



Migration from OBIEE to OAC

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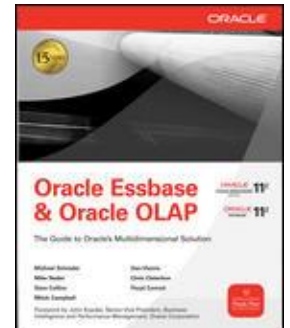
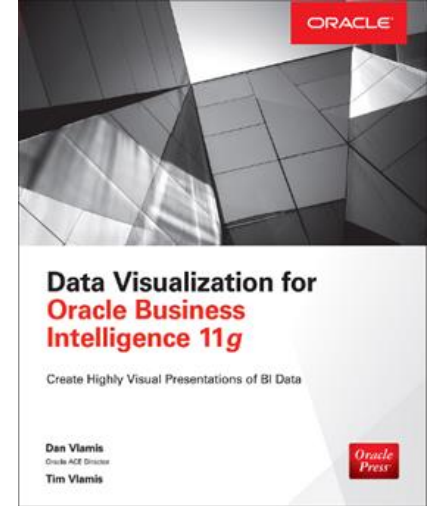
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Vlamis Software Solutions

- Vlamis Software founded in 1992 in Kansas City, Missouri
- Developed 200+ Oracle BI and analytics systems
- Specializes in Oracle-based:
 - Enterprise Business Intelligence & Analytics
 - Analytic Warehousing
 - Data Mining and Predictive Analytics
 - Data Visualization
- Multiple Oracle ACEs, consultants average 15+ years
- www.vlamis.com (blog, papers, newsletters, services)
- Co-authors of book “Data Visualization for OBI”
- Co-author of book “Oracle Essbase & Oracle OLAP”
- Oracle University Partner
- Oracle Gold Partner



Specialized
Oracle Business Intelligence
Foundation Suite 11g





OBIEE, BICS, DVD, OAC Webcasts

- 11.1.1.3 (August 2010)
 - Huge release with major new functionality
- 11.1.1.5 (May 2011)
 - BIWA TechCast May 25: [Oracle BI 11.1.1.5 - New Features](#)
- 11.1.1.6 (February 2012)
 - BIWA TechCast Feb 29: [Oracle BI 11.1.1.6 New Features](#)
 - New features mostly for Exalytics
- 11.1.1.6.2 and 11.1.1.6.2 BP1 (May 2012 and June 2012)
 - BIWA TechCast Aug 1: [Oracle BI 11.1.1.6.2 BP1 New Features](#)
 - Trellis Views
- 11.1.1.7 (April 2013)
 - BIWA TechCast Apr 5 [Oracle BI 11.1.1.7 New Features](#)
 - Freeze headers/scroll bars for tables and pivot tables
 - View content in SmartView in Excel and enhanced export
 - New Oracle R Enterprise (ORE) integration and capabilities
- 11.1.1.9 (May 2015)
 - BIWA TechCast Jun 4, 2015 [Oracle BI 11.1.1.9 New Features](#)
 - Search in Subject Areas pane
 - Global variables and Save Column As choice in Criteria tab
- 12.2.1 (October 2015)
 - BIWA TechCast Nov 19, 2015 [Oracle BI 12.2.1 New Features](#)
- BICS March 2016 (March 2016)
 - Webcast Apr 5, 2016 BICS [BICS March 2016 New Features](#)
- 12.2.1.1 (June 2016)
 - BIWA TechCast Jul 19, 2016 [Oracle BI 12.2.1.1 New Features](#)
- 12.2.1.2 and DVD 2.0 (October 2016)
 - Webcast Nov 22, 2016 [DVD 12.2.2 and OBIEE 12.2.1.2. New Features](#)
- DVD 3.0 (June 2017)
 - Webcast Aug 29, 2017 [DVD 3.0 New Features](#)
- DVD 4 (October 2017)
 - Webcast Nov 9, 2017 [DVD 4 New Features](#)
 - New Home Page and New Visualization control experience
 - New column controls for date/time, auto-binning
 - New narrate experience
 - New data flow steps, including create Essbase cube step
 - Machine learning
- OAC 4 (December 2017)
 - Webcast Dec 19, 2017 [OAC 4 New Features](#)
 - Webcast Apr 4, 2018 [Migration from OBIEE to OAC Webinar](#)
 - Webcast May 2, 2018 [Migration from OBIEE to OAC Webinar](#)

All listed on website at <http://www.vlamiis.com/obiwebinars/>

OAC V4 Functional New Features Overview

A. Data Visualizations

- New Home Page + UI Refresh**
 - *Drag spreadsheet to home page, canvas
- New Viz control experience**
 - *Properties Pane,
 - *Copy/Paste/Duplicate,
 - *Pin Filter to all Canvases
 - *Data Actions
- New Column Controls**
 - *Date/Time level set & switch
 - Show metric as a percentage
 - *Auto-Binning metrics used as Categories
 - Automatic Number Type
- New Project control Features**
 - Rename Connection or Data Source
 - Unrelated data sources in a project
 - Data Limit Truncation Warnings
 - Simplified Project Permissions**
- *New Narrate experience
- Improved Sharing**

B. Data-flows

- New Steps**
 - Merge Rows Step (Set Operator)
 - Create Essbase Cube Step**
 - *Binning Step
 - *Grouping Step new UI
 - Cumulative Aggregate Step
 - *Filter Step
- Sequences for Data-flows**
- Customize Name/Description of a step**
- Data-flows Scheduling**

C. New Data Sources

- Oracle Talent Management Cloud
- Oracle Autonomous DWCS
- Oracle BDCS-CE

D. BI Publisher in OAC

- BIP Ability to consume XSAs

E. Essbase Specific new features

F. Machine Learning

- *ML Attributes Explain Feature
- ML Train & Apply OOB Models
 - Sentiment
 - Numeric prediction
 - Multi Classifier
 - Clustering
 - Binary Classifier
- ML Custom Scripts upload & Apply**
- ML Model Scenarios

G. Admin / Console

- Content Embedding**
- Data Replication**
- Emails Deliveries**
- Map-viewer Console**
- Import / export TCM models**
- Public API Support**

OAC OAC only feature **DVD** DVD only feature
* Shown as part of DVD4 What's New Webcast
Demoted in OAC 4 What's New Webcast



Use Questions or Chat or Questions to communicate

Oracle Business Intelligence Webinars

2018

- OAC 4
 - Webcast January 16: Registration now open!
 - Data limit truncation warnings
 - Narrate enhancements for groups
 - Data flow enhancements
 - Sequences for Data flows
 - Data flow scheduling
 - Renaming steps
 - Create Essbase cube step
 - BI Publisher consuming XSAs
 - Essbase new features
 - Admin / Console new features
 - Content embedding
 - Data replication
 - Email deliverables
 - Map Viewer console
 - Import / export TCM models

Oracle Business Intelligence Webinars

In Practice Mode

Audience view 100%

Sharing: Stopped. No one sees your screen.

Start Recording 5.9 GB remaining

Questions

X	Question	Asker

Send Privately Send to All

Chat

Me (to All - Entire Audience): 12:53 PM: Test chat here

All - Entire Audience Send

Seeing is Believing
Webinar ID: 641-563-843
GoToWebinar





Presentation Agenda

- Contrast Oracle Analytics products
- Why DV interface (and why keep Answers & Dashboards)
- OBIEE and OAC differences
- Reasons to move from OBIEE to OAC
- Notes on Migrating
- Three methodologies for moving from OBIEE to OAC
 - Clean up first
 - Choose a champion
 - Organic growth
- Demonstration of OAC
 - Classic Answers and Dashboards interface
 - DV interface
- Considerations for Oracle Business Intelligence Applications (OBIA)



Oracle Analytics Products

- **OBIEE = Oracle Business Intelligence Enterprise Edition**
 - Currently on version 12.2.1
 - Data Visualization available as OPTION in OBIEE 12c
 - Many customers still on 11.1.1.7 or 11.1.1.9 (terminal release of 11g)
- **BICS = Business Intelligence Cloud Services**
 - Includes classic “Answers and Dashboards” interface
 - Includes new “Data Visualization” interface
 - Requires buying Schema as a Service for database
- **DVCS = Data Visualization Cloud Services**
 - Includes only new “Data Visualization” interface
- **DVD = Data Visualization Desktop**
 - Runs as standalone application on Windows PCs (New Feb 2018 on Mac too!)
- **OAC = Oracle Analytics Cloud**
 - Has 3 editions (includes Essbase and BI Publisher)
 - Standard Edition (similar to DVCS)
 - Data Lake Edition (includes data flows, big data cloud connection)
 - Enterprise Edition (similar to OBIEE, includes DV and Day by Day for mobile)
 - Requires Oracle DB Cloud Service, Compute Cloud Service- Block Storage, Storage Cloud Service)
 - Oracle standardizing branding under OAC name



Advantages of DV Interface

- New in OBIEE 12c
- More modern interface
- Simpler interface for ad-hoc use
- More interactive – e.g. brushing
- Competes with Tableau and other more modern BI tools
- Ability to use external data – NO RPD mapping required!
- Mash up with external data (including spreadsheets and cloud)
- Extend with custom visualizations
- Emphasis on self-service



Reasons To Keep Answers/Dashboards

- Investment in current dashboards and reports
- Answers allows more control – e.g. font control
- Highly customized reports – custom queries
- Prompts have additional capabilities (not in DV yet)
- More control over layout, especially of tables
- Answers offers hierarchical columns (not in DV yet)



OBIEE & OAC Differences

OBIEE

- Runs on premise
 - Can run “up in the cloud”
 - Customer administers
- Pay extra for DV interface
- RPD file to map tables to subject areas
- Includes Actionable Intelligence
- Pay for license and support
- Still around, but less emphasis
- Annual releases
- Includes BI Mobile App Designer, Scorecard, Marketing, BI Composer

OAC

- Runs on Oracle Cloud
 - Can run on “cloud at customer”
 - Have private instance (unlike BICS)
- Includes DV interface
- RPD or new thin client modeler to map tables to subject areas
- Latest has Actionable Intelligence
- Pay by the hour or month
- Oracle is concentrating on OAC
- Monthly/Quarterly releases
- Includes Day by Day for mobile



Reasons to Move from OBIEE to OAC

- Model data by end users (no RPD) – thin client data modeler
- Gain functionality of Data Visualization
- Simplify support of instances – runs in Oracle Cloud
- Mandate from on high to “move to cloud”
- Simplify scaling up of instances – just buy more OCPUs
- Competitive pricing from Oracle
- Pay as operating expense, not capital expense



Notes on Migrating

- OBIEE 11g to OBIEE 12c
 - See 2015 webinar [Upgrading from Oracle BI 11g to Oracle BI 12c](#) (covers using Baseline Validation Tool)
 - See 2015 webinar [Oracle BI 12.2.1 New Features](#)
- BICS to OAC
 - Note that BICS BAR files cannot be imported into OAC (yet)
- OBIEE 11g to OAC
 - Migrate OBI 11.1.1.7 and later dashboard, analysis, data model and app roles via migration tool (see [OAC doc](#))
- OBIEE 12c to OAC
 - Migrate OBI 12g and later dashboard, analysis, data model and app roles via BAR file (see [OAC doc](#) regarding migrating snapshots)



Clean Up and Move Up

- First fix problems in current OBIEE implementation
- Get the data model right
- Identify seldom used dashboards and analyses
- Set standards for analyses and dashboards
 - Consistent formatting (colors, styles, graphs)
 - Consistent placement of prompts, navigation, legends, and meta data
 - Develop consistent filters, selection steps, and conditions
 - Determine catalog organization and naming conventions and strategy
- Set access and security roles and rules
- Get the data model right



Choose a Champion – Lead with DV

- Identify a user group who wants to be first with Data Visualization
- Conduct workshops with champions to seed early adoption
- Leverage experts to offer feedback and concept development
- Develop a strong demo of DV capabilities with champion
- Showcase champions' work to rest of organization

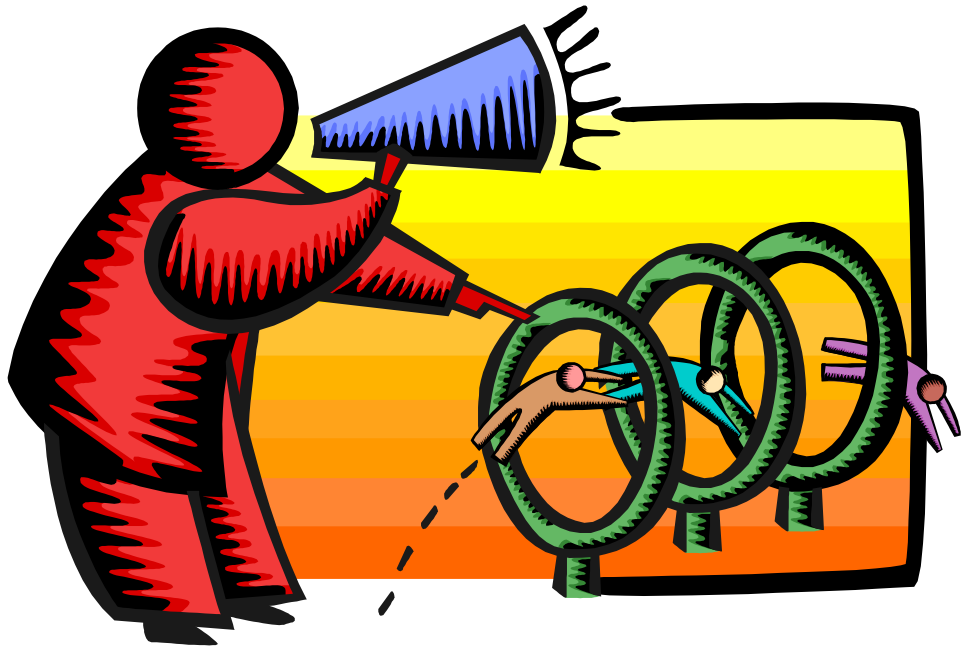


Organic Growth Strategy

- “Brick the dirt path” strategy
- Give a large group access to DV and watch who adopts it
- Let users determine best value use cases through observation
- Fast start is better than a slow start
- Reinforce good value use cases through visibility and recognition

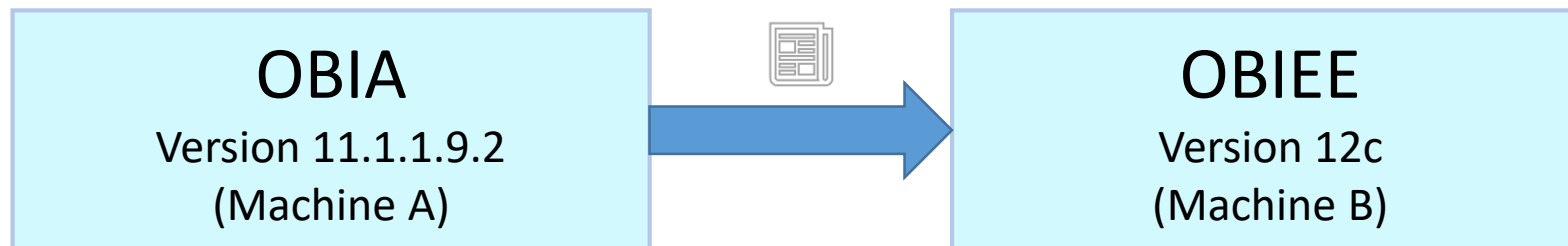


Demo and examples





Oracle "Out of Place" Upgrade



1. Machine (A): BI Apps11g Installed with OBIEE 11.1.1.x and ODI 11.1.1.x.
2. Machine (B): OBIEE 12.2.1.x (12c) installed.
3. Move BI Apps artifacts (i.e. RPD, Webcat, and JAZN-security) from Machine (A) using the BI Migration Tool (bi-migration-tool.jar) and then importing it in to the 12c system Machine (B).



OBIA Upgrade to OBIEE 12c

- Customers on OBIA 11g (version 11.1.1.9.2 or higher) and on ODI based version
 - An “Out of Place” upgrade of RPD, web catalog and security configuration
 - This is Oracle certified and supported
- Customers on OBIA 11g (version older than 11.1.1.9.2 and on ODI based version)
 - Upgrade to 11.1.1.9.2
 - Example 11.1.1.7.1 -> upgrade to 11.1.1.8.1 w/patch PB6 -> upgrade to 11.1.1.9.2
 - “Out of Place” upgrade of RPD, web catalog and security configuration
- Customers on OBIA (version 7.9.6.4) running Informatica
 - Option A – Upgrade to OBIEE 12c and continue on Informatica
 - Option B - re-implement in ODI from scratch and re-code any ETL customizations
 - Once on ODI, perform the Out of Place upgrade
- OBIEE 12c to OAC
 - Migrate OBI 12g and later dashboard, analysis, data model and app roles via BAR file



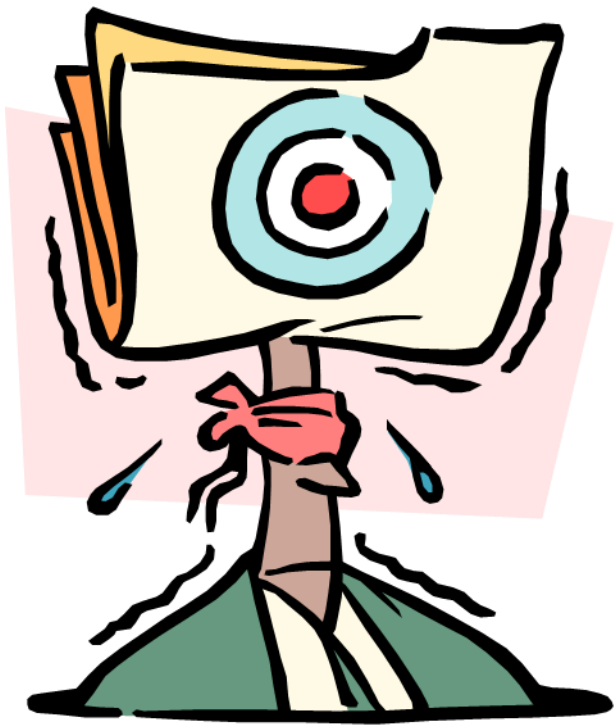
OBIA Life Cycle

Oracle Business Intelligence EE Releases

Release	GA Date	Premier Support Ends	Extended Support Ends	Sustaining Support Ends
Business Intelligence Applications 11.1.1.7.1	Apr 2013	Apr 2016	Apr 2018	Indefinite
Business Intelligence Applications 11.1.1.8.1	Apr 2014	Apr 2017	Apr 2019	Indefinite
Business Intelligence Applications 11.1.1.9.1	Mar 2015	Mar 2018	Mar 2020	Indefinite
Business Intelligence Applications 11.1.1.9.2	May 2015	May 2018	May 2020	Indefinite
Business Intelligence Applications 11.1.1.10.1	Oct 2015	Oct 2018	Oct 2020	Indefinite
Business Intelligence Applications 11.1.1.10.2	Jun 2016	Jun 2019	Jun 2021	Indefinite



Questions?





Analytics and Data Summit

All Analytics. All Data. No Nonsense.

SAVE THE DATE FOR
ANALYTICS AND DATA SUMMIT 2019
MARCH 12-14, 2019

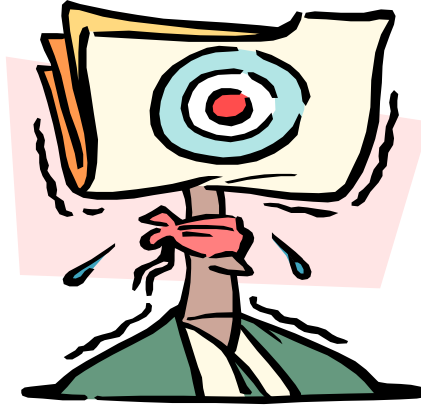
www.AnalyticsAndDataSummit.org

Brought to you by:
BIWA User Community

Formerly called the BIWA Summit with the Spatial and Graph Summit.
Same great technical content – great new name!



Resources and Questions?



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Vlami Home www.vlami.com Blog www.vlami.com/blog Prior OBIEE releases www.vlami.com/obiwebinars

Help on new features <https://docs.oracle.com/en/cloud/paas/analytics-cloud/acsw/index.html>

Oracle Analytics Library with plugins and demos <https://www.oracle.com/solutions/business-analytics/data-visualization/library.html>

YouTube channel Oracle Analytics from SampleApp Team <https://www.youtube.com/user/EvolvingBI/videos>

YouTube video playlist on DV4 new features <https://www.youtube.com/watch?v=AoMxQDX4KNQ&list=PL0cpw36tp3yKTe2EDF29vr60wWIM4aWDP>

OAC Doc: Migrating from OBIEE <https://docs.oracle.com/en/cloud/paas/analytics-cloud/acabi/migrating-oracle-bi-enterprise-edition-11g.html>

Analytics and Data Summit Conference <http://www.AnalyticsandDataSummit.org>