

OBIEE Administrators Don't Fear the Cloud

MAY 15 & 16, 2019

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- Mark Whitlock is a Certified Oracle 8i Database Administrator
- Oracle Business Intelligence Applications for ERP 7 Certified Implementation Specialist, Oracle ERP Project Manager for Department of Defense and Global Decision Support Analyst.
- Currently a Senior BI Architect for Aleris International Inc. in Beachwood, OH a leading Aluminum manufacturer of Rolled Aluminum Products.
- Mark has been working with Oracle products for 24 years, Oracle Business Intelligence technologies for the past 13 years as a Developer, Administrator or Architect and working with OBIEE starting with version 10.1.3. He has been involved in four OBIEE custom and three OBI Applications implementations and has been an Oracle Analytics Cloud Administrator since November 2017.
- Speaker at Northeast Ohio Users Groups, Collaborate 11 and BI Data and Analytics User conferences.
- Mark received his Bachelor's Degree from Kent State University in Business and Technology and MBA from Jones International University with a specialization in IT Management.



ABSTRACT

This is a case study of how Aleris International migrated their on premise 12c OBIEE instance to the Cloud in order to do a side by side comparison and the lessons learned along the way



How it started

- This is a case study of how Aleris International piloted its migration from OBIEE 11.1.1.7 to 12.2.1.4 using a laptop, Virtual Box and Sample applications for OBIEE.
- Having been put on hold by the IT Infrastructure team while planning the upgrade from 11g to 12c rather than wait around and have the project timeline slip away the team decided to find a creative way to plan, design, and test and debug to prepare for when the production environment was ready. Also during this time an opportunity to port some of the environments to the cloud materialized.
- Not having any hands on experience with OBIEE 12c and not sure how all pieces and part were all going to fit together, we were able to successful deploy OBIEE 12c with all the connections to their source and target TEST environment so they could construct a project plan and timeline for the actual production implementation.
- They were also able to become familiar with the new directory structures and utilize the new Migration and Baseline Validation tools.





- Install Virtual Box
- Install Sample Apps
- Setup your OBIEE 12c Instance
- Migration Tool to get from 11g to 12c
- Consider Cloud options
- Port to Cloud



• Oracle Analytics Cloud (OAC) Implementation

- Working with Marc Friedman our sales rep
- and Oracle specialist:

Shashank Kothapalli

Cloud Customer Success Specialist | Oracle Public Cloud Phone: +91 80 67862844 **Prestige technology Park III Velocity, Bangalore, Karnataka INDIA 560103**





• Which Cloud did you buy?

Oracle Managed

Customer Managed



Oracle Cloud Success Team

Organizer: Attendees:

Shashank Rao Kothapalli Sundarraja Whitlock, Mark K; Vishwanath Venkatachalaiah; Shashank Rao Kothapalli Sundarraja; Marc Friedman



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Thank you for subscribing to Oracle Cloud. This is a reminder to activate your Oracle Cloud. Service(s).

Your next step is to set up your Oracle Public Cloud Services account for the new services by dicking the Activate My Services button.

The Services Period for the Services commences on the date stated in this order. If no date is specified, then the "Cloud Services Start Date" for each Service will be the date that you are issued access that enables you to activate your Services, and the "Consulting/Professional Services Start Date" is the date that Oracle begins performing such services.

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Migration file

- The instance we are going to create is EUR12C_DEV
- This is our custom OBIEE Instance.
- Unfortunately, I do not have a migration file from the EUR TEST server but I so do have a 12.2.1.4 migration file from the EUR DEV server

Virtual Box to the Rescue

 Oracle reported that their test environment wasn't the same version to the file did not import and gave me their version of the migration tool to recreate, but I don't want the EU DEV instance I want the EU TEST instance, but it does not have the correct version of java on it.

 So, the next thing I tried was to go to my virtual box and create a bar file

Need to create public and private encryption keys

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Create the database instance

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Create the Analytics instance

Instance Create and Delete History

Create the Analytics instance

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Administration

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Start the instance up - Analytics

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Add Tags

Patching

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Passwords

- In older version needed reset in three places
 - Console
 - Database
 - Analytics
- Caused issue with lockouts
- Resolved in newer version

Unplanned downtime

Active Directory Tie in

Need to create a bridge:

Manage the bridge from Oracle Identity Cloud Service

The Oracle Identity Cloud Service UI allows you to manage the connection between Oracle Identity Cloud Service and the Identity Bridge agent.

- 1. In the Oracle Identity Cloud Service console, expand the Navigation Drawer , click Settings, and then click Directory Integrations.
- 2. Review the bridge page:

Tip: This is the same page you review after downloading the Bridge Agent.

- The bridge example.com status is Active.
- 3. You can click the bridge and modify the configurations. You can also run an import.
- 4. Optionally, explore the options for the bridge agent row. Oracle Identity Cloud Service offers options for deactivating, activating, and deleting a bridge.

Active Directory

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Tools - PUTTY

Reasons Not to Fear the Cloud

• It's a lot like on premise environment

• Still not ready for Prime Time (Almost)

• There is still time to acquire Cloud Skills (free)

Questions and Answers

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