

SAP NetWeaver Cloud Portal - Product Overview
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1 SAP NetWeaver Cloud Portal - Product Overview

SAP NetWeaver Cloud Portal is a cloud-based solution for fast and easy portal site creation.

SAP NetWeaver Cloud Portal lets users build, brand, and publish external and internal web sites. Portal sites created using Cloud Portal can be consumed on both the desktop and on mobile devices.

The product leverages top SAP assets:

- Built-in support for the SAP HANA in-memory database
- Native integration with SAP on-premise systems
- Rapid development of on-demand applications using the secure development environment of SAP NetWeaver Cloud

Key Features

- Designed for mobile consumption, using HTML5 for dynamic adaptation to a range of different devices
- High-level of usability based on intuitive user interfaces
- Easy integration of SAP and non-SAP content from the cloud and on-premise sources
- Site branding and customization capabilities
- Social collaboration features
- Role-based access to business processes, information, and services

2 Sample Scenario: Harvey's Story

Harvey uses SAP NetWeaver Cloud Portal to build a site for his company's customer events.

Harvey is a Technology Manager at ITG, a global IT company that organizes quarterly events for delivering news about and hands-on access to the company's latest IT technologies and products. Harvey is organizing this year's events, and is looking for a software solution that will enable him to create a site to advertise information about the events, and to allow customers to register for them. He would like to be able to display demos, and list statistics about product sales. He would also like to provide a map for displaying the event locations along with a small application for registration.

Harvey is computer savvy but not a web designer or a developer, so the product he is looking for shouldn't be too complicated to learn and operate. On the other hand, Harvey expects it to have top-of-the-line features and to support the latest UI technologies so that the site he builds will look good on any mobile device.

Harvey has heard of SAP's new cloud-based product: SAP NetWeaver Cloud Portal. Since ITG has been using SAP systems for many years, Harvey feels confident to try Cloud Portal, because he assumes that this will facilitate integration with ITG's back-end systems.

The following describes the scenario that Harvey could follow to create his site using SAP NetWeaver Cloud Portal.

First step: Harvey plans the site

Harvey figures that he will need the following pages:

- An Overview page with tiles for each event. He would also like to have a widget for webcasts and a widget for RSS feeds.
- A page for each event. Each page will include an event schedule, highlights, and a list of presenters. Potential participants will be able to download the agenda in PDF format. The page will also include a map app widget and the back-end application for hotel booking.
- A last page that contains a Contact Us widget and a registration application (developed by ITG).

Second step: Harvey prepares site content

When the ITG account was set up on SAP NetWeaver Cloud Portal, Harvey was assigned the role of administrator. This gives him access to the Admin Space of the Cloud Portal, where he prepares content and themes for the site. Harvey opens the email he received from his SAP NetWeaver Cloud contact, and uses the links there to access the Site Directory and the Admin Space. He can now start working

1. Harvey first goes to the *Content* tab of the Admin Space and adds all the widgets he needs. Some of the widgets are available out-of-the-box, such as an image template and a video template (all he needs to do is to edit the widget and point to the images/movies he has saved on his file system). He can directly add certain other widgets, such as the map app, but others are more complex and he will need assistance from a developer.

2. Harvey contacts his friend, Kim, a software developer, and asks her to help him create an application for registration. Kim asks for the technical details and Harvey sends her the link to the Developer Center on SCN, where Kim finds all she needs to know for creating and uploading an application to SAP NetWeaver Cloud. Looking through SCN, Harvey finds a document explaining how to configure his Cloud Portal to connect to his SAP back-end system. He asks Valery from IT to help him with that, just to speed things up. Harvey is pleased that the content is ready in a relatively short time.
3. Harvey goes to the *Themes* tab of the Admin Space. He used this screen previously to download the default theme file and he sent it to the User Experience people at ITG. They created a theme for the site, using the downloaded version as reference. He now uploads two CSS files that he received from the User Experience department. He will decide which theme to use after viewing them on his site.

Third step: Harvey builds the site

Harvey goes to the Site Directory. He creates a site and names it *ITG Annual Customer Events*. The site is created immediately and Harvey opens it for editing in the Authoring Space environment

1. First, Harvey creates pages by clicking on the page navigation bar. Following his planned layout, he adds an Overview page, one page for each event and a final page for registration and contact information.
2. Harvey then adds content to each page. He opens the Content Catalog and drags widgets onto the pages. He moves the widgets around until he likes the layout. He edits the image widget and browses for images on his file system. He does the same for the video and document templates, where he browses for the relevant video clips and the PDF with the event agendas.
3. Harvey now goes to the *Site Layout* pane and views the two themes he uploaded to the Admin Space. The second one definitely looks better and he chooses it.
4. Harvey navigates back and forth through his site. He makes final modifications to the layout and checks that all widgets are populated with content. Harvey uses the *Site Simulation* feature to ensure that the site looks clear and appealing on different mobile devices.
5. Now Harvey is ready to publish the site. But first, he changes the site URL to a more user-friendly name and clicks *Publish*. The site is online. Harvey is excited.

Fourth step: Harvey invites ITG customers and assigns an assistant

Harvey is now ready to send emails to all ITG customers to invite them to access his site. He writes a welcome note to the customers and forwards the text to Owen, his assistant. Harvey wants Owen to handle the invitations and for that purpose he assigns him the role of co-author of his site.

1. Harvey goes to the *Users* pane of his site and adds Owen as an author.
2. Owen receives an email with a link to the Site Directory, from which he opens the site for editing. He then goes to the *Users* pane and adds ITG customers as site users, using the text he received from Harvey in the invitation dialog box.
3. Owen notifies Harvey that all the invitations have been sent. Mission completed!

3 Release Notes

These features have been changed or added to SAP NetWeaver Cloud Portal.

Table 1: November 12

Feature	Audience	Type of Change	Description
Add site authors directly	Author	New	It is now possible for authors to assign other authors to their site, directly in the <i>Users</i> list. The author assigns a person to be author by adding that user's ID, first and last names, and email address to the list. An email is sent to the newly-added author, with a link to the site.
Logout procedure	All users	Enhanced	When users log out from Cloud Portal, they are now redirected to a logout page that contains the URL link to the page that they last visited.
General performance	All users	Enhanced	A range of features for administrator, authors, and end users were improved to enhance overall product quality and ease of use.
Developer documentation	Developers	New Updated	<ul style="list-style-type: none"> The <i>CSS</i> document has been updated to include the option for changing border settings for widgets with no border area <i>Widget - Page Navigation</i> A new capability has been added to enable navigation between a widget source and page targets in the site

Table 2: October 2012

Feature	Audience	Type of Change	Description
Contact Us and links to Community	Administrator	New	The following links have been added to the footer of all pages in the Admin space: About , Contact Us , Community (SCN), Privacy Statement , Terms of Use , and Legal Disclosure
Logout procedure	All users	Enhanced	When end users log out from Cloud Portal, they are now redirected to a logout page that contains the URL link back to the Site Directory.
Enhancements to side-panel functions	Author	Enhanced	<ul style="list-style-type: none"> • Theme functionality has been revised • The Layout panel functionality has been revised and enhanced graphically.
Optional maximize functionality for widgets	Author	Changed	You can choose whether or not to provide maximize functionality for each widget. By removing the widget frame, you also remove the Maximize function.
Added rich text editor	Author	New	A new rich text editor has been added as part of the initial content of Cloud Portal. The author can use the editor to create text and edit HTML markup.
Case-insensitive user IDs	All	New	User IDs are case-insensitive. For example: ID "JIM5p" is the same user as "Jim5P" or "jim5p".

Table 3: September 2012

Feature	Audience	Type of Change	Description
Site Director for end user	End user	Enhanced	The Site Directory now serves end users as a single entry point that lists and provides access to all

Feature	Audience	Type of Change	Description
			sites to which they have been invited.
Support for multiple IDs during onboarding	Administrator	Enhanced	Administrators can now assign multiple personnel to be tenant administrators for initial onboarding to Cloud Portal.
HTML viewer	Author	New	Complementing the document and image widgets, the HTML viewer enables the site author to add HTML content to a page, to provide information or images for the end user.
Site layout	Author	Enhanced	When defining widget layout, authors now have an option to add a frame area for a widget. The frame area includes an icon, title, Maximize button and external border. When no frame area is selected for a widget, the authoring buttons are displayed by hovering over the authoring panel in the widget.

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