Technical white paper

Operations Bridge Reporter BO Server Migration

For the Windows® and Linux Operating Systems

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Chapter 1: Migrate SAP BusinessObjects Server

This section helps you to migrate SAP BusinessObjects Server component of OBR to another new system. The migration is supported only for the OBR typical scenario, where all the OBR components are installed on same system.

You can use this document to migrate SAP BusinessObjects Server component of OBR on Linux operating system to another Linux Operating system.
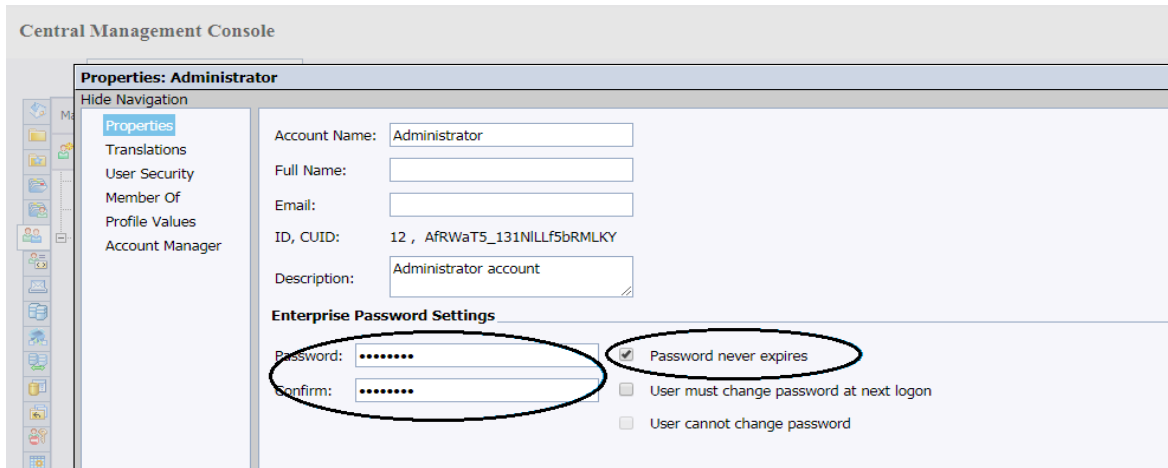
Terminologies used

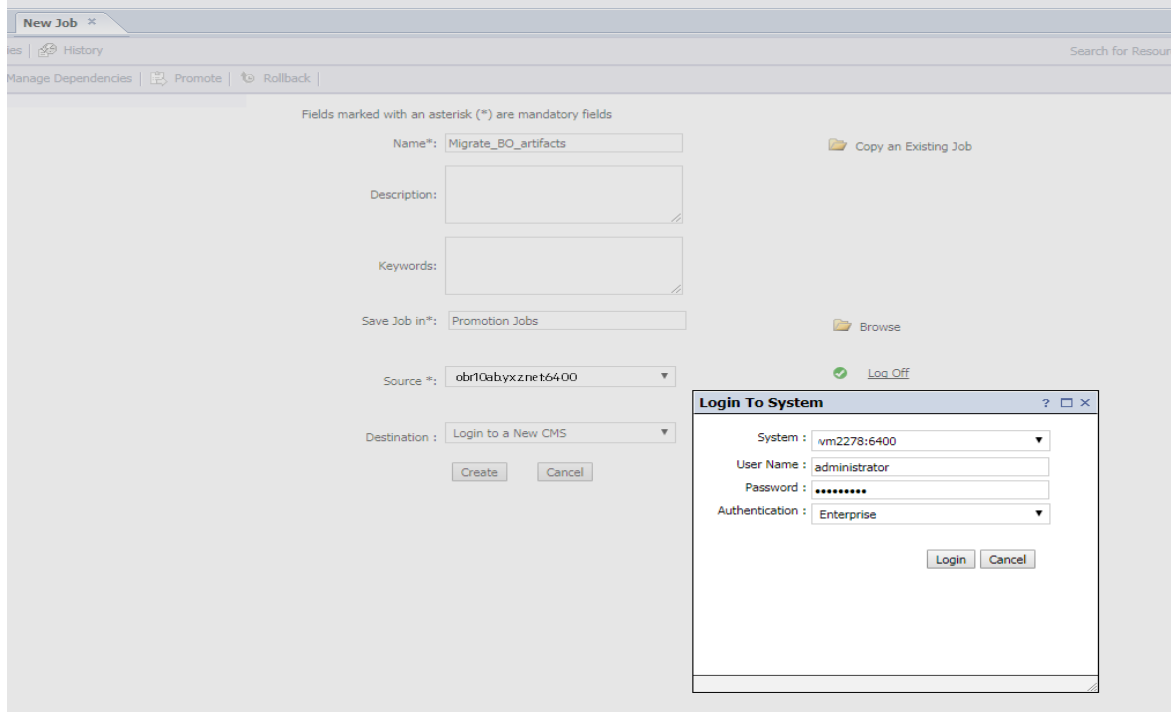| Terminology	Description
SAP BusinessObjects server	SAP BusinessObjects Server component of OBR
SAP BusinessObjects source server	The SAP BusinessObjects server from where the migration is done.
SAP BusinessObjects target server	The SAP BusinessObjects server to which the migration will be done.
{PMDB_HOME}	%PMDB_HOME% - For Windows $PMDB_HOME - For Linux

Pre-requisites

- Make sure that the source and the target servers are on the same latest OBR version.

- On a new system, install SAP BusinessObjects component. For more information, see *Operations Bridge Reporter Interactive Installation Assistance*. This system will be used as the SAP BusinessObjects target server for SAP BusinessObjects server migration.

Migration Steps

1. Log on to SAP BusinessObjects CMC as administrator from the URL: `https://<target-BO-hostname>:8443/BOE/CMC`

2. From drop-down select **Users and Groups**.

3. Click Manage > Properties. The Properties of the administrator user is displayed. Perform the following:\

    a. Edit administrator user and change the password as same as the source SAP BusinessObjects server.

    b. Click the check box **Password never expire**. Click **Save & close**.

4. From the drop-down, click **Promotion Management**.

5. Click **New Job**, perform these steps:

   a. In **Name** field, type an appropriate name.

   b. In the source field, select **Login to a New CMS** and type the details of the source SAP BusinessObjects server, and click **Login**.

   c. In the destination field, select **Login to a New CMS** and type the details of the target SAP BusinessObjects server, and click **Login**.

   d. Click **Create**. The page **Add Objects from the system:** appears.

6. In **All Folders**, select **Operations Bridge Reporter** and any other folders you would like to migrate. Click **Add**.

Perform the same step for Universes and Connections.

Optional: If you have created users/groups in the source SAP BusinessObjects server, select specific Users and User Groups.
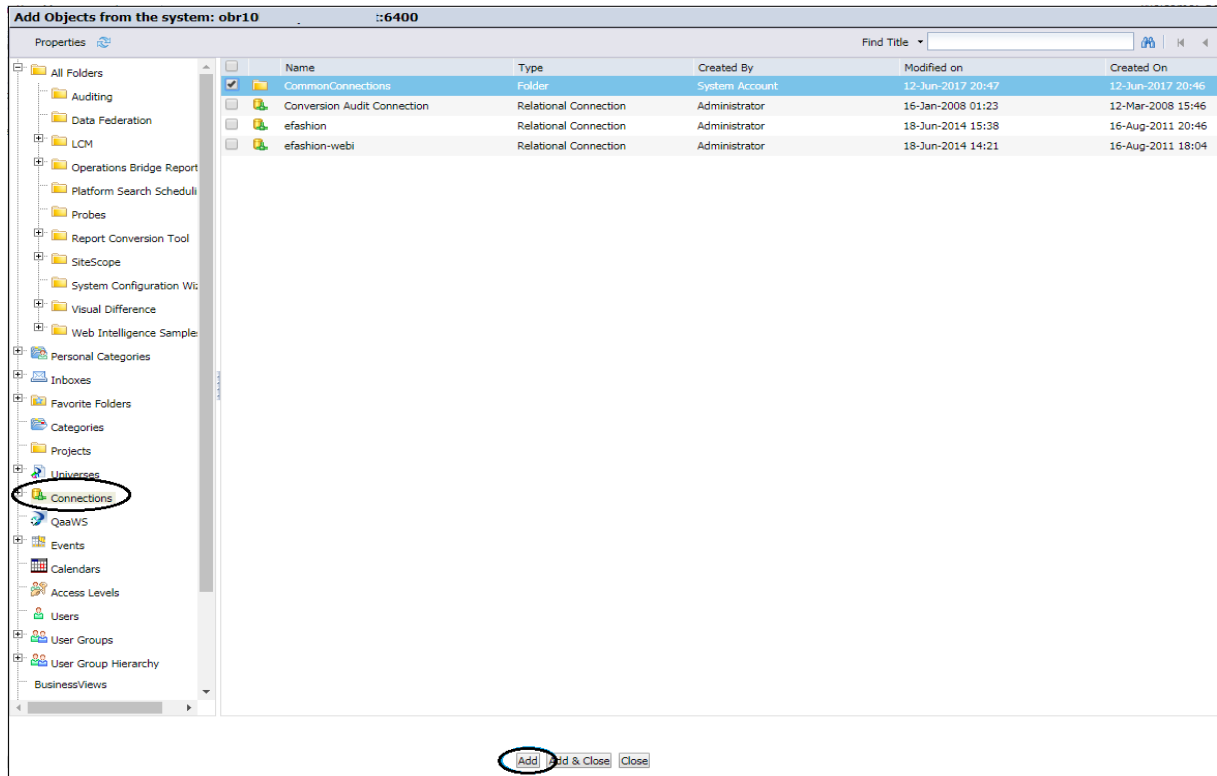
Add Objects from the system: obr10   6400

Properties   Find Tit

- All Folders
  - Auditing
  - Data Federation
  - LCM
  - Operations Bridge Reporter
  - Platform Search Scheduling
  - Probes
  - Report Conversion Tool
  - SiteScope
  - System Configuration Wizard
  - Visual Difference
  - Web Intelligence Samples
- Personal Categories
- Inboxes
- Favorite Folders
- Categories
- Projects
- Universes
- Connections
- QaaWS
- Events
- Calendars
- Access Levels
- Users
- User Groups
- User Group Hierarchy
- BusinessViews
- Server Groups
- Profiles
- Remote Connections
- Replication Lists
- Applications

Name	Type	Created By	Modified on
Auditing	Folder	System Account	12-Jun-2017 20:37
Data Federation	Folder	System Account	12-Jun-2017 20:47
LCM	Folder	System Account	12-Jun-2017 20:47
Operations Bridge Reporter	Folder	Administrator	13-Jul-2017 11:42
Platform Search Scheduling	Folder	System Account	12-Jun-2017 20:47
Probes	Folder	System Account	12-Jun-2017 20:47
Report Conversion Tool	Folder	Administrator	28-Jul-2010 11:38
SiteScope	Folder	Administrator	18-Sep-2017 19:46
System Configuration Wizard	Folder	System Account	12-Jun-2017 20:37
Visual Difference	Folder	System Account	12-Jun-2017 20:47
Web Intelligence Samples	Folder	Administrator	21-Dec-2010 15:35

Add   Add & Close   Close

Add Objects from the system: obr10l   t:6400
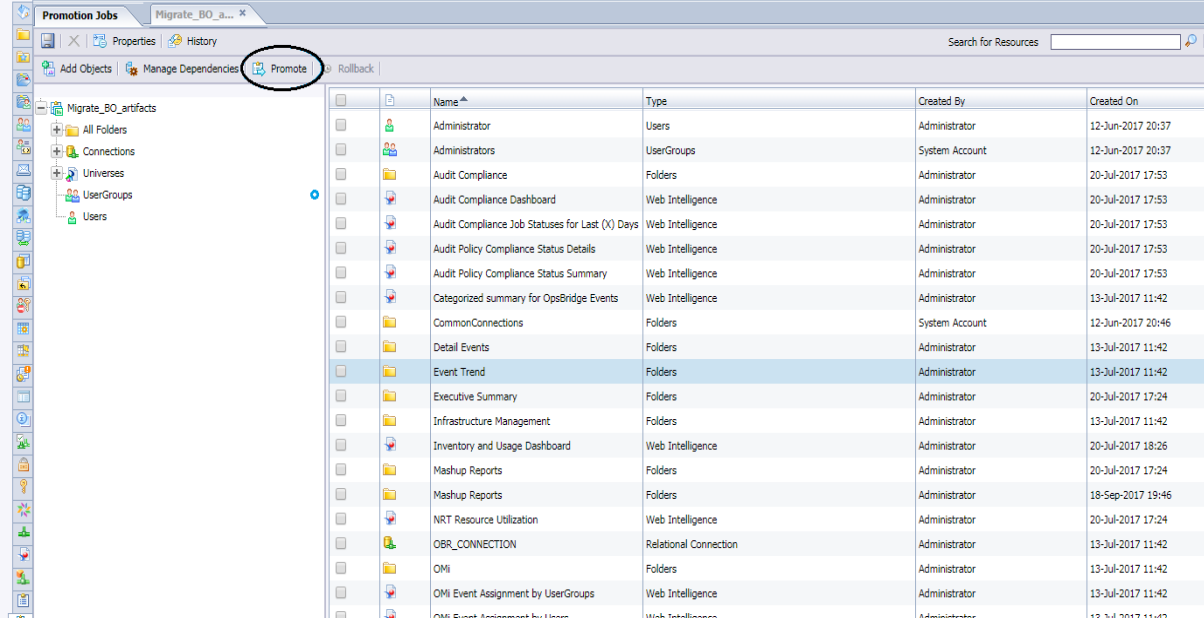
Properties   Find Title

- All Folders
  - Auditing
  - Data Federation
  - LCM
  - Operations Bridge Report
  - Platform Search Scheduli
  - Probes
  - Report Conversion Tool
  - SiteScope
  - System Configuration Wiz
  - Visual Difference
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- Personal Categories
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- Favorite Folders
- Categories
- Projects
- Universes
- Connections
- QaaWS
- Events
- Calendars
- Access Levels
- Users
- User Groups
- User Group Hierarchy
- BusinessViews

Name	Type	Created By	Modified on	Created On
OMi	Folder	Administrator	13-Jul-2017 11:42	13-Jul-2017 11:42
Report Conversion Tool Universes	Folder	Administrator	28-Jul-2010 11:38	12-Mar-2008 15:34
SiteScope	Folder	Administrator	18-Sep-2017 19:46	18-Sep-2017 19:46
SystemManagement	Folder	Administrator	20-Jul-2017 17:24	20-Jul-2017 17:24
webi universes	Folder	Administrator	16-Aug-2011 20:46	16-Aug-2011 20:46
eFashion	Universe	Administrator	18-Jun-2014 14:33	16-Aug-2011 20:46
SA Audit Compliance Universe.unx	Universe (information design tool)	Administrator	18-Aug-2017 14:21	20-Jul-2017 17:53
SA Patch Compliance Universe.unx	Universe (information design tool)	Administrator	18-Aug-2017 14:21	20-Jul-2017 18:55
SA Server Inventory and Usage Universe.unx	Universe (information design tool)	Administrator	18-Aug-2017 14:20	20-Jul-2017 18:26
SA Software Compliance Universe.unx	Universe (information design tool)	Administrator	18-Aug-2017 14:20	20-Jul-2017 19:04
SA User Management Universe.unx	Universe (information design tool)	Administrator	18-Aug-2017 14:20	20-Jul-2017 19:12

Add   Add & Close   Close

7. Click **Close** once the addition of migration artifacts is completed.

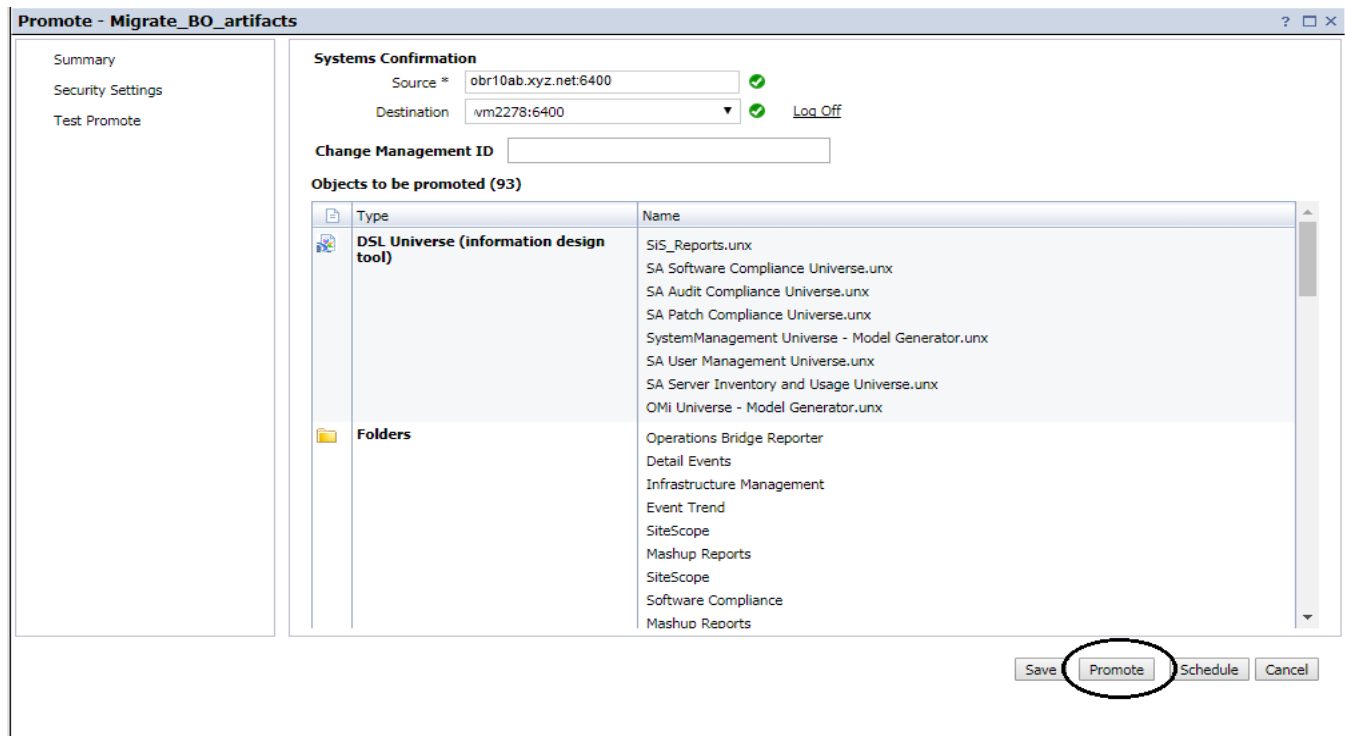8. Click **Promote** The summary page appears, showing all your selections.

9. Verify the selections and perform any one of the following step:

   ○ Click **Promote** OR

   ○ Click **Schedule** to run later at some specific time OR

   ○ Click **Save** and promote later.

Once the job is run, the status of the job complete appears.

10. After the successful job, log on to the target SAP BusinessObjects server BI launch pad from the URL: `https://<new-BO-hostname>:8443/BOE/BI`. Verify the reports to ensure the migration.

Post-migration Configuration

Follow these steps on the OBR server:

1. Stop the administration service by following these steps:

   On Windows:

   a. From the `services.msc` window, right-click **HPE_PMDB_Platform_Administrator**.

   b. Click **Stop**.

   On Linux:

   a. Go to `/etc/init.d` directory

   b. Run the following commands on the appropriate operating systems:

   On RHEL 6.x/SLES 11.x: `service HPE_PMDB_Platform_Administrator stop`

   On RHEL 7.x/SLES 12.x/OEL: `systemctl stop HPE_PMDB_Platform_Administrator.service`

2. Go to `{PMDB_HOME}/data` and take a backup of the `config.prp` file to some other location.

3. Edit the following parameter is the `{PMDB_HOME}/data/config.prp` file:

   a. `isRemoteBO` to true

   b. `bo.cms=<target SAP BusinessObjects server hostname>`

4. Start the administration service by following these steps:

   On Windows:

   a. From the `services.msc` window, right-click **HPE_PMDB_Platform_Administrator**.

   b. Click **Start**.

   On Linux:

   a. Go to `/etc/init.d` directory

   b. Run the following commands on the appropriate operating systems:

   On RHEL 6.x/SLES 11.x: `service HPE_PMDB_Platform_Administrator start`

   On RHEL 7.x/SLES 12.x/OEL: `systemctl start HPE_PMDB_Platform_Administrator.service`

Validate Migration

1. Log on to OBR Administration Console.

2. Go to **Additional Configurations > Reporting Platform**.

3. Click **Launch CMC**, the target SAP BusinessObjects server CMC should be launched to confirm a successful migration.