

### Chapter 1 : Project Online: Getting to Project Web App – Microsoft Project Support Blog

*Project Web App, which is part of Microsoft Project Server , is a robust Web application that you can use to do everything from analyzing portfolios and managing proposals, to entering time in a timesheet and updating task status.*

Options available on the ribbon have been split into multiple tabs, with the most commonly-used functions grouped on one tab to simplify the reporting process. Adding lines to a timesheet has been simplified, and administrative lines are carried forward from one timesheet to the next. Those who are in line to approve time and task status submitted by team members will also notice improvements. Changes that were made to the approvals process enable organizations to better align with existing business processes. Events can be added to the approvals process that allow for potential third-party applications to implement a timesheet approvals workflow. Checks of timesheet totals can be further refined to take part-time employees into account. Also new in Project Web App, historical timesheet data can be kept indefinitely. This enables organizations to maintain old timesheet records for compliance and other reasons, without significantly affecting performance.

**Top of Page Improved functionality for managing projects** The Schedule Web Part in Project Web App has been improved to provide faster access to data and greater parity to the scheduling engine that is used in the Microsoft Project client application. Updates include the following: Schedule the entire project plan, instead of only the current task, without clicking Calculate or pressing F9. Cost and material resources can be assigned to tasks. Tasks can be assigned deadlines. Formula custom fields are updated immediately while you work with them in Project Web App. Tasks can be Fixed Work or Effort-Driven, with full functionality. When you are editing a project, if no actions are taken for a set amount of time, the editing session will time out to preserve valuable memory. Timeouts are also necessary to be able to recover from things such as power, network, or disk failures. A visual timeline of project tasks is included in the Schedule Web Part.

**Top of Page SharePoint task lists in Project Web App** Project Web App can now include SharePoint task lists in the Project Center, to support a transition from lightweight project management to a more mature enterprise project management solution. As soon as a SharePoint task list is connected to Project Web App, users can view the task list as a project in a primarily read-only state. You can include SharePoint task list projects in reports, and the assignments in SharePoint task list projects are taken into consideration when reviewing resource availability. As work on the tasks progresses, you may determine that the project would benefit from more the robust planning and tracking features in Project Web App. You can change the connected task list into an enterprise project, and it becomes editable in Project Web App and read-only on the SharePoint site where it originated. This helps to make reporting time and task status easier by integrating Project Web App with a tool that many users have open all the time. That means no more duplicating schedules to account for planned vacation time!

**Top of Page Mobile access to project data** A new addition in Project Web App is support for mobile access to your project data. A Web-based mobile site is now included, enabling team members and project managers to view project status at a glance on a mobile device. Using the touch-enabled mobile site, you can access and edit relevant project documents and do lightweight editing of project plans, all from your Windows Phone 7.

**Top of Page Enhanced BI Center and report availability** In Project Web App, reporting in the Business Intelligence BI Center has been improved to streamline the user experience with a better user interface and a visually enhanced new set of reports and dashboards. The new reports are highly customizable, and they use the new OData service to enable ad-hoc online report creation. Demand Management is about capturing all work proposals in a single place, taking these proposals through a multi-stage governance process, making decisions on which proposals to approve, and tracking progress on their execution until the work is complete. With Project Web App for Project Online, all operational maintenance is handled through a hosted service, leaving only project management office PMO administrative tasks, like setting up users, timesheets, custom fields, and views. Portfolio managers, project managers, and team members can access Project Web App for Project Online from anywhere with an Internet connection. Project Online can also include Microsoft Project for Office , which is a downloadable, subscription version of Microsoft Project Professional. When Project Web App is also installed, these SharePoint features are enhanced to incorporate the more complex project

management features of Project Web App. Project sites enable people in an organization to effectively collaborate on lightweight projects. Project sites also enable teams to access and share relevant data, documents, and communication. A project site provides the following: When a project site is part of a site collection that is associated with Project Web App, it can also be used to capture issues, risks, and deliverables. As highlighted in SharePoint task lists in Project Web App, the task list on a project site can be brought into the Project Center in Project Web App, for inclusion in reports and resource availability analysis. As a project grows in complexity, the task list on a project site can be converted to an enterprise project and managed by using Project Web App. Instead of navigating to different products, lists, sites, and site collections to view and edit tasks, a user can simply go to his or her My Tasks page to see a collection of all the things she or he needs to do in a single location. The My Tasks page includes many useful features to better organize your tasks: By default, it provides a view of all tasks one week into the past and three weeks into the future. The timeline is fully customizable, and it is designed to help you view your tasks in whatever way makes the most sense to you.

### Chapter 2 : Create Project Web App Instance Project Server

- [Voiceover] Hi, I'm John Riopel, and welcome to the Microsoft Project Web Application. In this course, we'll look at how to use the Project Web Application. I'll show you how to create an Enterprise project, by clicking into the project ribbon, and then selecting the Enterprise project type.

The usual issues are finding PWA through navigation, or getting Access Denied messages due to missing permissions or licenses. First navigation in the role of administrator. As an admin the Office Admin Center will look like this: There are a couple of routes to PWA, and the following screenshots assume the administrator has also been assigned a license for Project Online. And the default will be the one that automatically gets provisioned when signing up for Project Online. The address of this default site is. If you delete the default site for some reason then this link will just be bad and give a "webpage cannot be found." The link actually goes to -my. The other route is via the Admin drop down, then selecting SharePoint: To avoid this route of course you could save to favorites! Now on to the users view of things, and introducing the part that permissions and licensing play in accessing PWA. If the user logs in via https: Ask the site admin to give you access or sign in with a different account. Someone with permissions on the site, such as the administrator, would need to navigate to PWA, then click the SHARE option towards the top right, and they would see this dialog: This is the Project Server version "so not all is applicable to Project Online. I understand a more tailored version for Online is in the works. No logout needed when adding permissions, but does take a short while before I can get to the site and the direct link will also be in the e-mail sent to my account. If I then removed the user from the Team Members group so the site was no longer shared with them then I would be back to the Access Denied message shown earlier. So there you have it " navigation, licenses and permissions for PWA. I should also note, as the question comes up frequently, that you cannot share PWA sites to external contacts " they need to be licensed users for Project Online within your tenant. You will see "an unexpected error has occurred" and get an error in the ULS logs: Steps to overcome this are: Thanks to my colleague Sriram for finding the resolution to this issue.

### Chapter 3 : Project Web App "Status" field options

*Important. When you create a new Project Web App site in conjunction with a new site collection, we recommend that you use a separate SharePoint Server content database for the Project Web App site and its associated project workspaces.*

The Microsoft Project version employed ODBC to connect to the server, which is problematic over low bandwidth and high latency connections. The version uses SOAP to access the server. Specifically, a job in the queue could get stuck and block other jobs from completion. The advantage of the queue is that MS Project uses a local cache, enabling the user to continue to work on his project plan even when he is not connected to the server. It is an improvement over the version which only had 1 OLAP cube. With the new cube Calculated measures can be added to the cubes, which enables reporting on custom created fields. Project Server features a local cache which effectively allows the user to have 2 copies of a Project Schedule. Changes made after the first save will just be synchronized rather than replacing the server copy which speeds up response times. But currently there are known cache issues. Other features include Project Portfolio Server , the inclusion of a "Timeline" view, which graphically represents key tasks and milestones. Another view that helps with resource management is the Team Planner, which provides a graphical view of assignments of tasks to resources. The Team Planner also shows unscheduled and unassigned tasks. This version brought about two name changes: The menu area indented outline list becomes a simpler 1-level list and the display area text list becomes a carousel of rectangular icons. Architecture of four Databases becomes one Database with 4 schemas. The change of separate storage areas Draft, Published, Reporting, and Archived to being one with flag setting is to lessen the amount of DB admin needed and now allows web access not limited to Published, i. Direct reporting feeds to URLs and Office. Without going through a Project interface at all, reports are made available directly to a URL instead of needing to develop REST feeds, and reports are also directly readable oData by Office products. SysAdmins and Team Members no longer go through Project. It now provides a simple view for basic project data and management of user access in Sharepoint groups, which were previously reached by navigating through the PWA interface. Project Server and Microsoft Project are not backward-compatible with other versions of Project Server. Microsoft Project blog. Retrieved 17 April Retrieved 18 April Client requirements for Project Server Retrieved 6 September

### Chapter 4 : Provision Project Web App Within SharePoint

*Project Server integrates the SharePoint Server Business Intelligence Center site template into each instance of Project Web App, which provides a central point for hosting the reports, dashboards, and report connections that can be auto-created or manually authored to provide access to reporting data in a given instance of Project.*

This section suggests starting points based on typical roles for working on a project: Project managers In Project Web App, project managers are the people who create and maintain projects and tasks, assign resources to tasks, and track task work and status. If you are a project manager, one of the first things you may want to do is to create a new project , or import a SharePoint task list into Project Web App. On the Quick Launch, click Projects. On the ribbon, click the Projects tab to access the tools that you can use in the Project Center. Click New, and then choose how you want to create a new project, or click Add SharePoint Sites to import a task list from an existing SharePoint site. Project managers may also be interested in working with resources , or time and task progress approval. If you have been managing a project by using a SharePoint task list, you may find it helpful to read through Overview: Team members In Project Web App, team members are the people who actually do the work on projects and tasks. If you are a team member, your starting point might be filling out a timesheet , or entering the status of your tasks. You can read more about this process in Overview: Track your time and task progress. To take a look at your timesheet or task status, click Tasks on the Quick Launch. You can use the Project Center to view the overall project schedule. To go directly to documents, issues, risks or deliverables, click the corresponding button in the Navigate group. Team members may find the Track your work Web Part, on the Project Web App Home page, helpful as a starting point for entering task status or viewing the projects that contain your assigned tasks. Portfolio managers In Project Web App, portfolio managers are the people who guide project proposals through the process of comparing proposals against business needs, financial constraints, and other deciding factors. One way you might start is by creating business drivers, prioritizing them against each other, and performing cost- or resource-based portfolio analysis. Site administrators Site administrators are the people who configure the Project Web App settings. They are responsible for setting up a wide variety of options in Project Web App, including things like users, time reporting periods, and custom fields. A good starting point for site administrators is the Project Web App Settings page. There are several options on this page for configuring different parts of Project Web App. By default, security is managed by using SharePoint permission mode. In this mode, you add users and groups in SharePoint, and they are synchronized with Project Web App. However, a more granular Project Server permission mode is also available. You may also find it helpful to post your questions and issues on a discussion forum. The discussion forums tend to be very active, which make them a great resource for finding others who may have worked through similar issues, or encountered the same situation.

### Chapter 5 : Microsoft Project Server - Wikipedia

*Create project web app Instance Project Server Project Server has the capability to host multiple PWA sites on the same racedaydvl.com Web Application will host Top-Level site collection and PWA racedaydvl.com you are going to Create Project Web App instance(PWA).*

It features conceptual and "How to" articles, sample code, and programming references for the Project clients and Project Server In addition, the ProjectSDK. To help develop task pane apps for Project and to develop JavaScript and. Note For updated assemblies that include Microsoft. Apps subdirectory includes solutions for task pane apps in Project Professional and a SharePoint-hosted Project Server app. AddTaskToProject is a simple example that adds tasks to a specified project. ReadProjectList is a basic app for. Project Server Excel Optional, for use with reports in Project Required for creating declarative Project Server workflows. Required for developing apps, Web Parts, managed code workflows, and event receivers for Project Server , and managed code add-ins for Project Standard or Professional. Recommended for developing task pane apps for Project Install Instructions To install this download: Download the file by clicking the Download button near the top of this page and saving the file to your hard disk drive. Back up any modifications that you made to previous Project SDK files. Follow the instructions on the screen to complete the installation. To avoid issues with code access security, you can choose a different installation directory, for example, C: You can install the samples in the local directory or to another directory on your computer. To remove this download: To remove the download, delete the ProjectSDK. To remove all the installed files, delete the Project SDK installation directory. Additional Information This package does not collect any personal information.

## Chapter 6 : Project Web App Graphical Indicator help

*In this video I explain how to create a connection from Microsoft Project Professional to a Project Server / Project Online environment. Although this video uses Project Professional , if your using Project Professional / Project Server the instructions are exactly the same.*

Note If your organization requires databases to be created manually by a database administrator, have your database administrator see New-SPPProjectDatabase and create the Project Web App database before you proceed with the procedures in this article. Video demonstration This video shows the steps involved in creating a Project Web App site with a new site collection in a Project Server farm, as described in this article.

Deploy Project Web App with a new site collection Create a top-level web site If a top-level web site does not exist for the web application where you want to create a Project Web App site, you must first create one. Use the following procedure to create a top-level web site if needed. For Windows Server R2: For Windows Server

Choose a Web application from the Web Application drop-down menu. Note If no Web application is available, you must create one. Type a title for the site collection in the Title box. In the Template Selection section, choose a template for the site. Note Project Server does not require a specific template. You can choose one appropriate for your organization. In the Primary Site Collection Administrator section, type the name of the account that you want to use for the site administrator. After you have created the top-level web site, you must grant users access to the site. Use the following procedure to grant read access to the top-level site. To set Read permissions on the top-level Web site Navigate to the root site that is, http: At the top of the page, click Share. On the Share dialog box, click Show Options. From the Select a group or permission level, choose Visitors [Read] In the Enter names or email addresses text box, type Everyone. Create a Project Web App site Important When you create a new Project Web App site in conjunction with a new site collection, we recommend that you use a separate SharePoint Server content database for the Project Web App site and its associated project workspaces. To correctly isolate the Project Web App site in its own content database, you must deploy Project Web App at a time when other administrators are not creating new sites on the Web application where you are deploying Project Web App. By putting Project Web App and its associated project workspaces in a separate content database, you greatly simplify site migration and backup and restore procedures. Creating a Project Web App site takes five basic steps: Temporarily lock down existing content databases. Create a content database to host the Project Web App site and its associated project workspaces. Create the Project Web App site itself. Lock down the Project Web App content database to prevent additional site collections being added. Unlock existing content databases. SharePoint Server uses a round-robin algorithm to determine the distribution of site collections across content databases. In order to deploy the Project Web App site to a specific content database, you have to lock down any existing content databases in the farm. The process does not affect user access; it only affects the distribution of new site collections. Note If you are deploying Project Web App to a new web application that will be dedicated to PWA, you can use the default content database created with that web application for Project Web App. In this case, there is no need to follow the following lockdown procedures. However, we do recommend that you set the Maximum number of sites that can be created in this database setting to 1 for that content database after you deploy Project Web App. This helps avoid having additional site collections beyond Project Web App being created in that database in the future. To lock down your content databases, follow these steps for each content database associated with the Web application where you plan to deploy your Project Web App site. Important Ensure that no other administrators are adding site collections to the Web application where you plan to deploy Project Web App while you are performing the procedures in this section. In the Current Number of Site Collections column, note the number of site collections for the database that you plan to lock down. In the Database Name column, click the link for the content database that you want to lock down. In the Database Capacity Settings section: In the Maximum number of sites that can be created in this database box, type the existing number of site collections for this database as noted in the Current Number of Site Collections column, earlier in this procedure. Note Take note of the current value for this parameter. You will have to

change it back to this value after the PWA site has been created. In the Number of sites before a Warning event is generated box, type a lower number than the value that is used for Maximum number of sites that can be created in this database. You will have to change it back to this value after the Project Web App site has been created. Click Add a content database. In the Database Name and Authentication section, type the database server name where you plan to deploy your Project Web App databases, and type a name for the database. After the content database has been created and configured, the next step is to create the Project Web App site itself.

### Chapter 7 : Exam Managing Programs and Projects with Project Server

*Project Online: Getting to Project Web App is a must read. This is the Project Server version - so not all is applicable to Project Online. I.*

Team members, project participants, and business decision makers can get started, prioritize project portfolio investments and deliver the intended business value from virtually anywhere. It also needed a separate installation. The wizard had to be run on all application servers in the farm before you could start using Project Server. However, Microsoft realized the need for integrating it into Share Point. In Share Point it comes inbuilt as a Service Application within the system. All you have to do is create the Service Application and activate a couple of features. Go to Share point Central administration. Next step involves the creation of the Project Server Service Application. Specify the name of the Service Application and provide a managed account to administer the application. This will successfully provision the Project Server Service Application. It will be listed in the available Service Application group as shown below: Now we are all set to start off by creating a new Project Web App instance. Neither it is available anywhere within the Central Admin. Create a New Site Collection. It can be any template. Upon successful creation of the Site collection we have a fully functional team site. But it gave me an unexpected error as below: This is something Microsoft will have to look into in the final release as this comes up intermittently. Thus we have successfully turned the Project web app feature from PowerShell. Finally we have converted the Team site into a Project Web App. If we go back to Central Admin and navigate to the Project Server Service application, we can see our recently transformed site under it. However we have an option to use PowerShell and create it directly which we will see in my upcoming article.

### Chapter 8 : What Is Microsoft PWA? | racedaydvl.com

*Create New Project in Project Web App (PWA) - Project Server Microsoft Project - Project Management with SharePoint - Duration: Project Web App Demo - Duration:*

For the Sample Reports library: In the External Data section: In the Allow External Data section, select the Trusted data connection libraries and embedded option. In the Warn on Refresh section, clear the Refresh warning enabled check box. Leave the remaining options at their default value, and then click OK. You must configure trusted data connection libraries in order to give users access to the connectors that link the report spreadsheets to the data in the Project Server Database and OLAP databases. In the left pane, click Data Connections. On the Data Connections page, click the Open Menu button On the toolbar, click View Properties. Copy the URL in the Location text box. Click the Excel Services service application. Click Trusted Data Connection Libraries. In the Address box, paste the URL for the data connection library that you copied in the previous procedure. It should be in the following format: You must create this target application in order for the sample reports to work. Use the following procedure to create the target application. Click the Secure Store Service. On the Secure Store Service page, select the Edit tab. In the Contact Email box, type an email address. From the Target Application Type drop-down list, select Group. On the Specify the membership settings page: In the Target Application Administrators box, type the name of the user who will administer this target application. In the Members box, type the name of the domain group you created for report viewers. On the Secure Store Service Application page, select the check box for the target application that you just created. On the ribbon, in the Credentials section, click Set. On the Set Credentials for Secure Store Target Application Group dialog box, type the user name and password of the account you created for the secure store target application. We recommend that you add this account to the Report Authors Active Directory group to give it the required permissions. Add the Active Directory accounts of users who will be creating reports using Excel. Note If your report authors will also be viewing reports, you can add the Report Authors group to the Report Viewers group in Active Directory.

### Chapter 9 : permissions - Users access denied in Project Web App site - SharePoint Stack Exchange

*Improvements were made in Project Web App for Microsoft Project Server for project managers, team members, portfolio managers, and site administrators. In addition, features were introduced in Microsoft SharePoint Foundation that integrate closely with Project Web App for Project Server*