Preparing the SAP Business One Cloud Landscape for use

SAP Business One Cloud Landscape Workshop
Section Objectives

This section of the course will enable you to:

- Configure the Cloud Control Center to your prepared hardware infrastructure
- Set up the necessary SAP Business One components in the landscape
- Deploy Service Units in the 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
Components in the Cloud Control Center

Software Repositories

- A shared folder accessible by all service units, containing SAP Business One installation packages, upgrade packages, and add-on installers.
Components in the Cloud Control Center

Shared Folders
- A folder assigned to a service unit that contains sub-folders dedicated to individual tenants, in which attachments, images, and document templates required to use SAP Business One are stored.

Implementation Repositories
- One or more folders shared by the entire on-demand landscape that store SAP Business One solution package (.PAK) files, which you can use to create company databases.

Company Template Repositories
- One or more folders shared by the entire on-demand landscape folder that store database backup files, which you can use to create company databases.
Components in the Cloud Control Center

Tenant Storage
- A folder assigned to a service unit that contains sub-folders dedicated to individual tenants, in which logs and company database backup files, used during tenant upgrades, are stored.

User Storage
- A global folder that contains sub-folders dedicated to individual users, in which user-sensitive data and documents are stored.
SAP Business One Cloud Landscape

Application Management

- SAP Business One users
- User Access Portal
- Tenant
- Tenant
- Cloud Control Center
- Cloud Operators

Infrastructure Management

- Presentation Servers
- 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

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Components in the Cloud Control Center

License Server key points/considerations:
- License servers can be shared by multiple service units as the license server is compatible with all versions of SAP Business One
- A landscape can have more than one license server however each service unit can only be assigned one license server

Database Instance key points/considerations:
- Each landscape can have a number of database instances:
  - Service units (only one allowed per service unit)
  - System Landscape Directory Instance (the SLD database should not be on a Service Unit instance for security reasons)
- Database instances can be configured for high availability in a Microsoft SQL Server Cluster
SAP Business One Cloud Landscape

Application Management
- SAP Business One users
- User Access Portal
- Cloud Operators
- Tenant
- Tenant

Infrastructure Management
- Infrastructure Components
  - Presentation Servers
  - Database Instance
    - Common Database
    - Tenant Databases
  - Service Unit
    - Integration Component*
    - Mailer*
  - Shared across Service Units
    - License Server
    - Storage
    - Software Repository

Servers
- Storage Area Network
- Servers

Remote Support Platform
- System Landscape Directory
- Domain Controller

*Optional Components
The common database (called SBO-COMMON) is a database that contains:

- System data
- Client application update packages
- Add-on installers

**Key points/considerations:**

- Only one common database can exist per database instance and therefore per service unit
- Multiple tenants within the same service unit share the same common database
- Common databases can be deployed from the Cloud Control Center without a manual installation
SAP Business One Cloud Landscape

Application Management

- SAP Business One users
- User Access Portal
- Service Unit
  - Tenant
  - Tenant

Infrastructure Management

- Presentation Servers
  - Database Instance
    - Common Database
    - Tenant Databases
  - Integration Component*
  - Mailer*
- Service Unit
- Shared across Service Units
  - License Server
  - Storage
  - Software Repository

- Remote Support Platform
- System Landscape Directory
- Domain Controller

*Optional Components

Servers
- Storage Area Network
- Servers

Storage Area Network

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Components in the Cloud Control Center

Each presentation server delivers SAP Business One Cloud to users of tenants in the landscape

When a presentation server is assigned to a service unit the SAP Business One application is automatically deployed

Key points/considerations:
- All users within a service unit share the same presentation server(s)
- Each presentation server can only serve one service unit
- Multiple presentation servers can be grouped together into a server farm to provide a load-balanced resource for a service unit.
Exercise

In the guide *Preparing the SAP Business One Cloud Landscape for use* complete the following sections:

1 – Introduction

2 – Registering Components using the Cloud Control Center
Set up SAP Business One Components in the Cloud Control Center

SAP Business One Integration Framework is required for:

- Dashboard functionality
- Mobile integration
- Partner integration scenarios

Key points/considerations:

- Couldn’t be installed before common database was deployed, deployment in an OnDemand scenario requires specific setup options
- One Integration Framework Server is required per service unit
- Mobile integration scenario requires public web access, will require port forwarding to be set up for each service unit
- Pre-install Adobe Flash player on each presentation server
Exercise

In the guide *Preparing the SAP Business One Cloud Landscape for use* complete the following sections:

3.1 – Installation of SAP Business One Integration Framework

3.2 – Registration of the Integration Component
Remote Support Platform (RSP) for SAP Business One is the primary tool for receiving SAP Business One support and maintenance services.

Complete information is available on the Channel Partner Portal.
Remote Support Platform for SAP Business One Cloud

When setting up the Remote Support Platform for SAP Business One complete the installation as per standard on-premise installation.

Once RSP is installed and configured modify the configuration so that it points to the SAP Business One Cloud SLD
Exercise

In the guide *Preparing the SAP Business One Cloud Landscape for use* complete the following sections:

4 – Install Remote Support Platform for SAP Business One
Service Unit Management

Service unit categorization allows resources to be managed to ensure end user experience is optimum.

A service unit can be categorized as:

- **Staging** – Used during tenant upgrades to minimize impact on system resources.
- **Trial** – Used to group all trial customers into a dedicated service unit.
- **Productive** – Used for service units with live tenants in them.
- **Demo** – Used by partners to demonstrate to SAP Business One Cloud prospects.
- **Testing** – Used by partners to test new functionality and software versions before deployment.

Additional information:

- Wizard driven deployment to ease creation of service units.
- Existing service units can be duplicated to streamline the process of upgrades in the landscape.
Demonstration

Service Unit Creation
Exercise

In the guide *Preparing the SAP Business One Cloud Landscape for use* complete the following sections:

5 – Service Unit Management
Summary

In this section we have:

- Registered the components that were configured in the previous phases
- Installed the SAP Business One Integration Framework
- Created a Service Unit ready for use