An Overview of the SAP Business One Cloud Landscape

SAP Business One Cloud Landscape Workshop
Section Objectives

This section of the course will enable you to:

- Understand the different components that the SAP Business One Cloud Landscape consists of
- Understand the terminology used when describing the SAP Business One Cloud Landscape
Comparison of On-Premise and Hosted Installations

In an on-premise installation, all resources are dedicated to a single customer. In a hosted installation, multiple customers can share the same hardware and software resources. We need to ensure that customers are separated from each other and cannot access each other’s data.
SAP Business One Cloud Landscape

Application Management
- SAP Business One users
- User Access Portal

Service Unit
- Tenant

Cloud Operators

Cloud Control Center

Infrastructure Management

Presentation Servers
- Database Instance
  - Common Database
  - Tenant Databases

Service Unit
- Integration Component*
- Mailer*

Shared across Service Units
- License Server
- Storage
- Software Repository

Remote Support Platform
System Landscape Directory
Domain Controller

*Optional Components

Servers
- Storage Area Network
- Servers

© 2013 SAP AG. All rights reserved.
SAP Business One Cloud Landscape

The Cloud Control Center is an interface for the SLD service that enables Cloud Operators to manage the SAP Business One Cloud Landscape and dynamically provision computing resources. Through the Cloud Control Center Cloud Operators have the ability to:

- Create and manage customers, tenants and users
- Manage the trial process
- Handle solution extensions
- Handle the lifecycle management of the SAP Business One Cloud landscape.

A tenant represents a company database, storage and licenses allocated for use by a customer. Customers may have multiple tenants across different service units, with each tenant having a different application version or purpose, such as productive, demonstration, or testing instances. Tenants share hardware and software resources, while storing their data in separate, secure databases.

Service Units are:

- A collection of software components, servers and storage
- All components in a single Service Unit are of the same SAP Business One version
- Service Units contain multiple tenants from different customers

Presentation servers deliver the application to SAP Business One Cloud users. Each Service Unit will have multiple presentation servers with access controlled by a connection broker. A Service Unit can contain only one Database Instance. This instance contains both:

- A common database for SAP Business One version settings, and
- Tenant databases belonging to customers.

Optional components include:

- The SAP Business One Integration Component which provides integration capabilities to SAP Business Suite and can be integrated to solutions from other software vendors. SAP Business One Integration is required for dashboard and mobile scenarios.
- The SAP Business One mailer component provides email services to SAP Business One Users.

To aid hardware sharing capabilities some components can be used across multiple Service Units. This also reduces maintenance efforts. The System Landscape Directory (SLD) maintains a registry of all the components with the SAP Business One Cloud landscape and how they are allocated to customers. The RSP was enhanced to add the ability to monitor multiple SAP Business One instances in cloud environments.

The remote support platform (RSP) proactively manages the health of an SAP Business One Cloud installation and provides automated healing. By automatically performing maintenance tasks and addressing issues as they occur, partners and data centers require fewer IT staff and receive fewer support requests, further reducing the total cost of operations.

The Cloud Control Center is an interface for the SLD service that enables Cloud Operators to manage the SAP Business One Cloud Landscape and dynamically provision computing resources. Through the Cloud Control Center Cloud Operators have the ability to:

- Create and manage customers, tenants and users
- Manage the trial process
- Handle solution extensions
- Handle the lifecycle management of the SAP Business One Cloud landscape.

© 2013 SAP AG. All rights reserved.
A customer can run SAP Business One Cloud either:

- With a trial license for SAP Business One Cloud
- Or with a subscription license purchased for SAP Business One Cloud
- Or with a perpetual license purchased for SAP Business One*

Each customer can have multiple tenants:

- No SAP limit on the number of tenants
- Equivalent to an on-premise SAP Business One company database
- Tenants could be used for
  - Production
  - Different legal entities
  - Test
  - Development

*e.g. in the case of subsidiaries of large enterprises that wish to use the SAP Business One Cloud Landscape*
Introducing the Cloud Control Center

- Web Application for managing SAP Business One cloud (Service units, tenants, upgrades, software components)
- Tenant and User Management functionality for ease
- Lifecycle Management
- Many management tasks wizard driven
Demonstration

Overview of the SAP Business One Cloud Control Center
Summary

In this section we have:

- Understood the different components that make up the SAP Business One Cloud Landscape
- Understood the terminology used when describing the SAP Business One Cloud Landscape