PMC266
SAP NetWeaver Cloud Portal in Action

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Workshop Agenda
Create Your Business Site

- Cloud Portal Overview
- Content management
- Site authoring
- Site lifecycle
- Authentication & Authorization
- Themes and branding
- Summary

SAP NetWeaver Cloud Portal
Publish beautiful, mobile-enabled sites while reusing existing assets

Fast

- ✓ Create site in few minutes
- ✓ Publish on the spot
- ✓ No training required
- ✓ Use your existing content

Powerful

- ✓ On Premise Connectivity
- ✓ Based on Open Standards
- ✓ Runs on SAP HANA and NetWeaver Cloud

Maintenance Free

- ✓ Provisioned as a service
- ✓ Always ready for use
- ✓ IT department is free from maintenance activities

Integrated

- ✓ Integrates your existing content
- ✓ Integrates with your existing authentication mechanism
- ✓ Integrates with your authorization concepts

Main Capabilities

- Begin site authoring in minutes
- Author mobile-enabled sites
- Sites lifecycle
- Manage themes and sites branding Manage authorization and invitations
- Manage widgets
- Connect to existing content
- Open standards supported: Open Social, SAML2, CMIS
- Integrate with on premise authentication methods
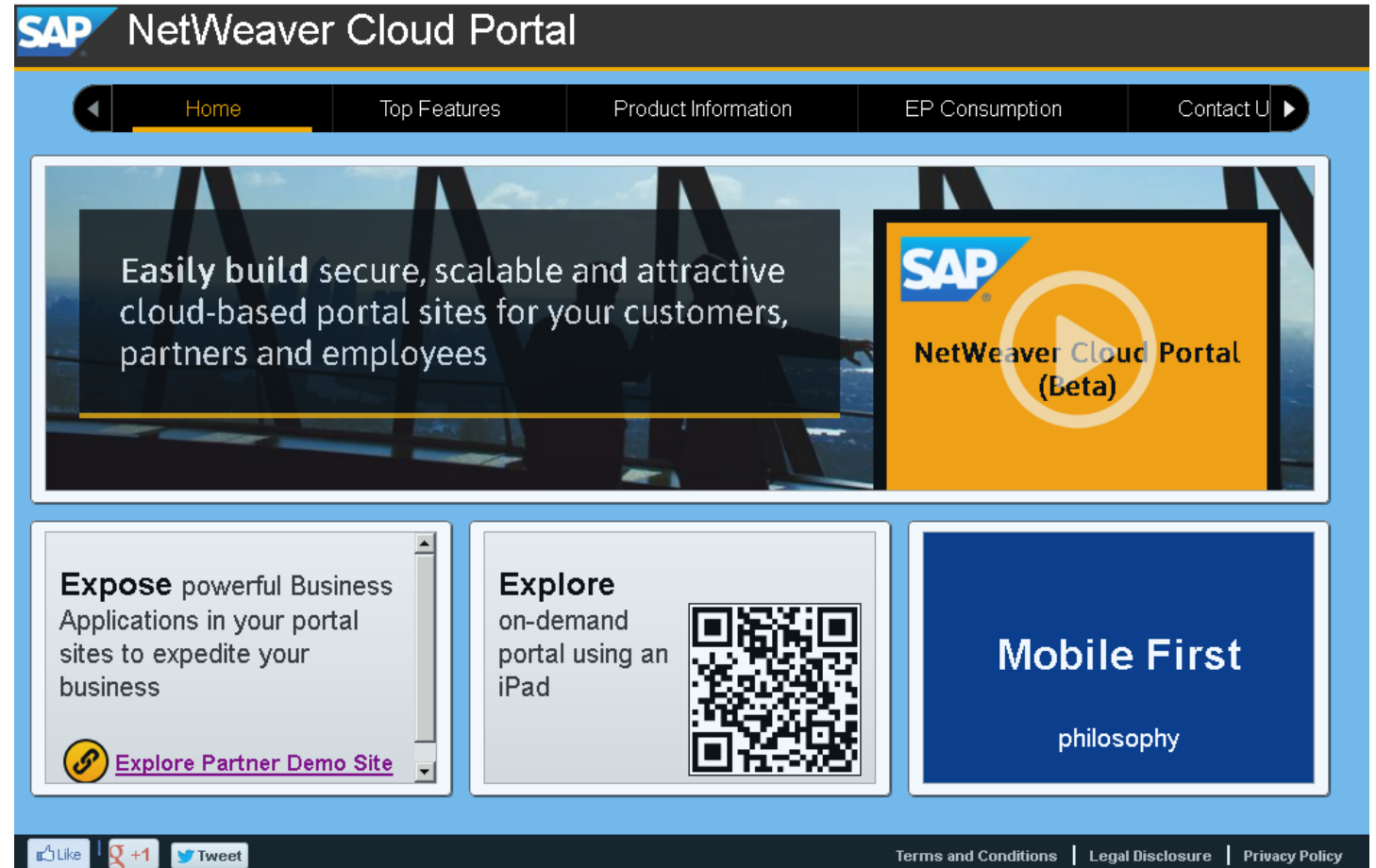
Terminology – Part I

1. **Account** – an entity of SAP NetWeaver Cloud where customers may develop their own apps and connect to other apps and services like SAP NetWeaver Cloud Portal
2. **Tenant** – Entity under account where applications are assigned and configuration is stored
3. **Application** – Web application running on NetWeaver Cloud. Can be application developed by customer within customer's account or application provided by SAP or 3rd party vendor. Application is assigned to the tenant

Account   **Tenant**   **Application or site**

https://serverdemoportal-demo.netweaver.ondemand.com/portal/index.html

Terminology - Part II

3. **Site Creator role** – User assigned to this role may create sites

4. **NetWeaver Cloud Portal Operator role** – This role extends Site Creator role and allows also user assignments to roles in SAP NetWeaver Cloud Portal

5. **NetWeaver Cloud Portal Administrator role** – This role extends NetWeaver Cloud Portal Operator role and allows also widgets management and themes management

6. **Site Owner role** – this role is per site and allows assigned users to manage particular site

7. **Site End User** – this role is per site and allows assigned users to use the site

Security Assertion Markup Language

From Wikipedia, the free encyclopedia

Security Assertion Markup Language (SAML, pronounced "sam-el"[1]) is an XML-based open standard data format for exchanging authentication and authorization data between parties, in particular, between an identity provider and a service provider. SAML is a product of the OASIS Security Services Technical Committee. SAML dates from 2001; the most recent update of SAML is from 2005.

The single most important problem that SAML addresses is the web browser single sign-on (SSO) problem. Single sign-on solutions are abundant at the intranet level (using cookies, for example) but extending these solutions beyond the intranet has been problematic and has led to the proliferation of non-interoperable proprietary technologies.

Terminology - Part III

8. **Widget** – Open Social or URL based component in Content Catalog and on the site

9. **Content Catalog** – Repository and UI component where site owner can find content and add to his site

10. **Theme** – CSS file that can be uploaded by portal administrator and selected by site author, which allows to control visual representation of the site

OpenSocial

From Wikipedia, the free encyclopedia

OpenSocial is a public specification that defines a component hosting environment (container) and a set of common application programming interfaces (APIs) for web-based applications. Initially it was designed for social network applications and was developed by Google along with MySpace and a number of other social networks. In more recent times it has become adopted as a general use runtime environment for allowing untrusted and partially trusted components from third parties to run in an existing web application. The OpenSocial Foundation has also moved to integrate or support numerous other open web technologies. This includes Oauth and OAuth 2.0, Activity Streams, and portable contacts, among others.

Content Management

Main concepts:

- Open Social widgets or URL

- SAP content

- On premise content

- Categories based content organization

- Content providers

Main features:

- Available to portal administrators only

- Widget addition

- Widgets management

- Widgets organization with categories
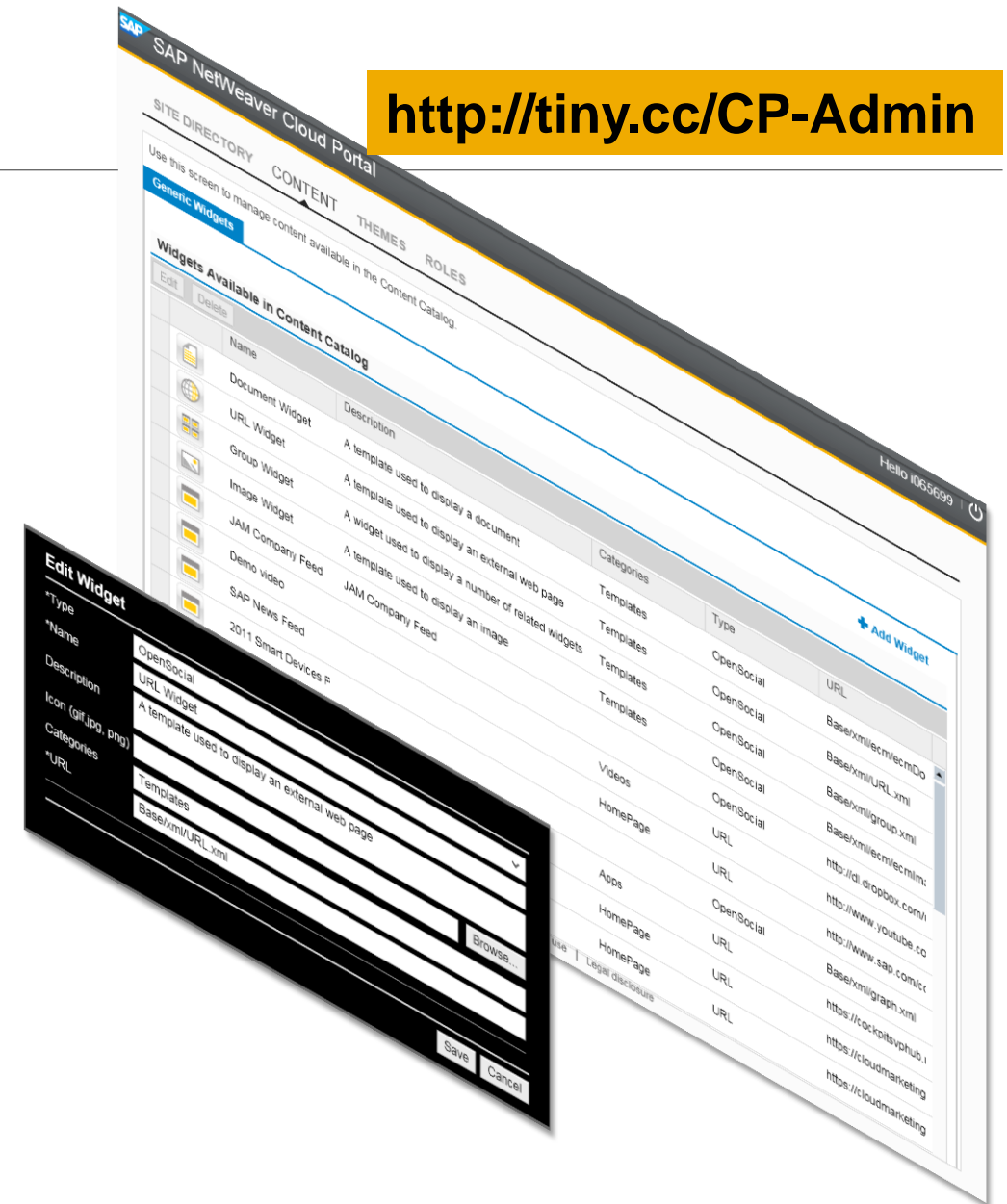
Site Authoring

Main concepts:

- WYSIWYG authoring
- Content Catalog contains available content
- Template widgets
- Site lifecycle

Main features:

- Available to site authors
- Content selection
- Sites management
- Layout management
- Navigation structure with pages and groups
- Widgets configuration

Site Lifecycle

Main concepts:

- Separate design time and run time

- Publishing

- Basic versioning

- URL manipulation

Main features:

- Preview

- Publish and taking offline

- Revert to the last published version

- Editing URL

Site Authentication & Authorization

Main concepts:

- SAP ID is the default identity provider

- Can be authorized with SAML2 compliant Identity Providers (IDP)

- Can propagate identity to SAML2 Service Providers (SP)

- Token based invitations to sites

- Role based authorization

Main features:

- Authentication configuration with SAML2 IDPs

- User invitations

- Site and cloud portal role assignments
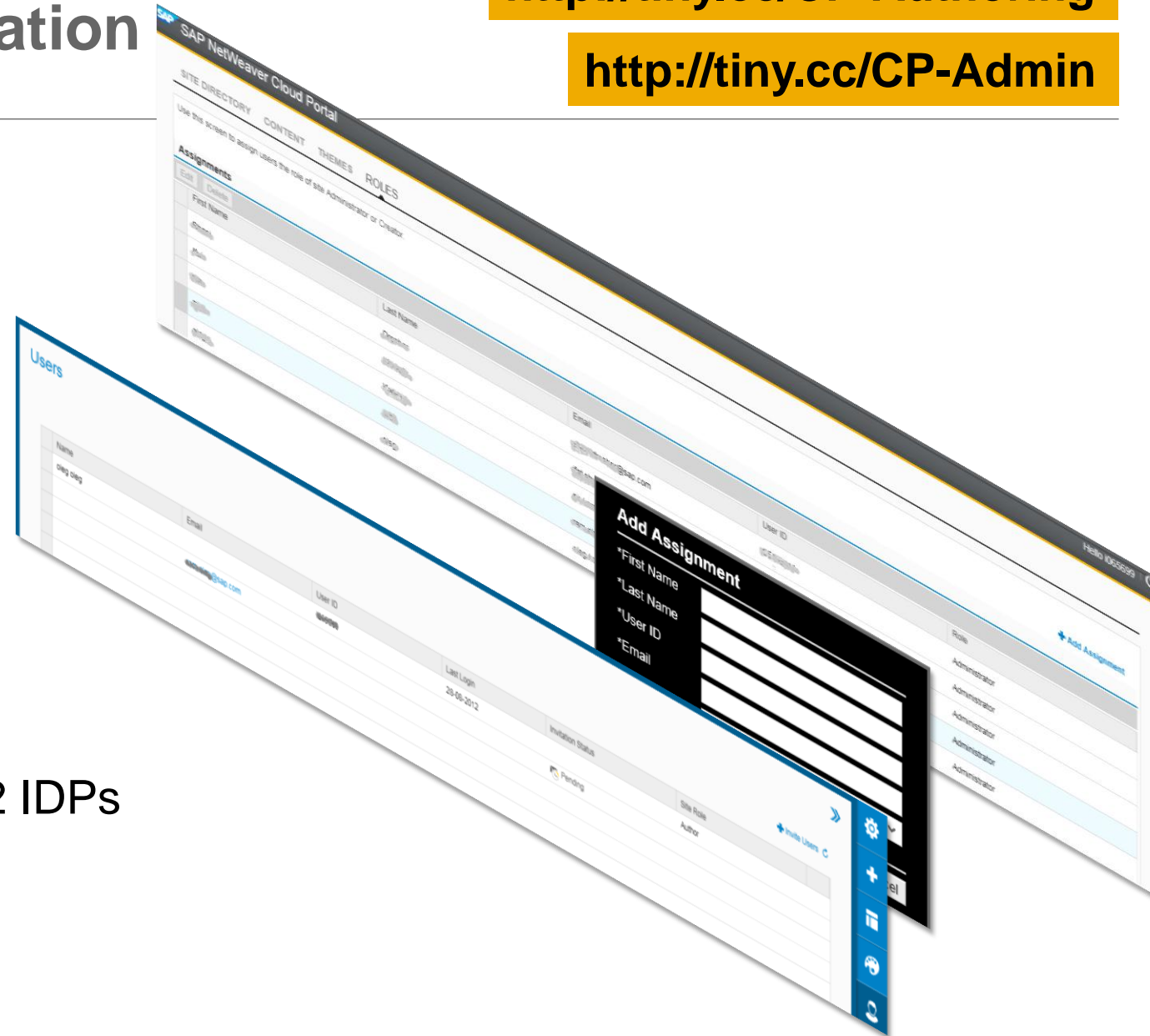
Themes and Branding

Main concepts:

- CSS based themes

- Allows visual aspects customization of site consumption

- Allows multiple experiences for the same content

Main features:

- Web designers may download default theme and customize it using standard CSS authoring tools

- Administrators may manage themes

- Site owners may preview and choose themes for their site

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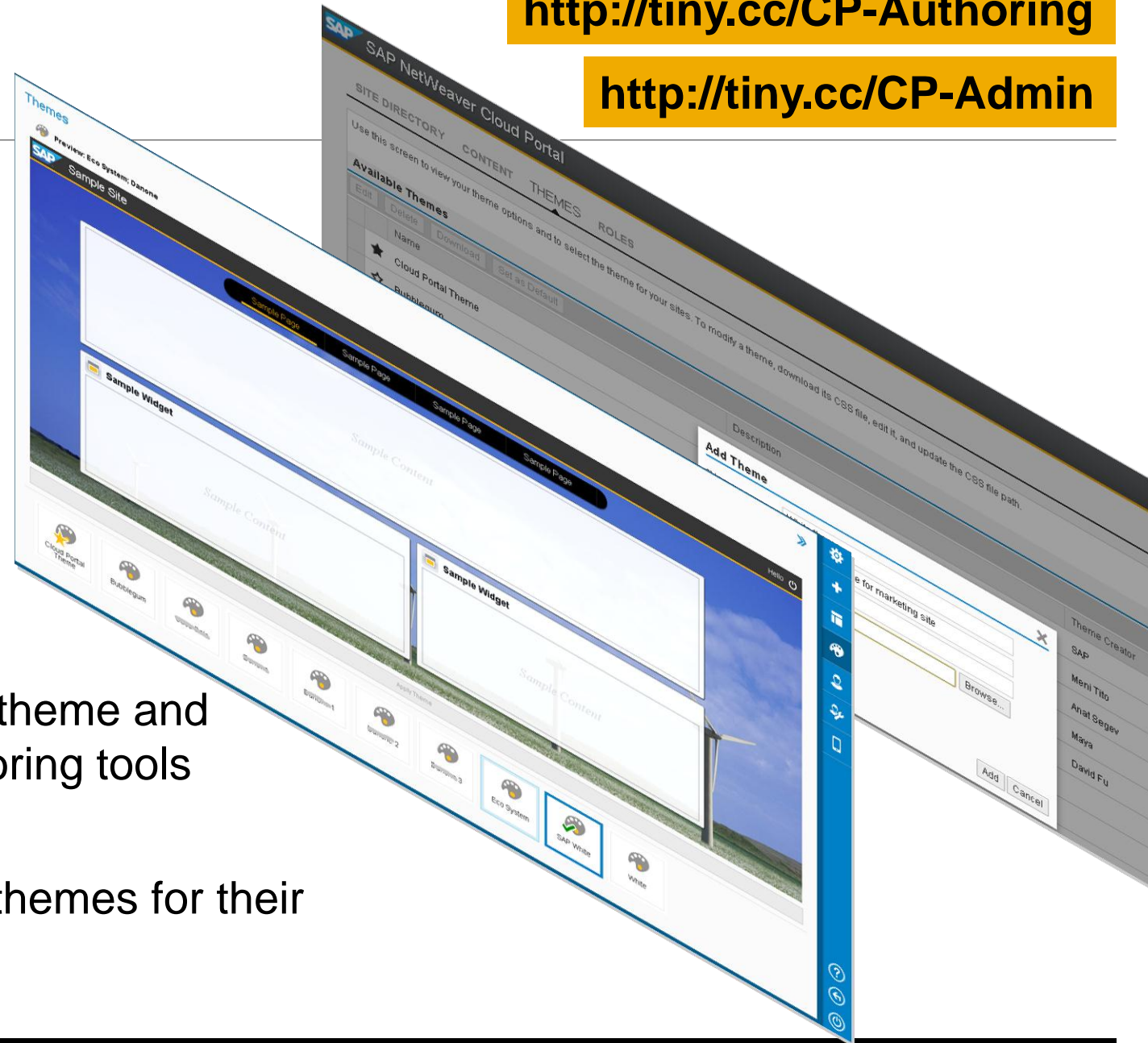
Related TechEd Sessions

Workshops

- CD261 - NW Cloud Hands On Session

- CD264 - Enriching your SAP Portal with custom widgets and extensions

- CD360 - Build "Delightful" User Interfaces in the Cloud with the SAP UI 5 framework

Q&A and Networking

- CD812 - Integrate On-Premise Systems with NW Cloud

- CD813 - Discover NW Cloud Labs

- Customer Success Stories with NW Cloud

Lectures

- PMC108 - SAP NetWeaver Portal Portfolio - Roadmap on Premise, on Demand, on Device

- TEC115 - NW Cloud Platform for Customer Enterprise Applications

- PMC110 - SAP NetWeaver Cloud Portal - Overview, Benefits and Scenarios

- SIS104 - SAP ID Service – Identity Provider for the Cloud

Let The Exercise Start …

Further Information

SAP Public Web

SAP NetWeaver Cloud Portal Community
http://scn.sap.com/community/netweaver-portal/cloud

SAP NetWeaver Cloud Portal Experience Site
http://tiny.cc/ODPortal

SAP Education and Certification Opportunities

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