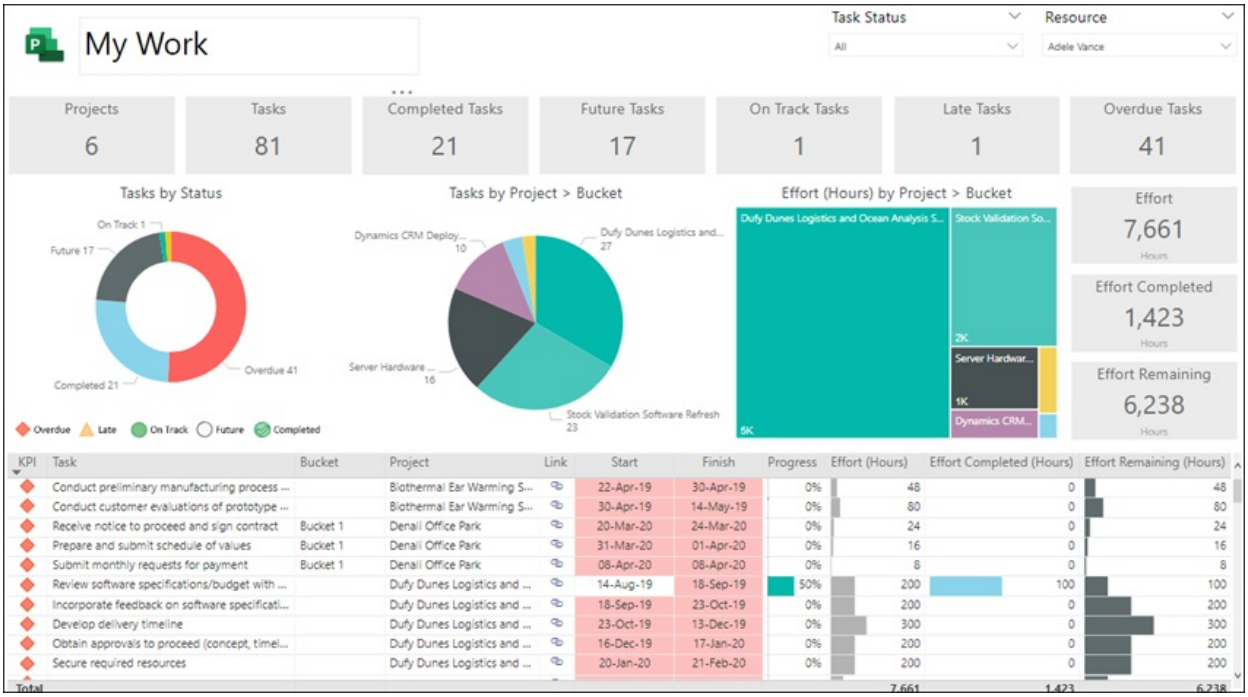


Project Timeline

The Project Timeline shows each project with details on its tasks and status.

My Work

The My Work report lets an individual team member see a detailed task list of all their work across projects, and gives others visibility into their work.



My Timeline

The My Timeline report lets team member see their personal timeline of work across and within projects.

See also

Compose HTTP requests and handle errors

Project for the web setup requirements for Dynamics 365 business units

3/6/2021 • 2 minutes to read • Edit Online

In Dynamics 365, you can create additional business units in your Dataverse instance. If you want Project for the web users in the business unit to be able to access and use it, you need to make sure that the associated team in which your users are members have the **Common Data Service User** and **Project User** roles applied to it.

> **NOTE**
> You only need to do this if you add a new business unit to your default CDS instance. This will automatically be applied to your root business unit's team settings.

To apply the Project User role to a business unit

> **NOTE**
> You must be a Global Admin to do this.

1. In the Dynamics 365 Administration Center, for your default instance, click **Open**.
2. On the PowerApps Settings Apps page, click **Project**.
3. On the Project page, click the gear icon in the toolbar and click **Advanced Settings**.
4. On the Dynamics 365 Settings page, click the **Settings** menu in the toolbar, and in the **Systems** section, select **Security**.
5. On the Security page, select **Teams**.
6. Select the team for your business unit from the **Team Name** column, and then click **Manage Roles** in the toolbar.
7. In the Manage Team Roles screen, select **Project User** and **Common Data Service User**, and then click **OK**.

See Also

Create or edit business units

Frequently Asked Questions

3/6/2021 • 4 minutes to read • Edit Online

Using Project

Does Project for the web include a way to record timesheets?

No. If this is something that you need, let us know at the Project for the web User Voice site!

Why is the Tasks tab in the Project Power App blank?

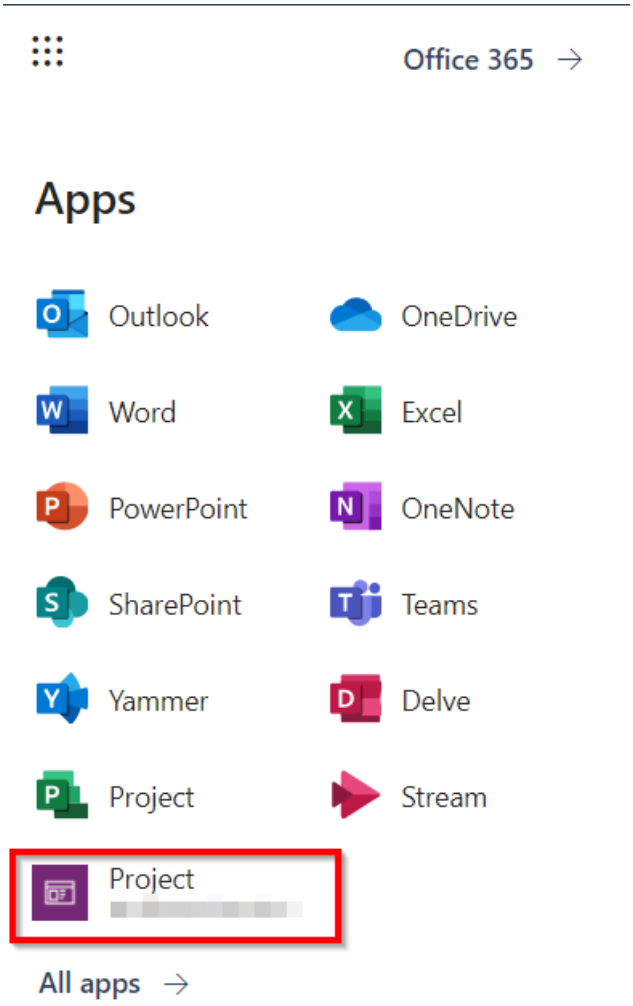
This may be happening because third-party cookies are disabled for your web browser. In your browser settings, choose to allow 'third-party cookies'.

What is the Project Power App?

The Project Power App can be used by you and your organization to completely customize Project for your workflows and processes. It is automatically deployed to the Default Dataverse environment the first time you open Project.

How can I reach the Project Power App?

You can find the Project Power App in the Microsoft 365 app launcher. Just look for the Project app with the purple icon.



Customization

Can I customize the Project Power App?

Yes! It is a model-driven Power App, which means you use the Power Apps designer to edit the look and feel of Project.

How can I add custom fields at the Project level?

Use the Power Apps designer to add columns to the Tables, Views, and Forms in the Project Power App.

I need to use more than five custom tables with Project for the web, how can I do that?

Create a new Power App and add any tables you need into it. You can have all the core Project tables, views, and forms, as well as any additional custom tables that you need. Users of this new Power App will need at least a Project Plan 3 or Plan 5 license, as well as a license to PowerApps. If you intend to use tables from other applications, be sure to follow any licensing guidelines for those apps.

How can I change the access rights for users of Project data in the Dataverse?

The Project Team Member role is customizable and can be used to manage the access rights of users. Learn how to customize roles here.

How can I use Power BI with Project for the web?

You can use the Project for the Web Power BI content pack to create reports on Project for the Web data. Users will need the appropriate license to be able to view these reports. Refer to other guidance in this FAQ, as well as in the Microsoft Project service description.

Can I build apps or reports that include local custom fields?

No. Local custom fields are stored in a binary format within Project tables in Dataverse. These fields are not available for reporting.

Can I remove a resource from the Project Team Dataverse table?

You can manage the team from within Project. But, you cannot manage resources directly in the table in Dataverse.

Can I open the Project tables in Excel and edit them using the Dynamics widget?

You can open the Dataverse tables in Excel. However, fields included in Project cannot be directly written to. Netiher can you create new rows in many of the tables. However, custom columns that you have added to the tables *can* be directly edited within Excel.

Can I deploy to a Dataverse environment where I have other Dynamics 365 applications?

Project can be deployed to Dataverse environments that have the "Enable D365 Apps" toggle disabled. This means Project for the web cannot be deployed in environments that contains applications such as Dynamics 365 Sales or Project Operations. Learn more about deploying Project for the web here.

Licensing

Can I build a standalone Power App and include Project tables in it?

Yes, you can. All users of this Power App will need a Project Plan 3 license as well as a Power Apps license.

Is Power BI included?

The Project for the Web Power BI content pack is free to download. However, users will need a Project Plan 3 license as well as a Power BI license to build or view reports.

Can embedded canvas apps in model-driven apps be used with a Project Plan license?

No. Users will need a separate Power Apps license to embed canvas apps into the Project Power App.

There are several additional tables included in the Project solution that aren't visible in the Power App, can I use them?.

You can use many of the tables in the Project Solution to customize the look and feel of Project for your users.

These additional tables are:

- msdyn_projectchange
- msdyn_projectprogram
- msdyn_projectrequest
- msdyn_projectrisk
- msdyn_projectissue
- msdyn_projectstatusreport

How many Dataverse environments can I provision with a Project license?

The number of environments you can provision depends on the number of licenses you have. At the minimum, you need one Project license to deploy Project in the Default Environment, and at least five Project licenses to deploy to Production environments. Additional environments can be provisioned depending upon the amount of Dataverse database storage you have. Details about the storage included with Project licenses are in the Microsoft Project service description.

Create and apply work calendars in Project for the web

3/6/2021 • 3 minutes to read • Edit Online

Project for the web is built on the Microsoft Power Platform, and some aspects of resource setup for Project for the web is done in Dynamics 365, including how to create a work hours template and apply it to resources.

Before you can create project schedules, you need to set up a project calendar that defines the number of working hours to accommodate per day in the schedule and any business closures. You do this with a work hours template, which contains details about work hours per day, days off, and any other business closures.

> **NOTE**
> Project for the web comes with a default work template that is automatically applied to users that you assign to tasks. It specifies work hours of 9AM through 5PM from Monday through Friday. You only need to create a new work hours template if this one does not suit your needs.

You associate a work template to the project calendar to apply the schedule for the project.

There are two ways you can create a work hours template:

- Create a work hours template from the Resource page
- Create a new work hours template from the Calendar Template page

> **NOTE**
> All work hours templates are based on resource calendars. Before creating a project calendar, you'll need to create a resource with the working hours you want for your project.

Both methods are done on the PowerApps Project Resources page in Dynamics 365. To go there, do the following:

1. While logged into Office 365, open a browser window and go to **https://make.powerapps.com**.
2. On the PowerApps page, select **Apps**.
3. On the Apps page, in the Org Apps tab, select **Project**.
4. On the Project page, in the left pane, select **Resources**.

Create a work hours template from the Resource Page

1. On the Resources page, select the resource you want to base your work hours on.
2. Click **Save Calendar As**, enter a name for the work hours template, and then click **Save**.
3. When you're done changing options, click **Save and Close**.

Create a new work hours template from the Calendar Templates page

1. On the Resources page, click the **Projects** menu on the bottom of the left pane, and then select **Settings**.
2. On the Project Settings Parameters page, click **Calendar Templates**.
3. On the **Active Work Hour Templates** page, click **New**.
4. ON the New Work Templates page, give it a name.

5. In the Template Resource field, type the name of a resource to base the work hours on.
6. Click **Save and Close**.
7. Your new work hours template will display on the **Active Work Hour Templates** page.

Apply a calendar to a resource

Once you've created a work hours template, you can assign it to resources so their calendars reflect the working hours specified in the template.

1. On the Resources page, select the resources that you want to apply set the calendar for. You can select more than one resource.
2. Click **Set Calendar**.
3. In the **Work Template** window, click in the **Work Template** box to see the work templates that are available, and then select the one you want to apply.
4. Click **Apply**.

Apply a calendar to a project

You can also choose to apply a calendar directly to a project in Project for the web. All work hours done on tasks for the project will need to be done in the times and dates specified by the selected calendar.

1. In your project, click the project name to see the Project details pane.
2. In Project details, click the **Calendar** drop-down menu and select the calendar you want to apply to the project.

> **NOTE**
> If you do not see the **Calendar** field in Project details, this means that there is only one calendar available to choose from (for example, the default work template), so there is no option to select a different one until a new one is created.

See Also

Add non-user resources in Project for the web

3/6/2021 • 2 minutes to read • Edit Online

Project for the web is built on the Microsoft Power Platform, and some aspects of resource setup for Project for the web is done in Dynamics 365, such as how to add resources that are not users in your organization (for example, contacts or equipment) and making them available to assign to tasks.

While users in Azure Active Directory (AAD) are available to assign to project tasks in Project for the web, you need to manually add non-user resources.

> **NOTE**
> Guest users accounts in AAD are not supported to be available to directly assign to tasks in Project for the web.

Types of non-user resources

Some of the more commonly used non-user resources you will be able to add include:

Name	Description
Contact or Account	The resource is not directly a part of your organization, but needs to be scheduled. A common example is subcontractors.
Equipment	The resource is a piece of equipment, tool, or machine that must be scheduled.

> **NOTE**
> You will only be able to assign user, contact, account, or equipment resource types to project tasks in Project for the web.

For more information about non-user resources, see Set up a bookable resource.

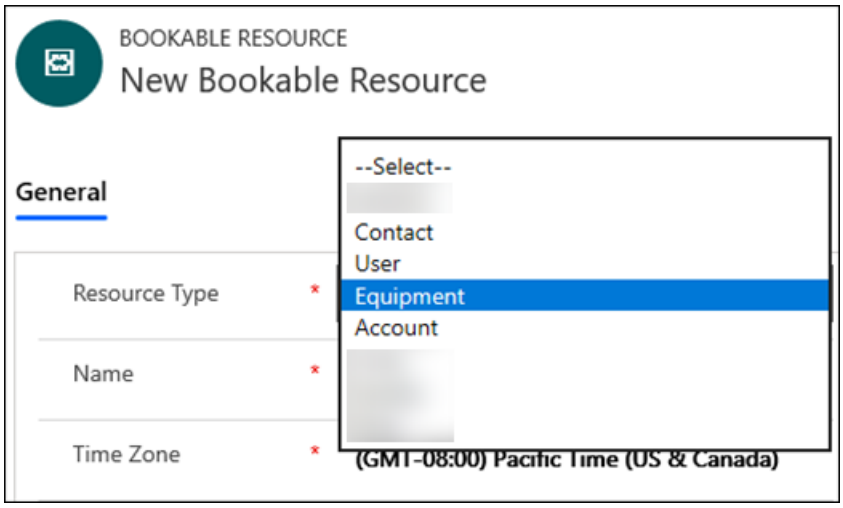
Create a non-user resource

You first need to go to the Dynamics 365 Project Resources page:

1. While logged into Office 365, open a browser window and go to **https://make.powerapps.com**.
2. On the PowerApps page, select **Apps**.
3. On the Apps page, in the Org Apps tab, select **Project**.
4. On the Project page, in the left pane, select **Resources**.

When you get to the resources page, do the following:

1. On the Resources page, click **New**.
2. On the New Bookable Resource page, click in the **Resource Type** field, and select the resource type you

need to create. 

3. Provide the information needed for the resource type you selected.
4. In the **Name** field, type the name your want to give the resource.
5. When you're done, click **Save and Close**.

The new resource will display in the Bookable Resources page and can be assigned to tasks in Project for the web.

See Also

Set up a bookable resource

Project for the Web Security Roles

3/6/2021 • 2 minutes to read • Edit Online

Project for the web includes several security roles that enable users to work with Project. Some of these security roles can also be customized by Administrators to control access of data. Learn more about security roles and priveleges.

Behavior with AAD Groups

When a project is shared with an AAD Office Group, the Microsoft Project Application user will

1. Create a Team that is backed by the AAD Group. The name of the team will be the same as the AAD Office group when possible.
2. The team is given the following security roles
   - Project Team Member
   - Project Common

> **NOTE**
> Today, in the Default org, the team is given Project User role but this is being changed to the above

3. Ownership of the project and related tables is changed from the current owning user to the newly created team. Project for the web only supports adding additional security roles to the Microsoft Project Application user. Other changes/modification are not supported and can cause the service not to function. The Project Common role can modify to support least privilege and customization

Project Common

- Can be customized and used to support extensibility, please see Behavior with AAD Groups to understand how this permission is assigned to AAD Groups.
- Provides non-project related permissions to give a user access to the environment including the ability to log in.
- It is a copy of the Basic User role (formally called Common Data Service User role) but can diverge in future releases.
- The AAD Office Group team that is created when a project is shared is given this role so that members have enough permissions to log into and interact with the environment

Portfolio User

- Deprecated as of 0.8.7.59
- Internal use by Project for the web. Provides user scoped permissions to create, read, update, and delete portfolio and related entities.

Project System

- Internal use by Project for the web
- Provides all organization scoped permissions to create, read, update, and delete project and related entities.

Project Team Member

- Provides user scoped permissions to read, update and delete project and related entities.
- The AAD Office Group team that is created when a project is shared is given this role so that member can interact with the project

Project User

Provides user scoped permissions to create, read, update, and delete project and related entities.

Roadmap System

Internal use by Project for the web. Provides all organization scoped permissions to create, read, update, and delete portfolio and related entities.

Roadmap User

Provides user scoped permissions to create, read, update, and delete portfolio and related entities.

Access a project in Project for the web after its Office 365 group has been deleted

3/6/2021 • 3 minutes to read • Edit Online

If the Office 365 group that is associated with your project has been deleted, users in the group will not be able to access the project. However, there are ways for you to regain access.

- The group owner can restore the Office 365 group.
- An admin can reassign the project to a user who can then choose or create a new group.

The option you should choose depends on how long ago the group was deleted.

Restore the Office 365 group

If a group that you own has been deleted, it will be retained for 30 days by default. This 30-day period is considered a "soft-delete" because you can still restore the deleted group. After 30 days, the group will be permanently deleted and cannot be restored.

If you are the owner of an Office 365 group, you can restore the group yourself by following these steps.

1. On the **Deleted groups page**, select the **Manage groups** option under the **Groups** node, and then choose **Deleted**.
2. Click on the **Restore** tab next to the group you want to restore.

After you've restored the group, members of the group should be able to access the associated project in Project for the web.

> **NOTE**
> To learn more about deleting an Office 365 group, see Restore a deleted Office 365 Group

Reassign the project

If the Office 365 group has been deleted for longer than 30 days, it is not restorable and an admin in your tenant will need to reassigning the project to either the user who needs to access it or someone who can add a new Office 365 group in Project for the web.

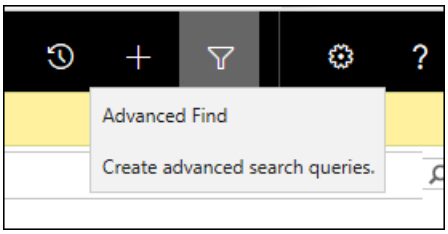
The admin will need to:

1. Find the project through the Advanced Find search function in the Dynamics 365 Admin Center.
2. Assign the project to the user that needs to access it.

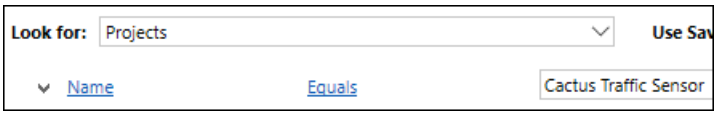
Find the project in Advanced Find search

Use Dynamics 365 Advanced Find search to look for the project you need.

1. In the Dynamics 365 Administration Center, select the default instance, and then click **Open**.
2. On the PowerApps Settings page, select **Dynamics 365 Custom**.
3. On the **Projects** page, click the filter icon in the menu bar and then select **Advance Find**.



4. In Advanced Find, in the **Look for** menu, select **Projects**. In the **Use Saved View** menu, select **All projects**.
5. Click **Select**, and from the menu, select **Name**. From the next menu, select **Equals**, and then in the **Enter text** box type the name of the project you are looking for.



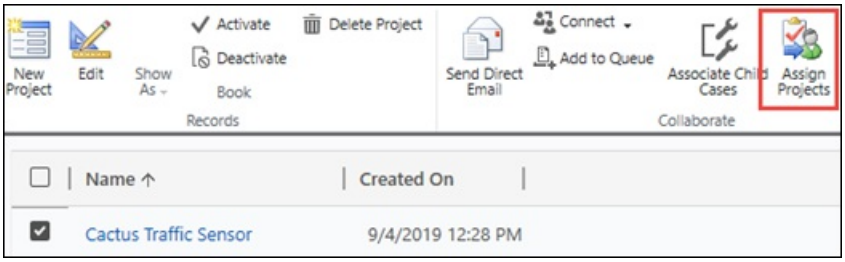
6. Click **Results** to run the query. The project you are looking for should display in the Projects tab.

Reassign the project to a new user

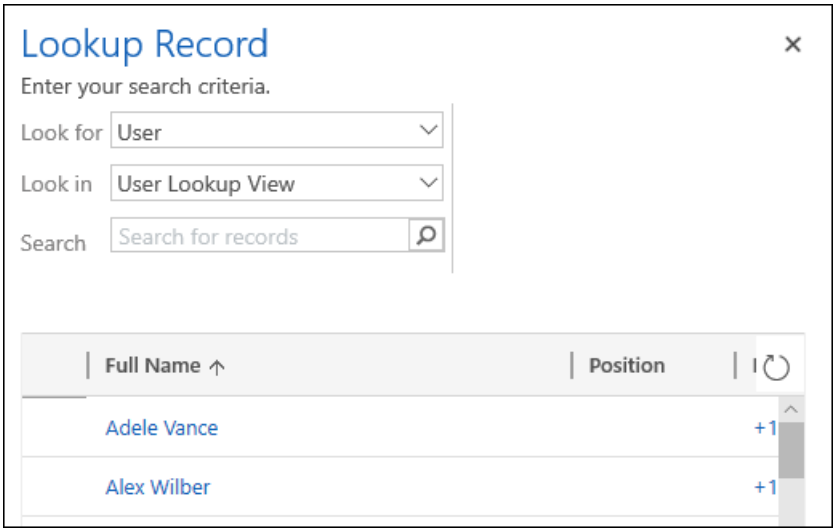
After locating the project through Advanced Find, the admin can now reassign the project to a user.

To reassign a project to a user:

1. Select the checkbox next to the project name.
2. In the ribbon, click **Assign Projects**.



3. On the **Assign Project** screen, click in the **Assign to** box to change it to **User or team**.
4. Click in the **User or team** box, and then click the magnifying glass icon. Then scroll to the bottom of the results and click on **Look up more records**.
5. On the **Lookup Record** screen, select **User** in the **Look for** menu, select the user from the user list, and then click **Add**.



The user that you added will now be able to access the project in Project for the web. The user can also choose to associate a new Office 365 group with the project and add users to it if others also need to access the project.

See Also

Share a project in Project for the web

Export user data from Project for the web

3/6/2021 • 8 minutes to read • Edit Online

This article describes how a Microsoft 365 tenant admin can export a specific user's data from Project for the web. The admin can then choose to view the user's data and decide what data they want to make available to the user.

Project for the web data is stored in Dataverse in Microsoft PowerApps. This article describes how you can:

- View a specific user's Project for the web data by using the Advanced Find function in Dynamics 365.
- Use a PowerShell script to export data about specific projects that your user was a part of.

Requirements

You will need the following in order to look for data on a specific user through the Advanced Find search feature:

- You need the Azure Active Directory ID (AAD ID) of the user. You can find it in the Azure Active Directory Admin Center.
- You need to be a global admin in your Microsoft 365 tenant. You need this to access the Dynamics 365 Admin Center.

If you also want to export and view information on specific projects:

- You need to be a tenant admin.
- You need to have a Project Plan 1, Project Plan 3, or Project Plan 5 license.
- You need the Project Online Desktop Client if you want to view your user's projects. If you do not have one available, you can sign up for a trial.

Methods for finding your user's data

Depending on the type of user data you need to find, there are two paths you can take in searching for and exporting your user's data.

- **Find data about your user's project and roadmap objects in Dataverse** - Use the Advanced Find feature in the Dynamics 365 Admin Center to find all the user's data that is contained in Dataverse (for example, objects related to their projects and roadmaps).
- **Find data about specific projects that your user was associated with** - Use the project export PowerShell script to get details about specific projects the user was associated with.

Find user data in Dataverse with the Advanced Find search feature

Project for the web user information that resides in Dataverse - such as roadmap and project objects and properties - are located in specific Dynamics 365 solutions. The Advanced Find search feature in the Dynamics 365 admin center can query across entities in these solutions to find the information you need.

Understand Project for the web Dataverse data and where it resides

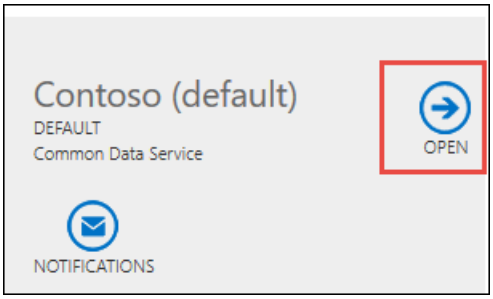
When looking for a specific user's Project for the web data in Dynamics 365 Dataverse, it is located in these five Dynamics 365 solutions:

Name	Display Name
PortfolioService	Portfolio Service
msdyn_ProjectServiceCore	Project
MicrosoftDynamicsScheduling	Universal Resource Scheduling
msdynce_SchedulingPatch	Scheduling Patch
mydynce_Scheduling	Scheduling

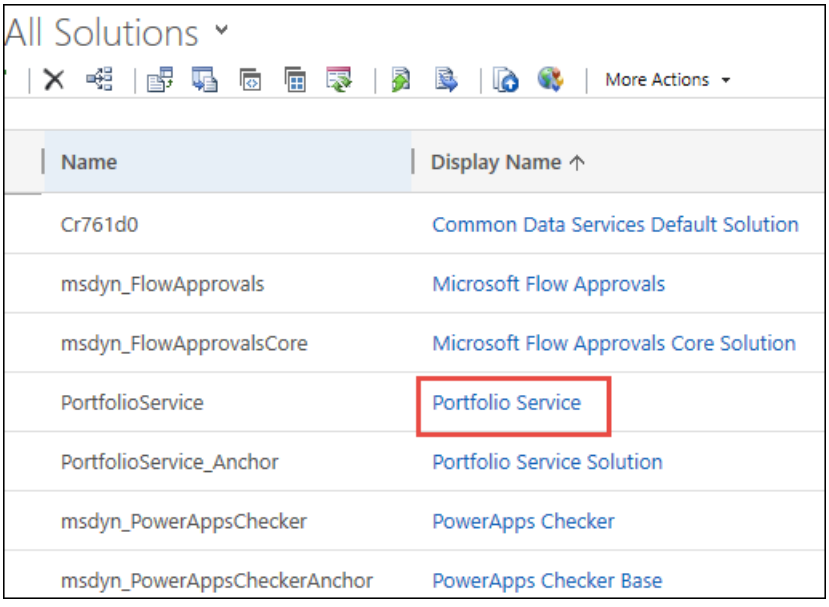
You can look specifically at any of these Dynamics 365 solutions to get an idea of the entities that exist for it. Understanding the entities that exist for a specific solution can help you with understanding what to look for in your query.

To view entities for a Dynamics 365 solution:

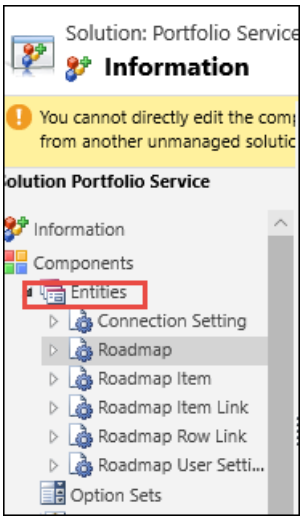
1. In the Microsoft 365 admin center, under **Admin centers**, click **Dynamics 365**.
2. In the Dynamics 365 Administration Center, select the default instance, and then click **Open**.



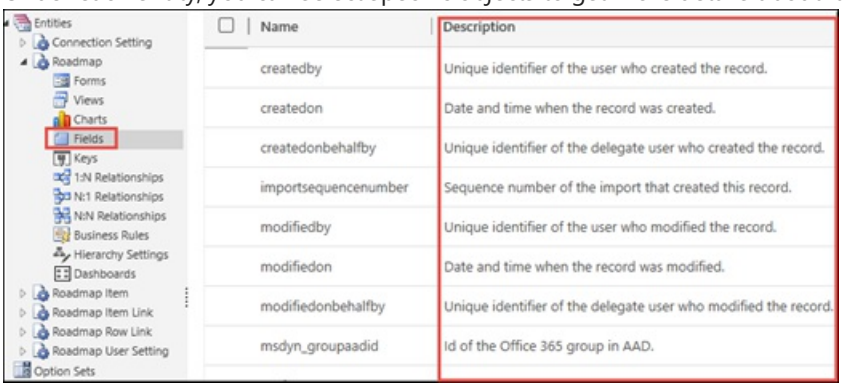
3. On the Dynamics 365 Settings page, click the **Settings** menu, and in the **Customization** section, select **Solutions**.
4. On the All Solutions page, click on the Display Name of the solution that you are interested in.



5. On the solution information page, expand **Entities** to view them.



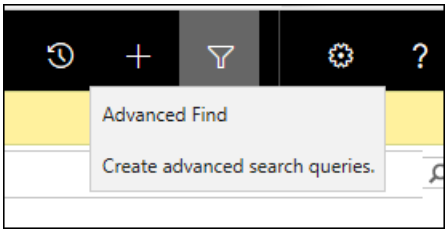
6. Under each entity, you can select specific objects to get more details about its properties.



Use Advanced Find to search for user data

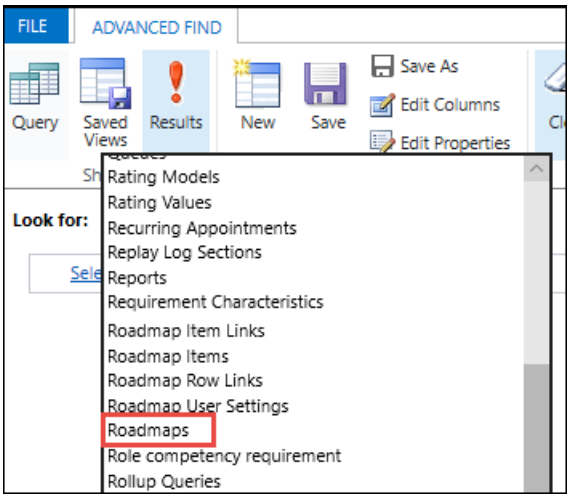
Use Dynamics 365 Advanced Find search to look for Project for the web data for your user. Advanced Find will search across all solutions in your Dataverse instance. You can then download the results directly to an Excel spreadsheet and determine what to provide to your user.

1. In the Dynamics 365 Administration Center, select the default instance, and then click **Open**.
2. On the Dynamics 365 Settings page, click the **Settings** menu, and in the **Customization** section, select **Solutions**.
3. Click the **Advance Find** button.



4. In Advanced Find, in the **Look for** menu, select the objects that you want to search for, such as your user's projects or roadmaps.

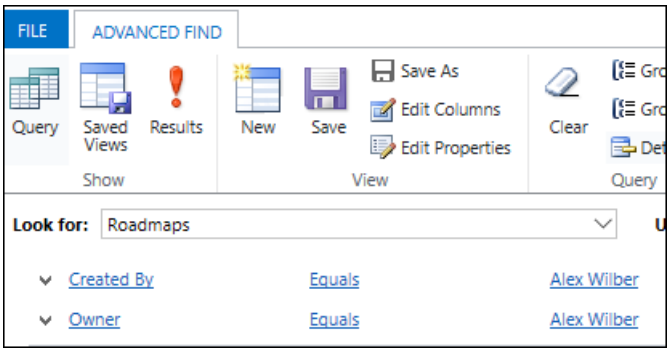
   For example, if you want to view all roadmaps your user was a part of, select **Roadmaps**.



5. To begin building your query, click **Select**, and then select the fields you need to start searching for projects or roadmaps your user was a part of. You will need the users AAD ID or account name.

   For example:

   - To find all roadmaps owned by the user, select the Owner field, and then select Equals, and then enter the account name for the user.
   - To find all roadmaps created by the user, select the Created By field, and then select Equals, and then enter the account name for the user.



6. When you are done with selecting your search criteria, in the ribbon, select **Edit Columns**.
7. On the Edit columns page, select **Add columns**, and then select the columns you want to include in the query. When done, click **OK**.
8. Click **Results** to run your query.
9. After you receive your results, you can export them to Excel. To do this, click **Export**, and then select **Static Worksheet**.

You can then review the results to determine what data you'd like to provide to the user.

Use the export script to see details on specific projects

If you need to look for more details that are contained in specific projects that the user was associated with, you can use the ExportProjectContent Powershell script to get more information on each project. With the script, you can get the following files for a specific project:

- Project files (.MPP) for the project.
- An XML file that contains project details and settings.

Get the Project IDs of the projects you are interested in

Before you run the script, you need to the Project IDs of the projects you are interested in.

Assuming you've used Advanced Find search to query for the user's projects and have downloaded the them to an Excel file, the Project ID column is the first column in the Excel spreadsheet, but it is hidden by default. Unhiding the first column can be a bit tricky, so if you need help, see Unhide the first row or column in a worksheet.

After you unhide the columns in the spreadsheet, look for the name of the project, and then look for the corresponding value in the Project column to find the Project ID for the project.

	A	B	C	D
1	(Do Not Modify) Project	(D	(	Name
2	b3c4ccc2-e1df-e911-a972-000d3a37fb59	yqE9	##	Cactus Traffic Sensor
3	5a01a361-64e1-e911-a972-000d3a37fb59	knn(	##	APAC Network Expansion

Run the Export script

Now that you have the Project IDs of the projects you are interested in looking at, use the **ExportProjectContent** Windows PowerShell function to get more information. The ExportProjectUserContent function is included in the ProjectExport Windows PowerShell module.

Download the Project Export Windows PowerShell module and first unblock the zip file and then unzip the files.

> **NOTE**
>
> After you unzip the script, run the following in Windows PowerShell to import the modules:
>
> Import-Module -Name ./projectexport

To run the ExportProjectContent function:

1. In Windows PowerShell, where you have imported the module, run the following:

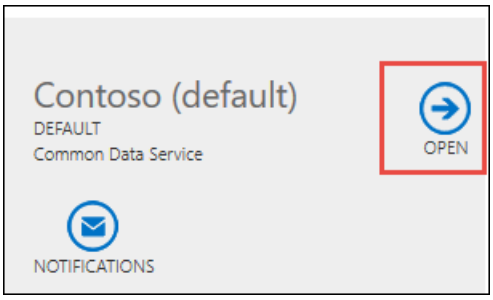
   ExportProjectContent -ProjectId (ProjectID of the project) -OutputDirectory (Location to put files) -InstanceId "(Dataverse instance name)"

   You will need to configure the following parameters when running the script:

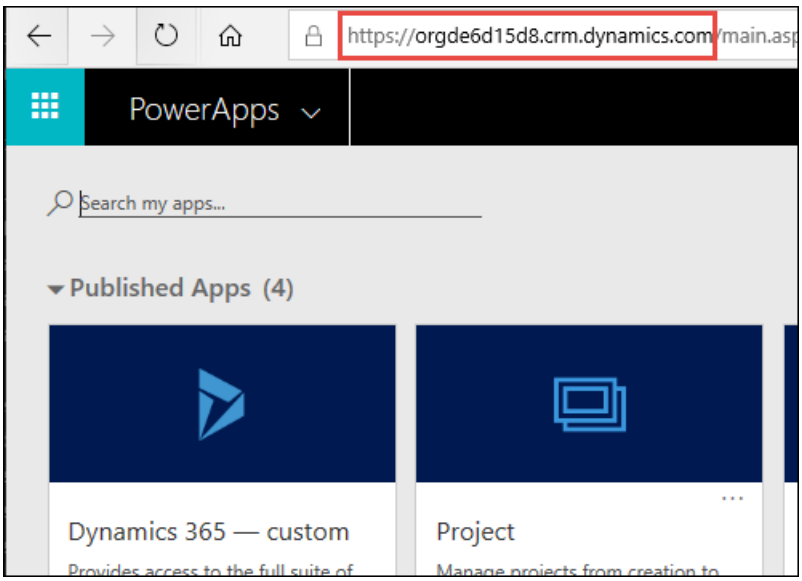
Parameter	Description
ProjectId	GUID of the project within Dataverse. You learned how to find this in the previous section.
OutputDirectory	Location where the export files are put.
InstanceId	The identifier of the Dynamics 365 instance you are using.

   To find your Instance ID:

   a. In the Dynamics 365 Administration Center, select the default instance, and then click **Open**.



b. On the PowerApps setting page, look at the first part of the URL to determine your Instance ID value. In the graphic below, the Instance ID value would be https://orgde6d15d8.crm.dynamics.com.



As an example of how to run the script, if the Project ID of the project is dd065460-02b8-e911-a989-000d3a170e10, you want the output files to go to C:\User1Project1, and the instance name of the Dataverse org is https://orgde6d15d8.crm.dynamics.com, you would run the script like this:

ExportProjectContent -ProjectID dd065460-02b8-e911-a989-000d3a170e10 -OutputDirectory C:\User1Project1 -InstanceId https://orgde6d15d8.crm.dynamics.com"

2. When the script completes, go to the OutputDirectory location you specified to find the .XML and .MPP files for the project.
3. If you have multiple projects, run the script again for each project, using it's corresponding ProjectID value.

Both the .XML and .MPP files that are created will be prefixed with the project's Project ID. For example, if the Project ID value is dd065460-02b8-e911-a989-000d3a170e10, the file names for the exported data will be:

- dd065460-02b8-e911-a989-000d3a170e10.XML
- dd065460-02b8-e911-a989-000d3a170e10.MPP

Note that you may receive multiple versions of your .MPP file, known as snapshots. These are versions of your project file prior to changes being made to it. Snapshot files will include a timestamp to let you know when they were taken. One thing to note is that the **current** version of the file is the one with the **earliest** timestamp - which would be the project creation date.

All snapshots currently stored for the project are exported. Snapshots can be periodically cleared out depending on how active the project is.

View data contained in the project file (.MPP)

Use Project Online Desktop Client to open and view the project file to find information that you might want to provide the user.

Project Online Desktop client is available through either the Project Plan 3 and Project Plan 5 licenses. If you don't have a subscription, you can sign up for a trial.

> **NOTE**
>
> You will only be able to view the project file. You will not be able to edit the .MPP file in any way. You cannot export the .MPP file from Project for the web and import it into Project Online (PWA).

View data contained in the project XML file

The XML file contains a number of properties pertaining to the specific project. You can see the Project XML Interchange Schema Reference to understand the XML data contained in this file.

See Also

Create, edit, or save an Advanced Find search

Delete user data from Project for the web

Export user data from Project Online

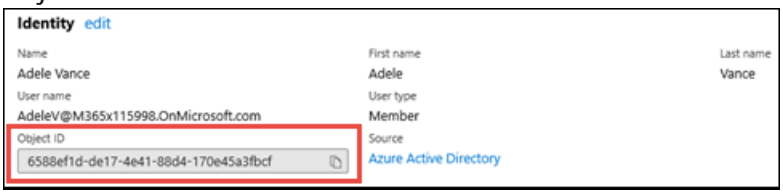
Delete user data from Project for the web

3/6/2021 • 4 minutes to read • Edit Online

To delete user data from Project for the web, you need the user's Azure AD Object ID. You can get this by checking the user's profile properties in Azure Active Directory or by using Get-AzureADUser.

To find a user's Azure AD Object ID in the Azure Active Directory Admin Center:

1. In the Azure Active Directory Admin Center, click on **Users** to see a list of all users in your organization.
2. Click on the name of the user.
3. On the user profile page, in the **Identity** section, you can find the user's Azure AD Object ID value in the **Object ID** field.



To find and delete a user's roadmaps

1. In the Microsoft 365 admin center, under **Admin centers**, click **Dynamics 365**.
2. In the Dynamics 365 Administraton Center, select the default instance, and then click **Open**.
3. On the PowerApps page, click the Settings icon in the menu bar, and select **Advanced Settings**.
4. On the **Dynamics 365 Settings Business Management** page, click the filter icon and then click **Advanced Find**.
5. From the **Look for** menu, choose **Roadmaps**.
6. Click **Edit Columns**
7. Click **Add Columns**.
8. Choose the columns below that you want to search on. Be sure to include **Office 365 Group AAD ID**.

DISPLAY NAME	DESCRIPTION
Name	Name of the roadmap.
Order Hint	Ordering of the roadmap rows within a roadmap.
Owner AAD ID	ID of the user in AAD who owns the roadmap.
Parent Roadmap	ID of the parent roadmap.
Creator AAD ID	ID of the user in AAD who created the roadmap.
Office 365 Group AAD ID	ID of the roadmap's Office 365 group in AAD.
Roadmap	Unique identifier of a roadmap.

DISPLAY NAME	DESCRIPTION
Roadmap Type	The type of roadmap record.

9. Click **OK**, and then click **OK** again.
10. In the **Fields** list, choose **Owner AAD Id** and type in the user's Azure AD Object ID.
11. Click **Results**.
12. Click the name of the roadmap you want to delete.
13. Click **Delete**.

To make changes to a user's roadmap

From your Advanced Find search results, make note of the Office 365 Group AAD ID for any roadmap that you want to make changes to. You must join this group as an owner in order to make updates to the roadmap.

To add yourself as a group owner, use Add-AzureADGroupOwner:

```
Add-AzureADGroupOwner -ObjectId <GroupID> -RefObjectId <YourAADObjectID>
```

For example,

```
Add-AzureADGroupOwner -ObjectId "62438306-7c37-4638-a72d-0ee8d9217680" -RefObjectId "0a1068c0-dbb6-4537-9db3-b48f3e31dd76"
```

Once you are an owner for the groups, you can open the roadmaps from Project Home and make edits directly. Roadmap must be enabled to do this.)

For roadmaps not associated to an Office 365 group

If your user's roadmap is not associated to an Office 365 group, and you want to be able to make edits to it, you need add a group that you own to the roadmap.

This first requires you to create an Office 365 Group and get the Office 365 Group AAD id value for it. After you do this, do the following:

1. In the Advanced Find search results, click the name of the roadmap to open it in Dynamics 365.
2. In the Roadmap Information page in Dynamics 365, click the menu item with three dots, and in the menu select **Flow**, and then select **Form Editor**.
3. In the Form Editor, select **Office 365 Group AAD id** from the Unused Fields list, and drag and drop it to the **General** section of the form, under Owner.
4. Click **Save** and then **Publish**.
5. After the change in completed, on the Roadmap Information page, you will see the Office 365 Group AAD id field display. Enter the Office 365 Group AAD ID value of the group you own into the field box.

You are now the owner of the Office 365 Group for the roadmap and can edit it.

To find a user's projects

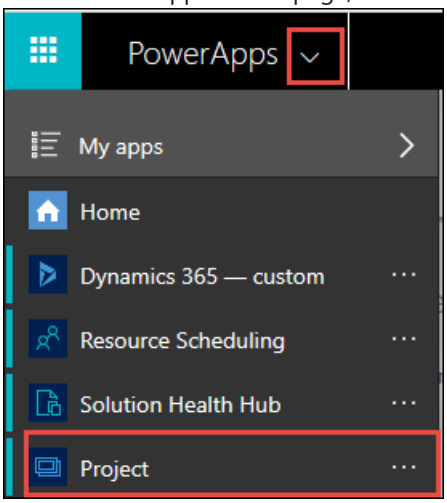
1. In the Microsoft 365 admin center, under **Admin centers**, click **Dynamics 365**.
2. In the Dynamics 365 Administration Center, select the default instance, and then click **Open**.
3. Click **Advanced Find**.
4. From the **Look for** menu, choose **Projects**.

5. To begin building your query, click **Select**, and then select the fields you need to start searching for projects your user was a part of. You will need the users AAD ID or account name. For example:
    - To find all projects owned by the user, select the Owner field, and then select Equals, and then enter the account name for the user.
    - To find all projects created by the user, select the Created By field, and then select Equals, and then enter the account name for the user.
6. When you are done with selecting your search criteria, in the ribbon, select **Edit Columns**.
7. On the Edit columns page, select **Add columns**, and then select the columns you want to include in the query. When done, click **OK**.
8. Click **Results** to run your query.

To delete or edit a project

To delete or edit a users project, do the following:

1. From the Advanced Find search results list, note the project you want to delete or update.
2. On the PowerApps admin page, click the drop-down menu and select **Project**.



3. On the Project page, in the **System Views** menu, select **All Projects**.
4. Click on the project you are interested in deleted or redacting.
5. On the project page, you can choose to:
    - Click **Delete** to delete the project.
    - Click **Tasks** to update the the project's tasks.

See Also

Create, edit, or save an Advanced Find search

Export user data from Project for the web

Delete user data from Project Online

Handling data for Project

3/6/2021 • 2 minutes to read • Edit Online

This article gives you an overview of how data is handled for two Project services: Project for the web and Project Online.

Project Online is built on SharePoint Online and its data is stored in Office 365 (specifically in SharePoint Online).

Project for the web is built on the Microsoft Power Platform. Project for the web data is stored in Dataverse.

> **NOTE**
> Project for the web data also includes data from its Roadmap feature.

Data retention

Since Project for the web data is stored in CDS, data retention policies differ from Project Online (whose data is stored in Office 365). When your Project Online subscription ends, your data is retained for 90 days before it is automatically deleted (in accordance to Office 365 data retention policies). However, if you use Project for the web (which is included in Project Plan 1, Project Plan 3, and Project Plan 5 licenses), that data is not automatically deleted 90 days after your subscription ends.

You can remove all Project for the web or Roadmap data by removing the entire solution from from Microsoft 365.

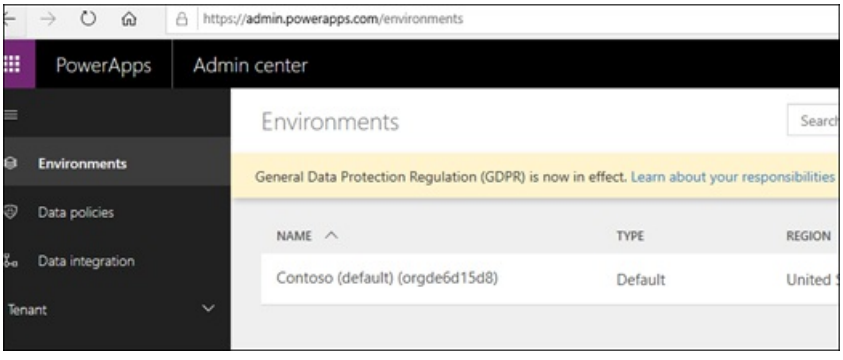
Where is my data located

You can look for the location of where your Project for the web and Project Online data is stored by seeing Explore where Office 365 stores your customer data.

Project for the web and Dataverse

When Project for the web is first used in your Microsoft 365 tenant, a default Dataverse instance is provided to your tenant. Project for the web data (such as projects or roadmaps) is stored in solutions in the default instance.

Admins can find the name and details of their default Dataverse instance in the PowerApps admin center (admin.powerapps.com).



Deleting user data

If you need to delete Project for the web data (for example, you need to delete data for a specific user) an admin can choose to manually delete it.

Similarly, an admin can also manually delete Project Online data (for example, user data or user identifying data) if needed.

Turn off Project for the web

An admin can choose to either turn off Project for the web to your organization or choose to turn off Project for the web to specific users in their organization.

> **NOTE**
> When you turn off Project for the web to individual users in your tenant, you will also turn off the Roadmap feature for those users.

Turn off Roadmap

Although Roadmap is a Project for the web feature, it is possible that some organizations may want to use Roadmap, but may want their users to access Project for the web at a later time.

The **Turn Roadmap on for your organization** control on the Project Settings page allows you to turn Roadmap on or off in your organization.

Turn off Project Online

An admin may want certain users to have access to Project for the web and the Roadmap feature, and not Project Online. To do this, an admin would need to turn off the Project Online service for the user through their assigned Project Plan 3 or Project Plan 5 license.

See Also

Project for web get started guide for admins

Remove Project for the web or Roadmap from Office 365

3/6/2021 • 2 minutes to read • Edit Online

You can turn Project for the web or Roadmap off in the Microsoft 365 admin center. This will prevent your users from using them, but will not remove any user data that currently exists. (Note that it may take a few minutes for functionality to be disabled while the setting synchronizes across your tenant.)

To turn off Project for the web:

1. In the Microsoft 365 admin center, under **Settings**, click **Settings**.
2. Click **Project**.
3. Uncheck **Turn Project for the web on for your entire organization**.
4. Click **Save**.

> **NOTE**
> Although this setting currently displays in your Project settings, it will not be enabled until a later date (see your Message Center). You can still turn off Project for the web for individual users.

To turn off Roadmap:

1. In the Microsoft 365 admin center, under **Settings**, click **Settings**.
2. Click **Project**.
3. Uncheck **Turn Roadmap on or off for your entire organization**.
4. Click **Save**.

If your Project Online subscription ends, most of the associated data is deleted in conformance with the Data Retention, Deletion, and Destruction in Office 365. Unlike other Project Online data, Project for the web and Roadmap data isn't automatically deleted when your Project Online subscription ends.

Remove Project for the web and Roadmap data

You can remove all Project for the web and Roadmap data by removing the entire solution from Microsoft 365. This will delete all of the existing projects, roadmaps, and associated user data.

To remove Roadmap:

1. In the Microsoft 365 admin center, under **Admin centers**, click Dynamics 365.
2. In the Dynamics 365 Administration Center, select the default instance, and then click **Open**.
3. On the **Settings** menu, under **Customization**, click **Solutions**.
4. Select the **PortfolioService** solution, and then click **Delete**.
5. Select the **PortfolioService_Anchor** solution, and then click **Delete**.
6. Select any solutions with a naming format of **PortfolioService_Patch_(number)**, (for example, PortfolioService_Patch_1 or PortfolioService_Patch_2), and then click **Delete**.

> **NOTE**
>
> Removing the Roadmap solution does not affect any of the projects or tasks that the roadmaps are connected to.

To remove Project for the web:

1. In the Microsoft 365 admin center, under **Admin centers**, click Dynamics 365.
2. In the Dynamics 365 Administration Center, select the default instance, and then click **Open**.
3. On the PowerApps page, click the Settings icon, and then click **Advanced Settings**.
4. On the **Settings** menu, under **Customization**, click **Solutions**.
5. Select the **msdyn_ProjectServiceCore** solution, and then click **Delete**.
6. Select the **msdyn_ProjectServiceCore_Anchor** solution, and then click **Delete**.
7. Select the **MicrosoftDynamicsScheduling** solution, and then click **Delete**.
8. Select the **msdynce_SchedulingPatch** solution, and then click **Delete**.
9. Select the **msdynce_Scheduling** solution, and then click **Delete**.
10. . Select any solutions with a naming format of **msdyn_ProjectServiceCore_Patch_(number)**, (for example, msdyn_ProjectServiceCore_Patch_1 or msdyn_ProjectServiceCore_Patch_2), and then click **Delete**.

See Also

Delete user data from Project for the web

Project Service Core solution version history

3/22/2021 • 2 minutes to read • Edit Online

Introduction

This article lists all of the updates that have been made to Project Service Core solution in Microsoft Dynamics 365 to date, along with other information pertinent to those updates. This solution is used by the Project for the Web application that is available in Microsoft Project.

Upgrade Information

If you want to upgrade your solution within Dynamics 365 when a newer version is available, please see KB #3192042.

Version history

VERSION	RELEASE DATE	UPDATE DESCRIPTION
1.0.7.94	February 2, 2021	Items resolved in this version:
		- Bug: Copy Project intermittently fails
		- Bug: Block installation on orgs of type (Teams)
		Additional performance improvements and bug fixes
1.0.6.154	January 12, 2021	Items resolved in this version:
		- Bug: Breaking change by renaming web resource
		- Bug: Update web resources in base solution
		- Bug: Named orgs need default PostImport configuration parameters
		- Bug: Rename Common Data Service User to Project Common
		- Bug: Named orgs toolbar updates
		- Feature: Add customizable entities to app module
		Additional improvements in performance and bug fixes

VERSION	RELEASE DATE	UPDATE DESCRIPTION
1.0.4.71	November 7, 2020	Items resolved in this version:
		- Bug: Manual deployment fails with post-import error
		- Bug: User timezone related notification is not localized
		- Bug: Updated localization translation
		- Bug: Missing validation on Project Start Date
		- Feature: Added support for Project Operations
		Additional improvements in performance and bug fixes
1.0.1.605	April 3, 2020	Improvements in installation of the solution to address instances where the default team has been modified. Additional bug fixes and performance improvements
1.0.1.427	January 2020	Several bug fixes and performance improvements
1.0.1.211	November 2019	Several bug fixes and performance improvements

Roadmap's Portfolio Service solution version history

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Introduction

This article lists all of the updates that have been made to Roadmap's Portfolio Service solution in Microsoft Dynamics 365 to date, along with other information pertinent to those updates. This solution is used by the Roadmap feature available in the Project service.

Upgrade Information

If you want to upgrade your solution within Dynamics 365 when a newer version is available, please see KB #3192042.

Version history

VERSION	RELEASE DATE	UPDATE DESCRIPTION
0.8.7.40	October 2020	Plugins added to support Url updates in ConnectionSettings entity to support SharePoint site rename and Microsoft 365 tenant rename. Plugins and roles added to support Roadmap entities being owned by Microsoft 365 groups in the PowerApps Platform.
0.8.6.0	September 2019	Allow changing Roadmap item types (From KeyDate to Phase or vice versa).