

SAP Build Work Zone Overview, Beginners Guide and Technical Insights - Part 3

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ABSTRACT

SAP Build Work Zone is a digital workspace solution that aims to boost employee efficiency and involvement by offering a personalized gateway to applications, processes, data, and communication tools. It serves as a hub where employees can seamlessly engage with enterprise systems and resources whether they are, on-site or working remotely. Work Zone seamlessly integrates with both SAP and non-SAP systems providing a platform that can be customized to suit the requirements of different roles within an organization. It features work areas, dashboards, and tools that bring together tasks, notifications, and data from sources in one user-friendly interface. With its drag-and-drop simplicity for site creation, this platform facilitates the integration of enterprise apps and third-party solutions. By streamlining user experiences it tackles issues like juggling systems accessing diverse applications and managing complex tasks effectively. SAP Build Work Zone empowers users to complete their tasks access information easily stay updated with reports and alerts while enabling access, from any device at any location. These digital experience services are crafted to provide uniform and captivating user experiences across all channels, business processes, and applications. Essential components comprise pages using drag-and-drop editor business templates, for generating content personalized branding and theming and streamlined content management along, with creating a knowledge base.

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Introduction

SAP Build Work Zone is a component of SAP's Digital Experience package offering a smart work environment. It allows users to easily create websites using a drag-and-drop interface, link applications, and incorporate tools. This all-in-one platform tackles obstacles like navigating through systems and software as well as streamlining intricate assignments. With SAP Build Work Zone users can efficiently complete their tasks locate information stay updated with notifications and reports and work from any location, on any device.

SAP Start serves as a gateway, to SAP's range of applications offering users a cohesive experience. It functions as a hub where individuals can easily access SAP services and tools streamlining their work processes and boosting efficiency. By providing an interface SAP Start simplifies navigation, across SAP solutions allowing users to effectively handle their tasks without the need to switch between multiple applications.

Business Application Studio (BAS) is a powerful development environment designed to simplify the creation, management, and deployment of business applications. As part of SAP's portfolio of development tools, BAS provides a modern and comprehensive

Integrated Development Environment (IDE) tailored for building enterprise-grade applications. It supports multiple programming languages and frameworks, enabling developers to work on diverse projects within a single platform.

SAP Fiori is a user interface design system created by SAP to enhance the user experience in their software applications. It focuses on delivering an easy, easy-to-use interface that streamlines business tasks through well-defined design principles and responsive layouts.

Pre-requisite: To understand this paper thoroughly prerequisite is SAP Build Work Zone Overview, Beginner's Guide, and Technical Insights - Part 1 and Part 2

Core Capabilities and Key Building Blocks of SAP Build Work Zone, Advanced Edition

The SAP Build Work Zone, Advanced Edition comes with a variety of core features and essential elements.

Site Menu: This serves as the hub for users to access applications, workspaces, work pages, and other resources.

Workpages: Pages, These interactive pages can be personalized to include content, like applications, widgets, and UI cards. They

are adaptable to suit the requirements of users or teams.

Workspaces: These are shared spaces within the SAP Build Work Zone, Advanced Edition designed to support business processes, projects, or team endeavors. They offer a location for team members to access applications, work pages, information, and tools.

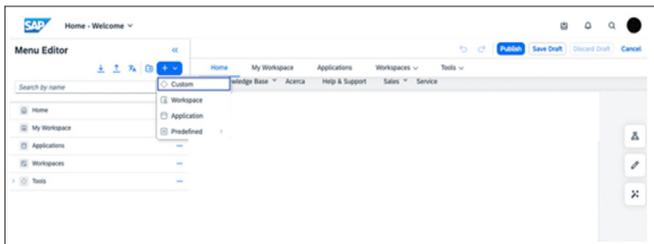
Applications: These components enable users to carry out tasks and processes within the SAP Build Work Zone. The platform accommodates an array of applications. From SAP offerings to customized solutions. Catering to a range of business needs.

Together these elements combine harmoniously to form a versatile platform that boosts efficiency and teamwork within an organization.

Site Menu

The Site Menu serves as more than a tool for navigating; it acts as the entry point for users to explore the features, apps, and resources available on the platform. It acts as a guide for navigation offering access to workspaces, apps, and other resources. A structured Site Menu improves user experience by making navigation intuitive and speeding up the time it takes users to locate what they're looking for.

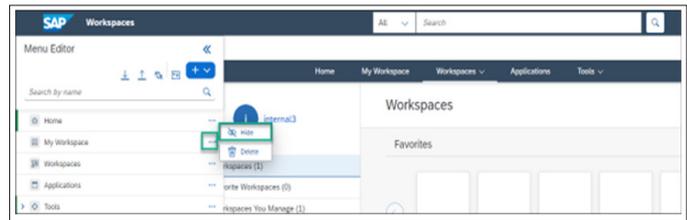
Company admins can access the Site Menu setup panel from within the SAP Build Work Zone interface. Here they can see the current menu layout and make adjustments as necessary. Admins have the option to add, remove or reorganize menu items with each item customizable to link to types of content like apps, workspaces or external URLs. Moreover, they can define access permissions for each menu item to ensure users only view content to their roles and permissions. This level of flexibility and control over the Site Menu greatly enhances an efficient user experience.



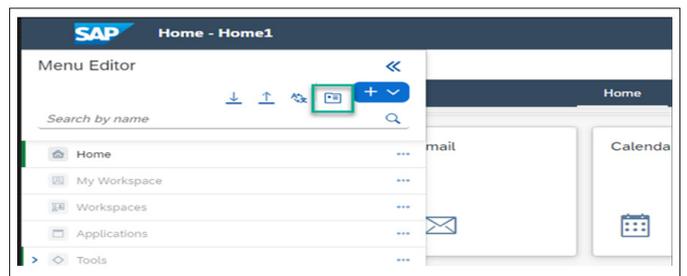
The menu options available, in SAP Build Work Zone, are diverse. Custom menu items offer flexibility by allowing administrators to connect to content sources both within and outside the SAP Build Work Zone environment. Workspace menu items provide links to workspaces making it easy for users to access collaborative spaces. Application menu items act as shortcuts to applications on the platform providing access to essential tools. Predefined menu items are links that lead to used features or services in SAP Build Work Zone ensuring that users have easy access to key functions.

Managing a Site Menu

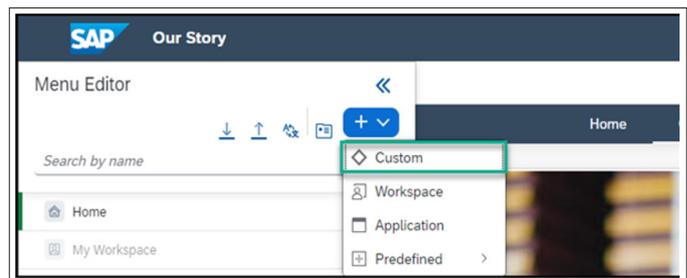
- Open the menu editor by hovering over the menu bar and find the editor edit button.
- You can remove the default menu items by clicking on the three dots against the item in edit mode and clicking on the hide button.



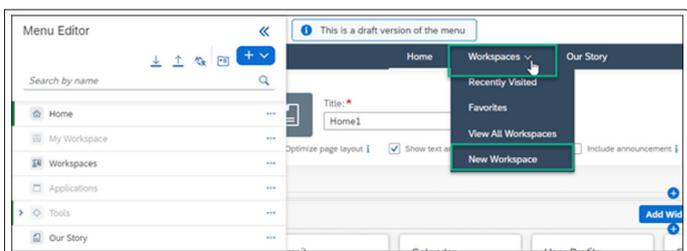
- You can directly create the work page from the menu content screen by clicking on the content icon highlighted below and navigating the menu content page where you can see all the items either select from one of them or create one by clicking + create > work page this will navigate you to work page creation page. There you can add titles and widgets such as images or text. In addition, publish it. The created work page is now available in the menu content list.



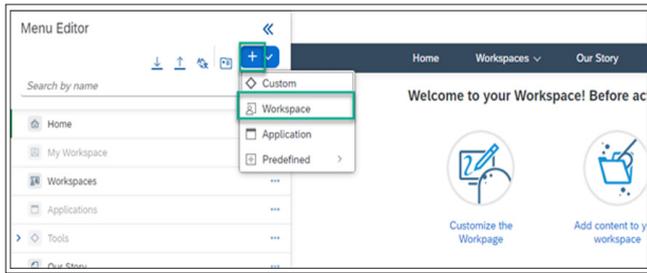
- Add the work page to the site menu click on the + button on the menu editor and select custom then add the menu item dialog enter the name and select the work page. Then click on the ok button. Save it as a draft from the header menu if you want to continue to add more items or publish it.



Creating a workspace for the site menu. When in edit mode on the right side select workspaces as shown below there you can select a new workspace. You can enter options such as template, title, and workspace permissions. Then you can add workspace or feed updates or members etc. to it. Then click on publish.



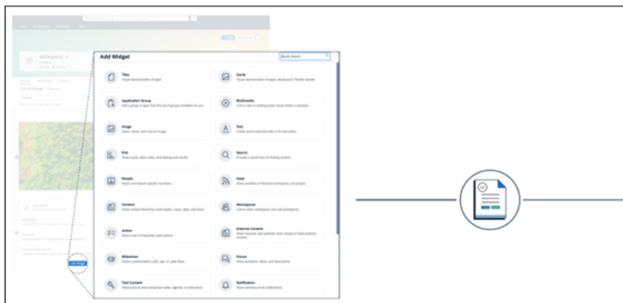
- Adding a workspace to the site menu. Click on the + button on the menu editor and select workspace. Then using the add menu item dialog add the details such as the name select the appropriate workspace select this menu item clickable and then click on ok. Then save the draft or publish as per requirement.



- Adding an application to the site menu. Open the Menu Editor and click + Select Application then select the application you want to add and click on then save draft or publish as per requirement.

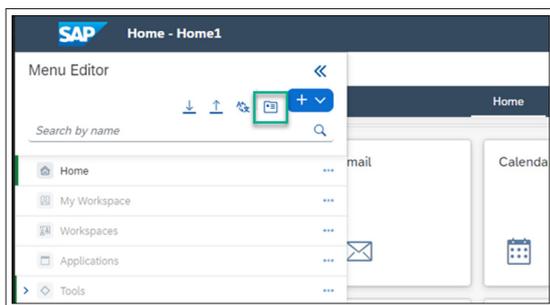
Workpages

Workpages are pages that can be personalized to suit needs providing a space where users can engage with different apps, information, and tools. They offer a user experience by combining content types using widgets and cards. Users can design contemporary pages without needing to code thanks, to an editor featuring a grid layout with six columns. The intuitive drag-and-drop interface includes a selection of tiles, cards, and widgets as integration options for the user interface. With the layout feature users can arrange content according to their requirements when creating Workpages. To set up a workspace users choose a base layout name for the page and then add and customize widgets and cards to fill the page with content. The integrated page editor provides users with editing tools and easy drag-and-drop functionality for seamless page creation and modification. Additionally, users can manage translations, monitor changes and versions, and adjust layouts by incorporating tiles, cards, and widgets without needing coding skills. Any modifications made are instantly visible on the page, without requiring any expertise.



Creating a Work Page

- Work page creation can be accessed through the menu editor by clicking on the content navigator then or the workspace editor. We will navigate through the menu editor.



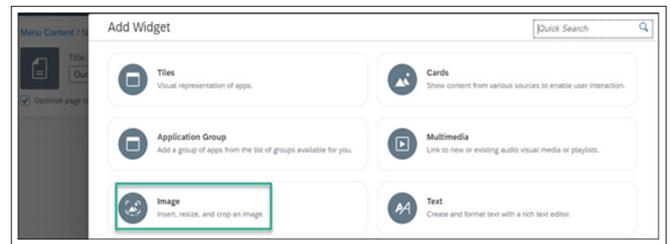
- In the menu content page + create option select workspace as shown in the below image.



- Enter the title of Workpage and click on + add button. In this section click on the add widget.



- There you have multiple options such as you can add an image and format that image according to your need such as layout type, link or uploaded image, etc. or you can add a simple text card or other multimedia.



- Once you have added and formatted the required content you can click on publish it or save it as a draft for future changes then publish it.

Workspaces

Workspaces are designed to promote teamwork and boost productivity by providing a setting. They are equipped with a layout that integrates tools and software to streamline work processes, collect data and exchange best practices. These spaces facilitate communication and interaction among team members creating an efficient work environment. Users can set up workspaces for all staff. Restrict access to administrators, who can then manage these spaces along with other internal users assigned as workspace administrators.

Workspaces support a variety of tasks including adding content, using planning tools integrating applications, and sharing information. To actively engage in a workspace individual, need to become members. Within these workspaces, members can communicate through feeds or forums. Use Workpages to share information and resources. Additionally, non-members can access content for viewing purposes in scenarios where the workspace is used as a repository for HR self-service documents.

The ability to create workspaces using templates provides flexibility for users. They can choose between private workspaces by selecting from predefined templates or starting from scratch. This flexibility allows for the customization of workspaces based on needs and goals. Furthermore, workspace administrators have the option to create custom templates using the Administration Console enhancing the adaptability of workspaces to meet

requirements.

Types of Workspaces

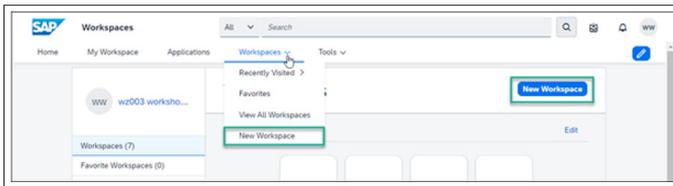
My Workspace you have your area where only you can view and use it. It's exclusively for your use. You can't share it with others.

Public Workspaces are open to anyone even if they're not members and can be viewed in read mode if desired allowing for visibility and engagement.

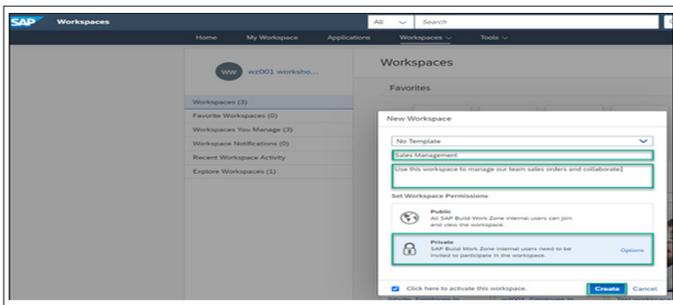
Private Workspaces are limited to members who have been invited or assigned access ensuring confidentiality and restricted entry.

Steps for Creating a Workspace

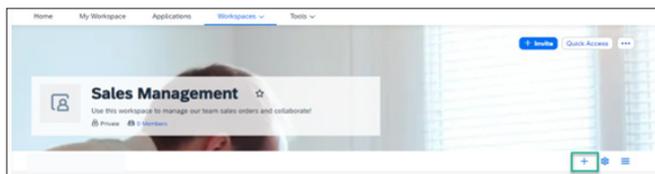
- Click on workspaces and click new workspace.



- Select the appropriate template if you want to or choose no template. Add a name, description set permissions as per requirement. It is now created, and you can start building on it.



- Things you can do are change the image of the header, with your own. To change it hover on the header and click on edit cover photo and upload your own. You can create Workpages for your workspace by clicking on the + button and click on the Workpages then adding a title and Workpages type a new Workpage add it to the folder you desire and follow the process of creating Workpages as we have mentioned up there in Workpages content.



- You can design a section by clicking on the + add button and selecting widgets from drop-down add images to text using drag and drop options to align your content appropriately.
- You can also add a forum to ask questions and so on in your workspace

Integrating Applications

Manual Integration

When integrating applications into the SAP Build Work Zone content manager manually you can include types of apps such as developed ones, third-party services, and standard SAP

applications. The process consists of these steps.

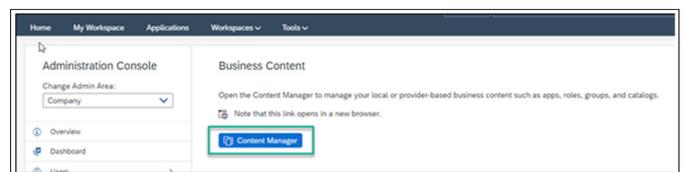
- Choosing the App:** Pick the application you want to connect.
- Setting Up:** Adjust the app settings to make sure it works well with SAP Build Work Zone. This might involve setting up sign-on (SSO) for login specifying the app's URL and configuring any parameters for its operation, on the platform.
- Adding to SAP Build Work Zone:** Once configured you can add the app to the platform using the Site Manager. Here you define how users can access the app.
- Testing and Validation:** After adding the app perform testing to confirm it operates correctly. This includes checking access rights, testing integration points, and ensuring that it meets user performance expectations.

SAP Build Work Zone utilizes **Content Federation through Content Providers** to bring in a variety of content, from sources making it easily accessible within the platform's ecosystem. This approach involves utilizing systems as content providers, which seamlessly incorporate applications, information, and services into SAP Build Work Zone. The process includes.

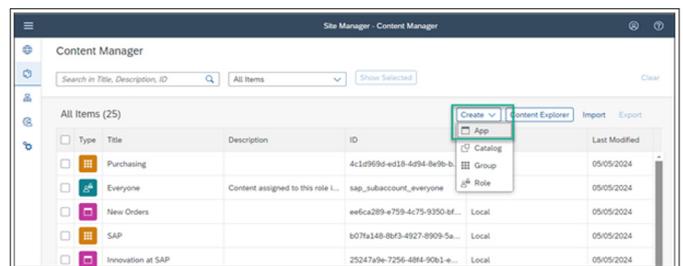
- Identifying Content Providers; Selecting which external systems or services to integrate as content providers.
- Configuration; Establishing the connection between SAP Build Work Zone and the content provider by setting up authentication defining access rights and ensuring data exchange between the systems.
- Content Integration: Once the connection to the content provider is established, integrate its content into the SAP Build Work Zone.
- Validation: Conducting testing, after adding the content to ensure it operates as intended. This involves checking access permissions, testing integration points, and confirming that the content meets user requirements effectively.

Add an application from a content provider to the SAP Build work zone:

- Go to the administration console, go to external integrations, and click on business content.



- In the content manager click on the Create button and choose the App option.



- Add fields such as title, system Application UI technology application id (for web Dynpro) add semantic object and action if needed visualization fields such as subtitle and icon.
- The application will be added to the content manager.

- Or if it is done through content federation from a system you can directly use system roles for processing the content. Such as by adding the content from Content Explorer and using the roles and applications directly through Launchpad.
- Assign the application to the appropriate role. Then assign it to a group or now you can see the application in Launchpad.

Conclusion

In summary, the SAP Build Work Zone, Advanced Edition offers features and key elements that boost productivity and teamwork within organizations. The Site Menu acts as a hub, for access to applications, workspaces, and resources making navigation smoother for users. Work Pages provide customizable spaces with tools like applications, widgets, and UI cards allowing users to personalize content based on their needs. Workspaces encourage collaboration among teams by offering areas for tasks, project management, and sharing information. The platform's applications cater to a range of business requirements from SAP solutions, to custom-made options. These fundamental features of SAP Build Work Zone, Advanced Edition empower organizations to create customized workspaces that enhance efficiency, interaction, and operational effectiveness throughout their business processes [1-11].

Declarations

Ethics Approval and Consent to Participate: Not Applicable
Consent for Publication: All authors have consent to submit this paper to the Journal of Cloud Computing. Also, we confirm that this paper or any part of this paper was not submitted anywhere.

Availability of Data and Materials: Not Applicable

Competing Interests: Not Applicable

Funding: Not Applicable

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