

Oracle BI 11g novosti na djelu i novi Oracle BI 11.1.1.6

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OBIEE – naše iskustvo...

- Višegodišnje iskustvo u verziji 10g
- Upravo završen projekt (produkcija) u verziji 11.1.1.5
- Trenutni projekt u verziji 11.1.1.6
- Migracija s 10g na 11g
- Višegodišnje iskustvo u BI Publisher 10g i 11g

Oracle Business Intelligence 11g

- Najnovija verzija OBIEE (Oracle BI Enterprise Edition)
- Velike promjene u sučelju, arhitekturi, integraciji
- Integracija sa Oracle Fusion Middleware 11g



- Verzija 11.1.1.3 je predstavljala najraniji prelazak na verziju 11
- Verzija 11.1.1.6 dostupna od 2/2012
- Trenutno dostupne verzije:

Overview
Downloads
Documentation
Tutorials

Oracle Business Intelligence (11.1.1.x) Downloads

Thank you for accepting the OTN License Agreement; you may now download the following software:

Oracle Business Intelligence 11g (11.1.1.5.0)
[All Supported Platforms](#)

Oracle Business Intelligence Developer Client Tools Installer (11.1.1.5.0)
[for Microsoft Windows x86 \(32/64-bit\)](#): (360M) (dsum 3317017977)

Oracle Business Intelligence 11g (11.1.1.6.0)
[All Supported Platforms](#)

Oracle Business Intelligence Developer Client Tools Installer (11.1.1.6.0)
[for Microsoft Windows x86 \(32/64-bit\)](#): (360M) (dsum 3317017977)

Included:

BI Server Enterprise Edition	Delivers
Server Administrator	Office Plug-In
Answers	BI Publisher
Interactive Dashboard	Scorecard and Strategy Management
Reporting and Publishing	Real-Time Decisions

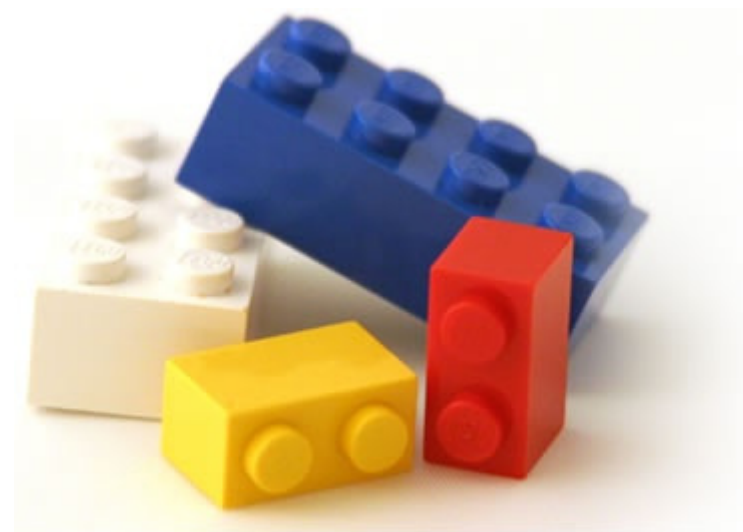
Required Additional Software

Repository Creation Utility (11.1.1.5.0):

- [for Microsoft Windows \(32-bit\)](#) (323,925,499 bytes) (dsum 2130853384)
- [for Linux x86 \(32-bit\)](#) (398,173,821 bytes) (dsum 490866219)

NA ŠTO MORAMO BITI SPREMNI?

ARHITEKTURA I TERMINOLOGIJA

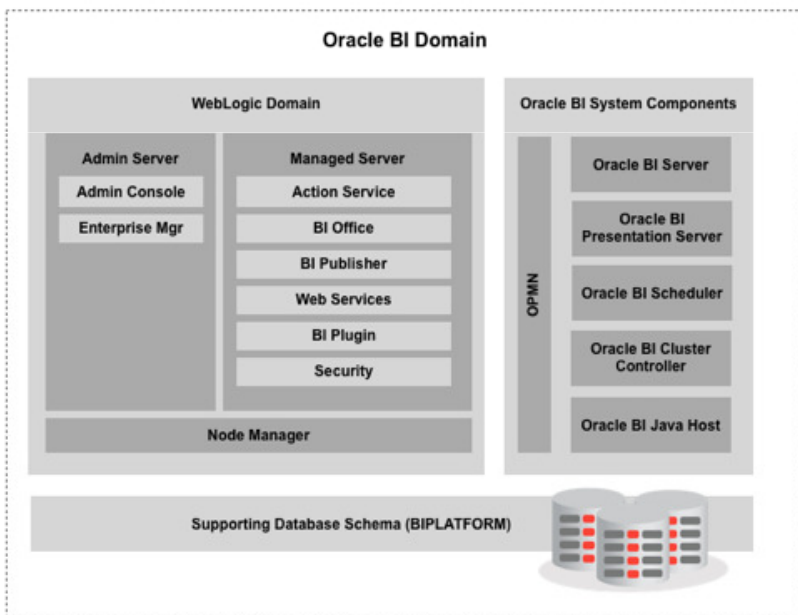


OBIEE 11G PROMJENE U TERMINOLOGIJI

- **iBoti** su preimenovani u **Agente**
- **Zahtjevi (Requests)** su preimenovani u **Analize(analyses)** , a pojam izvještaja (**Reports**) se sada odnosi na BI Publisher izvještaje
- **Prezentacijske kolone (Presentation columns)** su preimenovane u **Attribute columns**
- **Grafikoni (Charts)** su preimenovani u **graphs**

OBIEE 11G PROMJENE ARHITEKTURE

- Cjelokupan sustav se zove “Oracle BI Domain” i sastoji se od Java i sistemskih komponenti



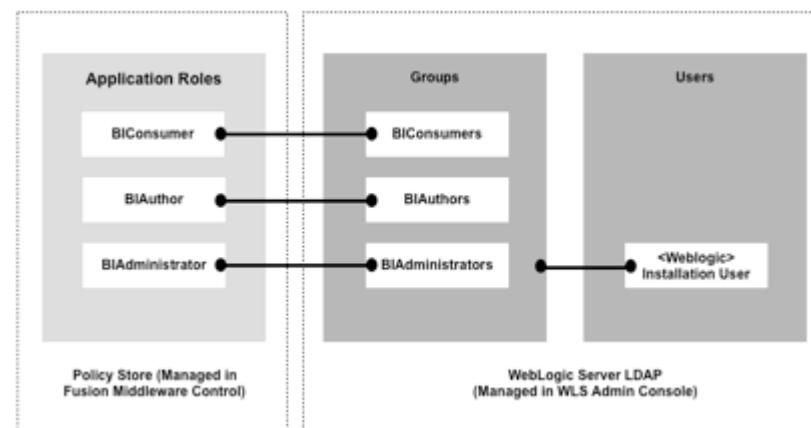
The screenshot shows the Oracle WebLogic Server Administration Console. The main area displays the 'Summary of Deployments' page, which lists various applications and modules installed in the domain. The table below shows the details of these deployments:

Name	State	Health	Type	Deployment Order
self.oracle.businesseditor(10.11.1.1.2.0)	Active		Library	100
self.oracle.domain(10.11.1.1.2.0)	Active		Library	100
self.oracle.domain.webapp(10.11.1.1.2.0)	Active		Library	100
ORWebService (11.1.1)	Active	OK	Enterprise Application	259
ORAnalytics (11.1.1)	Active	OK	Enterprise Application	250
ORpm	Active		Library	100
ORWebServices (11.1.1)	Active	OK	Enterprise Application	257
ORWebMethods (11.1.1)	Active	OK	Enterprise Application	240
ORjco(11.1.1)	Active		Library	300
ORJobcadmin (11.1.1)	Active	OK	Enterprise Application	255

The screenshot shows the Oracle Enterprise Manager 11g Fusion Middleware Control interface. The main area displays the 'coreapplication' status, which is currently 'Up (5)'. The system status is 'All components are available'. The interface includes a 'Change Center' with options for 'Lock and Edit Configuration' and 'Manage System' (Start, Stop, Restart).

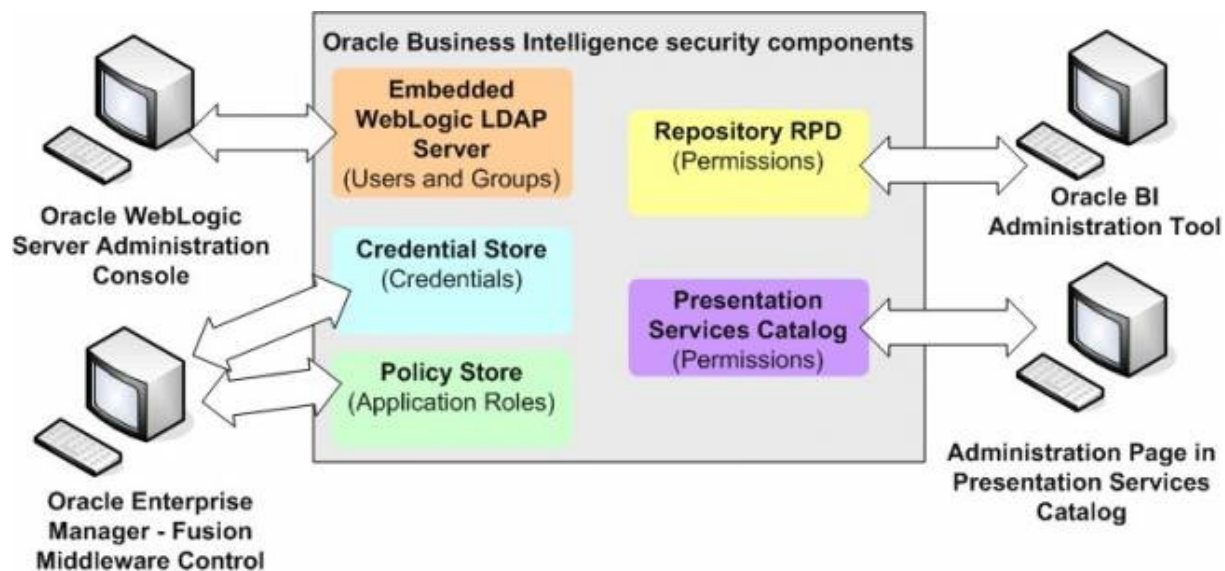
OBIEE 11G PROMJENE SIGURNOSTI

- Proces autentifikacije se s BI Servera preselio u Fusion Middleware
- Korisnici i grupe se više ne kreiraju u repozitoriju već na WebLogic Serveru
- Grupe kao objekt više ne postoje u repozitoriju, a zamijenile su ih aplikacijske role
- Default su BI Consumer, BI Author, BIAdministrator role
- Kada se kreira novi korisnik po defaultu dobije rolu BI Consumer



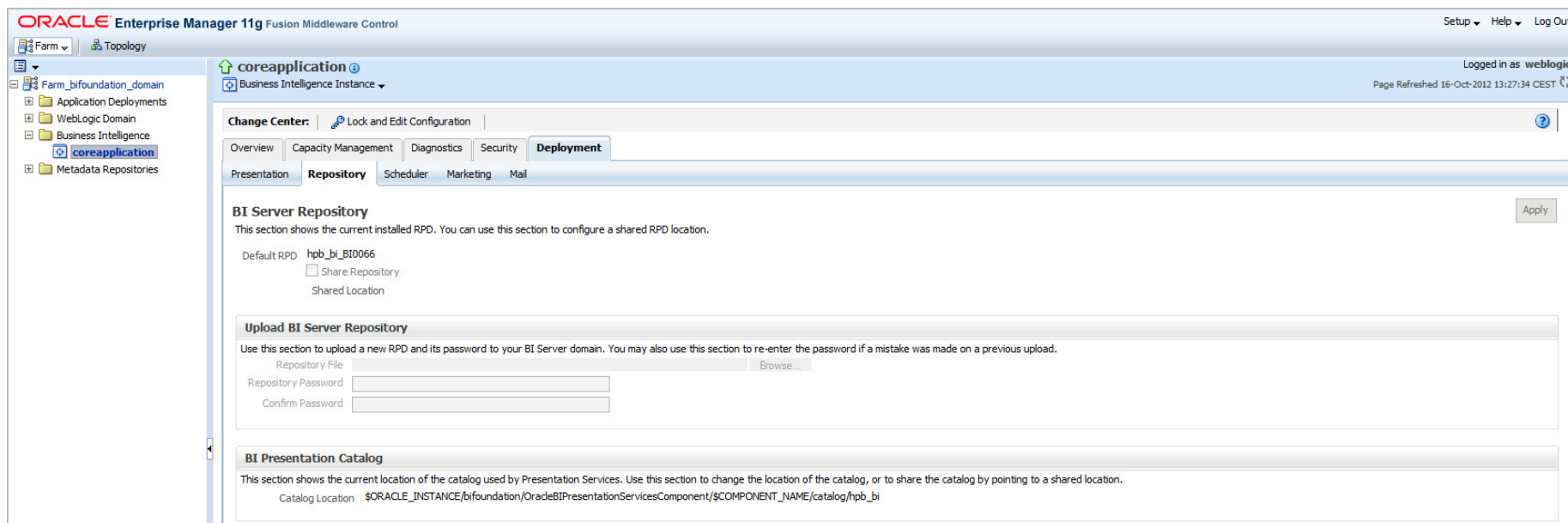
Role Name	Members
BISystem	BISystemUser
BIAdministrator	BIAdministrators
BIAuthor	BIAuthors, BIAdministrator
BIConsumer	BIConsumers, BIAuthor, authenticated-role

OBIEE 11G PROMJENE SIGURNOSTI



OBIEE 11G PROMJENE ADMINISTRACIJE

- Centralizirano upravljanje aplikacijom
- Deploy repozitorija je u EM
- Default katalog, repozitorij je u EM
- Logovi su EM
- Nema više ručnih izmjena u NQSCONFIG.INI....



The screenshot displays the Oracle Enterprise Manager 11g Fusion Middleware Control interface. The main content area is titled "BI Server Repository" and includes the following sections:

- Change Center:** Lock and Edit Configuration
- Overview:** Capacity Management, Diagnostics, Security, **Deployment**
- Repository:** Scheduler, Marketing, Mail
- BI Server Repository:** This section shows the current installed RPD. You can use this section to configure a shared RPD location.
 - Default RPD: hpb_bi_BI0066
 - Share Repository
 - Shared Location
- Upload BI Server Repository:** Use this section to upload a new RPD and its password to your BI Server domain. You may also use this section to re-enter the password if a mistake was made on a previous upload.
 - Repository File: Browse...
 - Repository Password:
 - Confirm Password:
- BI Presentation Catalog:** This section shows the current location of the catalog used by Presentation Services. Use this section to change the location of the catalog, or to share the catalog by pointing to a shared location.
 - Catalog Location: \$ORACLE_INSTANCE/bifoundation/OracleBIPresentationServicesComponent/\$COMPONENT_NAME/catalog/hpb_bi

Šminka ili stvarnost?

NOVOSTI...



NOVE MOGUĆNOSTI

- **Vizualizacije**
- kombinira više alata izvješćivanja (KPI, Scorecards, BI mobile...)
- obnovljena Početna stranica
- obnovljeni Dashboards
- obnovljeni Answers

- **BI Publisher potpuno integriran u OBIEE 11g**

- **Oracle BI Composer (*Novo u 11.1.1.5*)**



NOVE MOGUĆNOSTI – KPI, SCORECARDS, BI MOBILE

Oracle Business Intelligence - KPI Configuration

Thresholds Configuration

Threshold	Status
High values: Sales, Target * .90	OK
Low values: Sales, Target * .70	WARNING
	CRITICAL

Mobile BI Applications

- Product Dashboard: Displays various charts and graphs for product performance.
- Catalog: Lists various BI reports and dashboards available on the mobile device.

Oracle Business Intelligence - Scorecard Overview

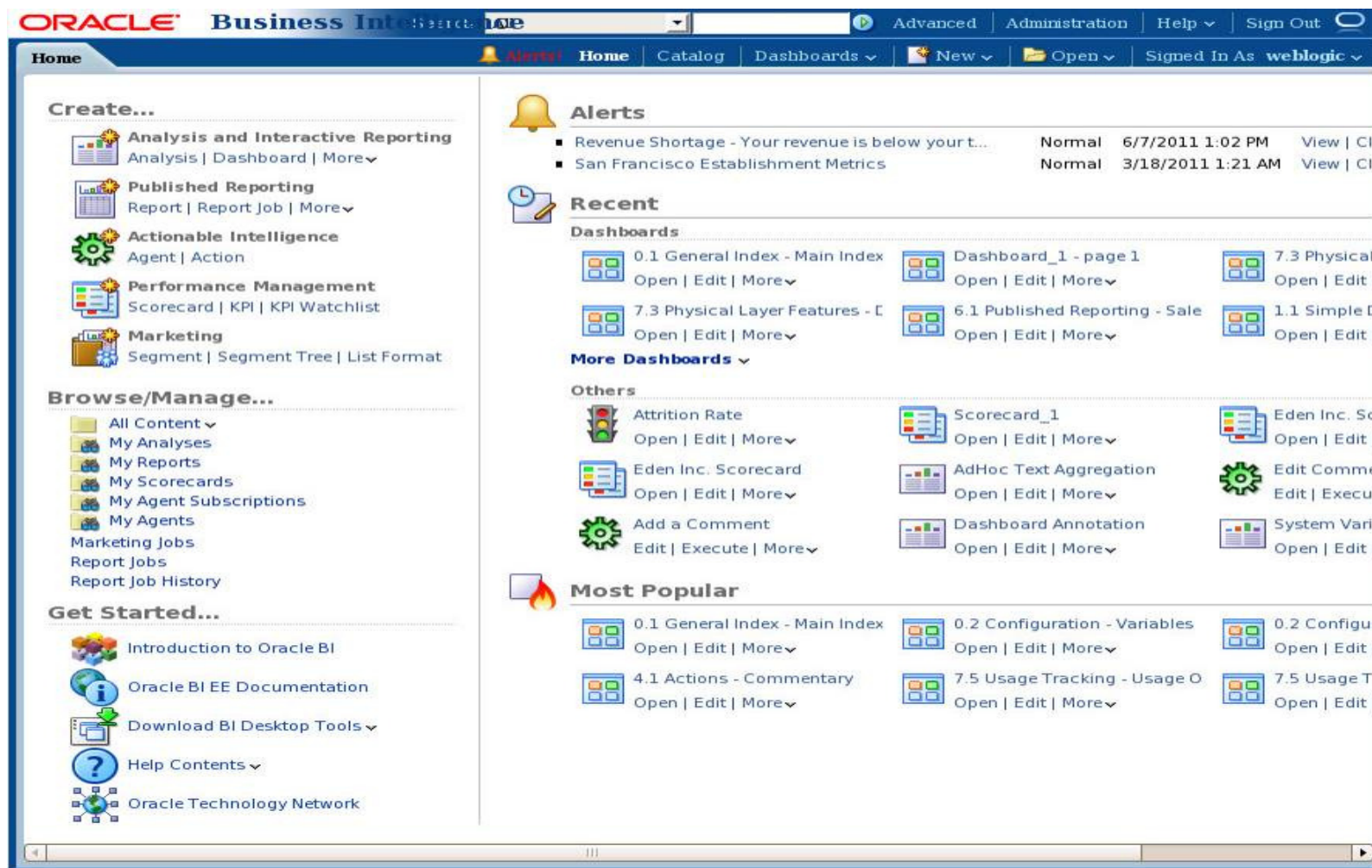
Strategy Tree: Improve Store Performance

```

graph TD
    A[Improve Store Performance] --> B[Improve Stakeholder Relations]
    A --> C[Improve Financial Performance]
    B --> D[Store Staff Satisfaction]
    B --> E[Store Customer Satisfaction]
    C --> F[Store Sales]
    C --> G[Store Margin]
  
```

Objective	Value	Target	Variance	% Variance
Store Staff Satisfaction	42.40	89.21	-46.81	-52.47%
Store Customer Satisfaction	86.11	89.21	-3.11	-3.49%
Store Sales	262.00	238.00	24.00	10.08%
Store Margin	48.00	70.00	-22.00	-31.43%

NOVE MOGUĆNOSTI – POČETNA STRANICA

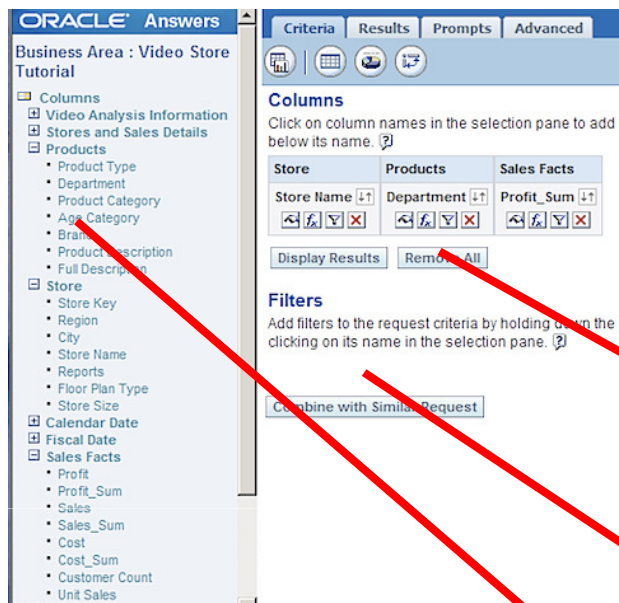


The screenshot shows the Oracle Business Intelligence Home page. The top navigation bar includes 'ORACLE Business Intelligence', a search bar, and links for 'Advanced', 'Administration', 'Help', and 'Sign Out'. Below this is a secondary navigation bar with 'Home', 'Catalog', 'Dashboards', 'New', 'Open', and 'Signed In As weblogic'.

The main content area is divided into several sections:

- Create...:**
 - Analysis and Interactive Reporting:** Analysis | Dashboard | More
 - Published Reporting:** Report | Report Job | More
 - Actionable Intelligence:** Agent | Action
 - Performance Management:** Scorecard | KPI | KPI Watchlist
 - Marketing:** Segment | Segment Tree | List Format
- Browse/Manage...:**
 - All Content
 - My Analyses
 - My Reports
 - My Scorecards
 - My Agent Subscriptions
 - My Agents
 - Marketing Jobs
 - Report Jobs
 - Report Job History
- Get Started...:**
 - Introduction to Oracle BI
 - Oracle BI EE Documentation
 - Download BI Desktop Tools
 - Help Contents
 - Oracle Technology Network
- Alerts:**
 - Revenue Shortage - Your revenue is below your t... (Normal, 6/7/2011 1:02 PM)
 - San Francisco Establishment Metrics (Normal, 3/18/2011 1:21 AM)
- Recent:**
 - Dashboards:**
 - 0.1 General Index - Main Index (Open | Edit | More)
 - Dashboard_1 - page 1 (Open | Edit | More)
 - 7.3 Physical Layer Features - C (Open | Edit | More)
 - 6.1 Published Reporting - Sale (Open | Edit | More)
 - 1.1 Simple C (Open | Edit | More)
 - More Dashboards**
 - Others:**
 - Attrition Rate (Open | Edit | More)
 - Eden Inc. Scorecard (Open | Edit | More)
 - Add a Comment (Edit | Execute | More)
 - Scorecard_1 (Open | Edit | More)
 - AdHoc Text Aggregation (Open | Edit | More)
 - Dashboard Annotation (Open | Edit | More)
 - Eden Inc. Sc (Open | Edit | More)
 - Edit Comme (Edit | Execu)
 - System Vari (Open | Edit | More)
- Most Popular:**
 - 0.1 General Index - Main Index (Open | Edit | More)
 - 4.1 Actions - Commentary (Open | Edit | More)
 - 0.2 Configuration - Variables (Open | Edit | More)
 - 7.5 Usage Tracking - Usage O (Open | Edit | More)
 - 0.2 Configur (Open | Edit | More)
 - 7.5 Usage T (Open | Edit | More)

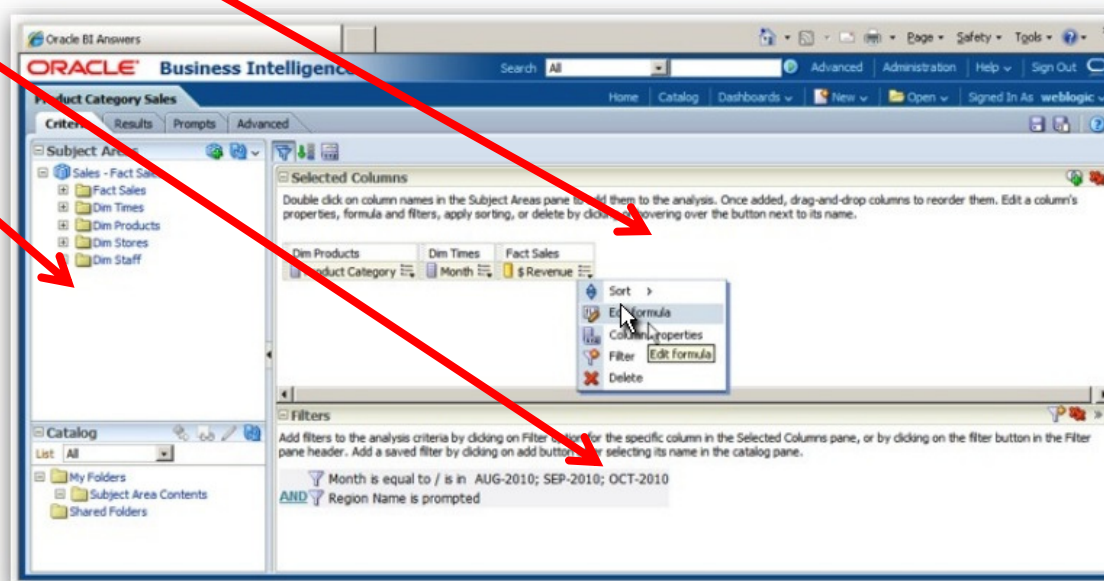
NOVE MOGUĆNOSTI – ANSWERS



Columns
Click on column names in the selection pane to add below its name. (?)

Store	Products	Sales Facts
Store Name	Department	Profit_Sum

Filters
Add filters to the request criteria by holding down the clicking on its name in the selection pane. (?)

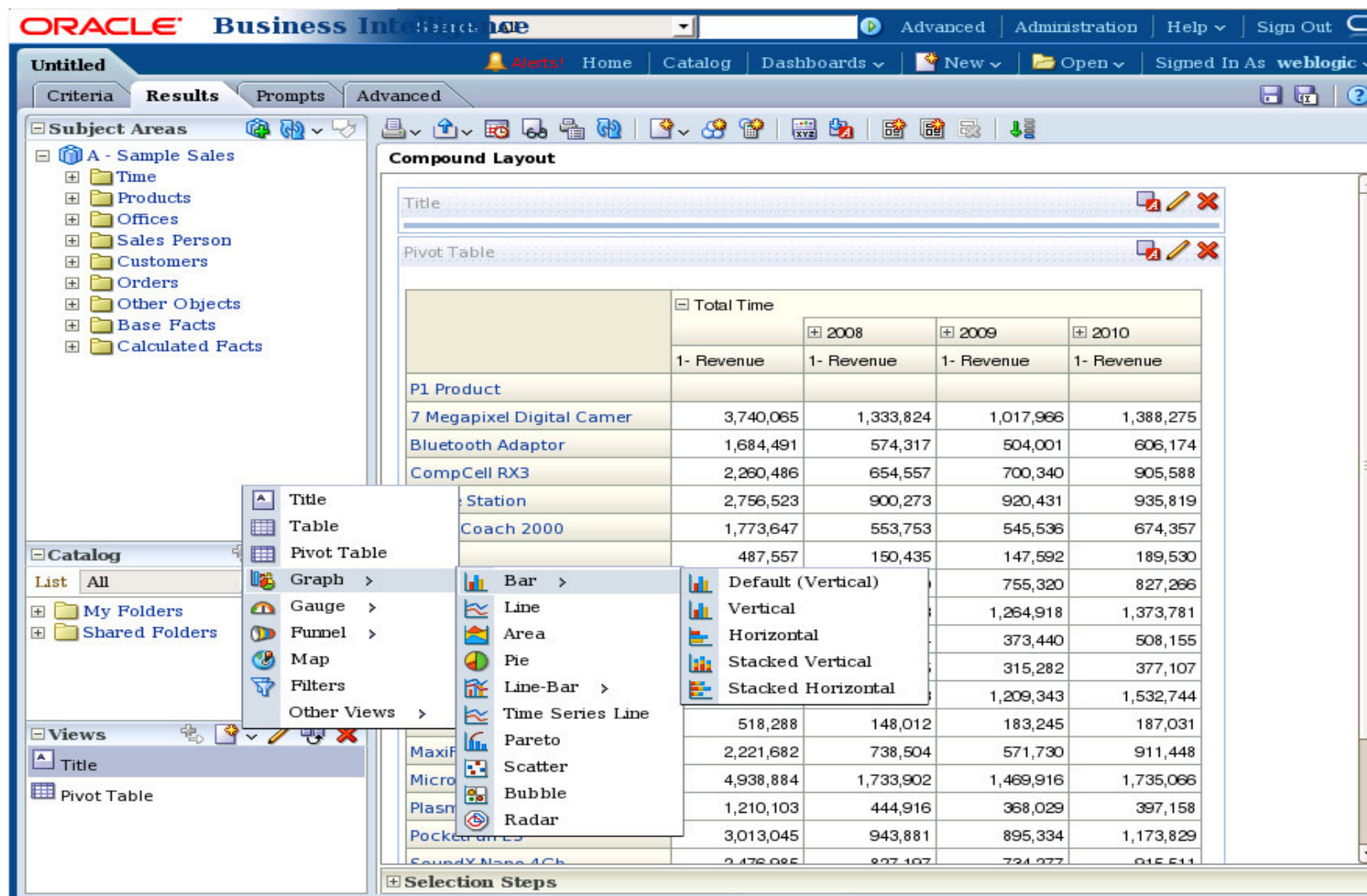


Selected Columns
Double click on column names in the Subject Areas pane to add them to the analysis. Once added, drag-and-drop columns to reorder them. Edit a column's properties, formula and filters, apply sorting, or delete by clicking on the button covering over the button next to its name.

Filters
Add filters to the analysis criteria by clicking on Filter button for the specific column in the Selected Columns pane, or by clicking on the filter button in the Filter pane header. Add a saved filter by clicking on add button or selecting its name in the catalog pane.

Month is equal to / is in AUG-2010; SEP-2010; OCT-2010
AND Region Name is prompted

NOVE MOGUĆNOSTI – ANSWERS



The screenshot shows the Oracle Business Intelligence interface. On the left, there is a 'Subject Areas' tree with 'A - Sample Sales' expanded. Below it is a 'Catalog' section with 'List All' selected. At the bottom left, there are 'Views' for 'Title' and 'Pivot Table'. The main area displays a 'Compound Layout' with a 'Pivot Table' component. The table shows revenue data for various products across the years 2008, 2009, and 2010. A context menu is open over the table, showing options for visualization: Title, Table, Pivot Table, Graph (with sub-options: Bar, Line, Area, Pie, Line-Bar, Time Series Line), Gauge, Funnel, Map, Filters, and Other Views. The 'Bar' sub-menu is further expanded to show: Default (Vertical), Vertical, Horizontal, Stacked Vertical, and Stacked Horizontal.

	Total Time			
	2008	2009	2010	
1- Revenue	1- Revenue	1- Revenue	1- Revenue	
P1 Product				
7 Megapixel Digital Camer	3,740,065	1,333,824	1,017,966	1,388,275
Bluetooth Adaptor	1,684,491	574,317	504,001	606,174
CompCell RX3	2,260,486	654,557	700,340	905,588
Station	2,756,523	900,273	920,431	935,819
Coach 2000	1,773,647	553,753	545,536	674,357
	487,557	150,435	147,592	189,530
			755,320	827,266
			1,264,918	1,373,781
			373,440	508,155
			315,282	377,107
			1,209,343	1,532,744
	518,288	148,012	183,245	187,031
	2,221,682	738,504	571,730	911,448
	4,938,884	1,733,902	1,469,916	1,735,066
	1,210,103	444,916	368,029	397,158
	3,013,045	943,881	895,334	1,173,829
	2,476,085	827,107	724,277	615,511

NOVE MOGUĆNOSTI – ANSWERS

- Hijerarhijske kolone
- Hijerarhijske grupe
- Kontekstni izbornik za Pivot
- Master Detail Linking
- Više SA
- Times Series funkcije

Title

Pivot Table

	Amount
Staff (Parent Child)	
[-] Pierre Houdan	53
[-] Adrian Boles	8
[-] Alison Chisel	37
[-] Cassandra Barry	11
[-] Russell Durkee	5
[-] Jon James	20
[-] Lacey Laxson	11
[-] Doris Lines	10
[-] Malcom Doig	40
[-] Vernice Kennebeck	19
[-] Pete Sims	26
[-] Ronald Koeman	15

Compound Layout

New Group

Stores

Product Category

Untitled

Criteria Results Prompts Advanced

Subject Areas

- A - Sample Sales
 - Time
 - Alternate Calendars
 - More Time Objects
 - T00 Calendar Date
 - T01 Per Name Week
 - T02 Per Name Month
 - T03 Per Name Qtr
 - T04 Per Name Half
 - T05 Per Name Year
 - Time Hierarchy
 - Fiscal Time Hierarchy
 - Products
 - Product Ragged
 - Double Column
 - P1 Product
 - P2 Product Type
 - P3 LOB
 - P4 Brand
 - P0 Product Num
 - P5 Attribute 1
 - P6 Attribute 2
 - Products Hierarchy
 - Offices
 - Sales Person
 - Customers

Selected Columns

Time Products Base Facts

Time Hierarchy P1 Product 1- Revenue

Sort >

- Sort Ascending
- Sort Descending
- Add Ascending Sort
- Add Descending Sort
- Clear Sort
- Clear All Sorts in All Columns

Edit formula

Column Properties

Filter

Add / Remove Subject Areas

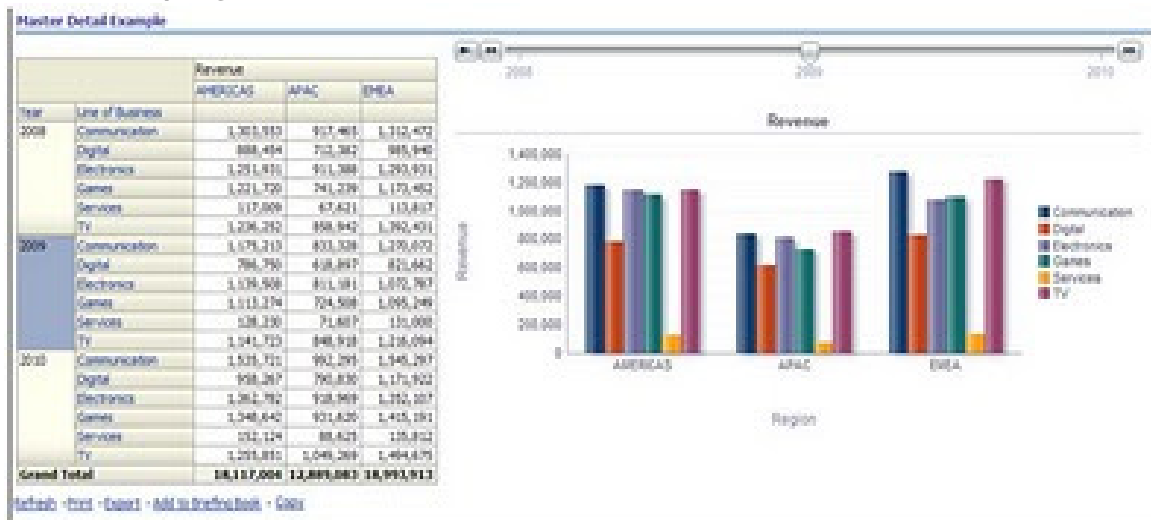
- A - Sample Sales
Main Subject Area for SampleApp 11g Build 10722
- B - Sample Quotas
Bridge Table Modelling examples
- C - Sample Headcount
Balance Based Metrics Examples

Help OK Cancel

Stores	Product Category	Revenue
[-] All Stores	Bread	6246.00
	Drinks	1821.69
	Gifts	923.44
	Shoes	2037.36
	Books	304.15
	Electronics	76.27
	Books	113.95
	Books	90.88
[-] Central SF	Shoes	94.70
	Electronics	28.42
	Books	58.97
	Books	41.95
SFO	Shoes	79.80
	Electronics	20.94
[-] Fishermans Wharf	Shoes	209.45
	Electronics	47.85
	Books	54.98
	Books	35.95
Macys, SF	Shoes	14.95
	Electronics	2.99
Nordstroms, SF	Electronics	6.48
	Books	15.98
Macys, NY	Books	12.98

NOVE MOGUĆNOSTI – ANSWERS – MASTER DETAIL LINKING

- Omogućava kreiranje analize(izvještaja) sa više različitih pogleda, i mogućnošću da se oni mijenjaju dinamički kako korisnik odabire vrijednosti na nekom od kreiranih pogleda



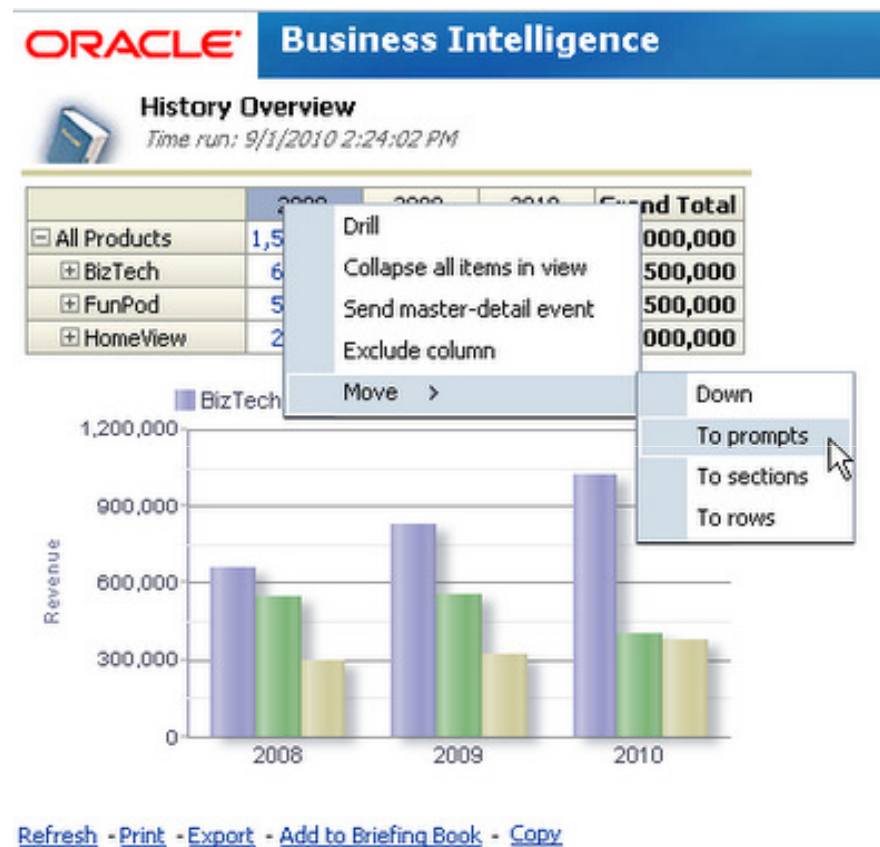
	Games	1,221,720	741,239	1,173,452
	Services	117,009	67,621	113,817
	TV	1,236,252	858,942	1,392,431
2009	Communication	1,175,213	833,328	1,270,072
	Digital	786,750	618,897	821,662
	Electronics	1,139,508	811,181	1,072,787
	Games	1,113,274	724,508	1,095,249
	Services	128,230	71,607	131,000
2010	Communication	1,535,721	992,295	1,545,297
	Digital	958,267	790,830	1,171,922
	Electronics	1,362,782	918,969	1,352,107
	Games	1,348,642	931,620	1,415,191
	Services	152,124	88,625	135,812
Grand Total		18,117,004	12,889,083	18,993,913

Refresh - Print - Export - Add to Briefing Book - Copy



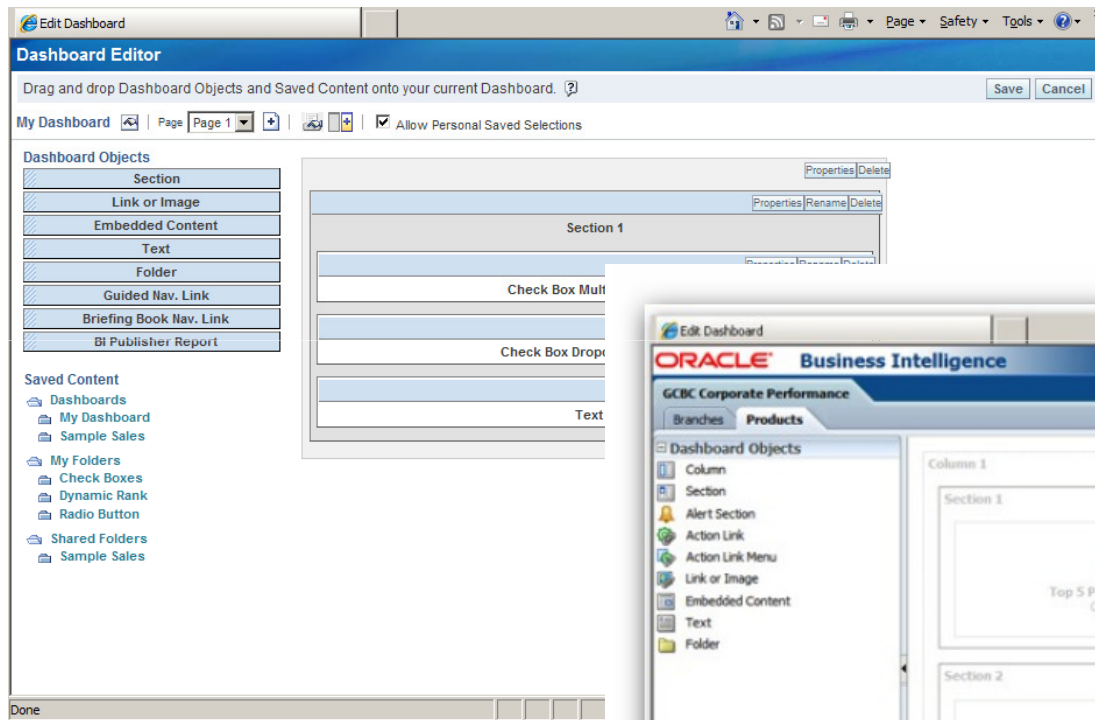
NOVE MOGUĆNOSTI – ANSWERS

- Nova mogućnost za krajnjeg korisnika je kontekstni izbornik na pivot tablicama koji dozvoljava korisnicima dashboarda preslagivanje položaja kolona

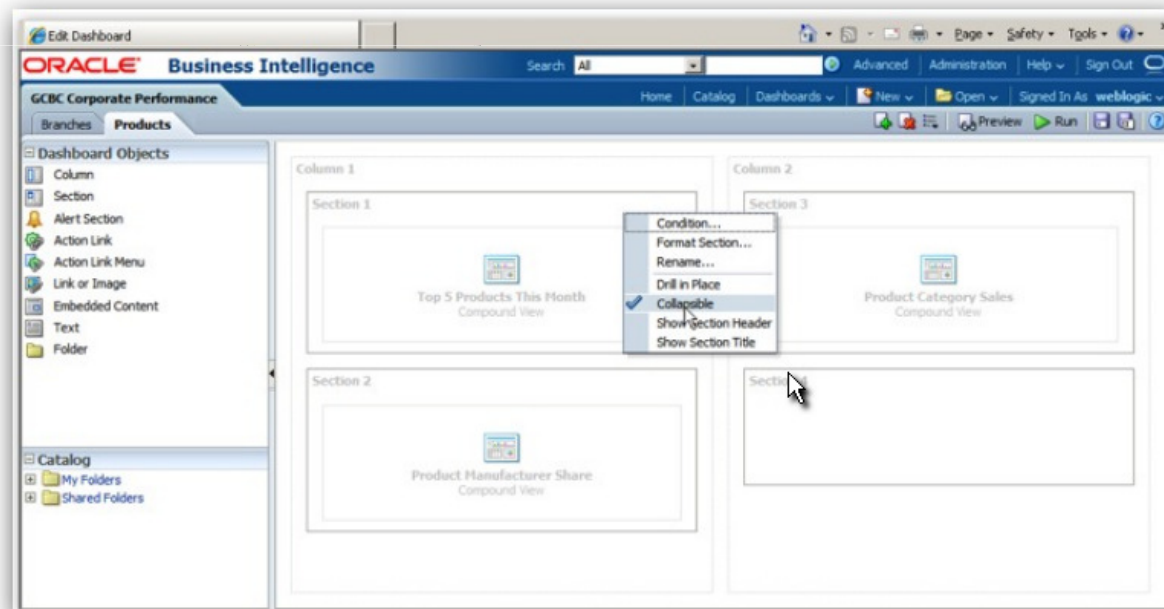




NOVE MOGUĆNOSTI – DASHBOARDS



VS



NOVE MOGUĆNOSTI – DASHBOARDS

- Opsežniji i prošireni skup vrsta grafikona
- Interaktivnost (Master-detail)
- Zoom in/Zoom out
- Animirani prijelazi
- Klizači (za segmente)
- Prompt stilovi

- Text Field
 - * Year
 - Apply Reset

- Choice List
 - Year
 - 2008
 - 2009
 - 2010
 - 2011
 - Search...

- Check Boxes
 - Year 2008
 - 2009
 - 2010
 - 2011

- Column Prompt

- Radio Buttons

- Year 2008
- 2009
- 2010
- 2011
- Apply Reset

- List Box

- Year
- 2008
- 2009
- 2010
- 2011
- Apply Reset

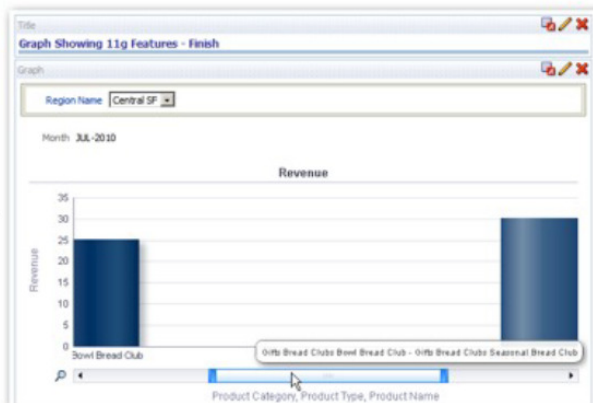
- Slider

- * I- Revenue
- Between 1K 2000.00 3000.00 5K



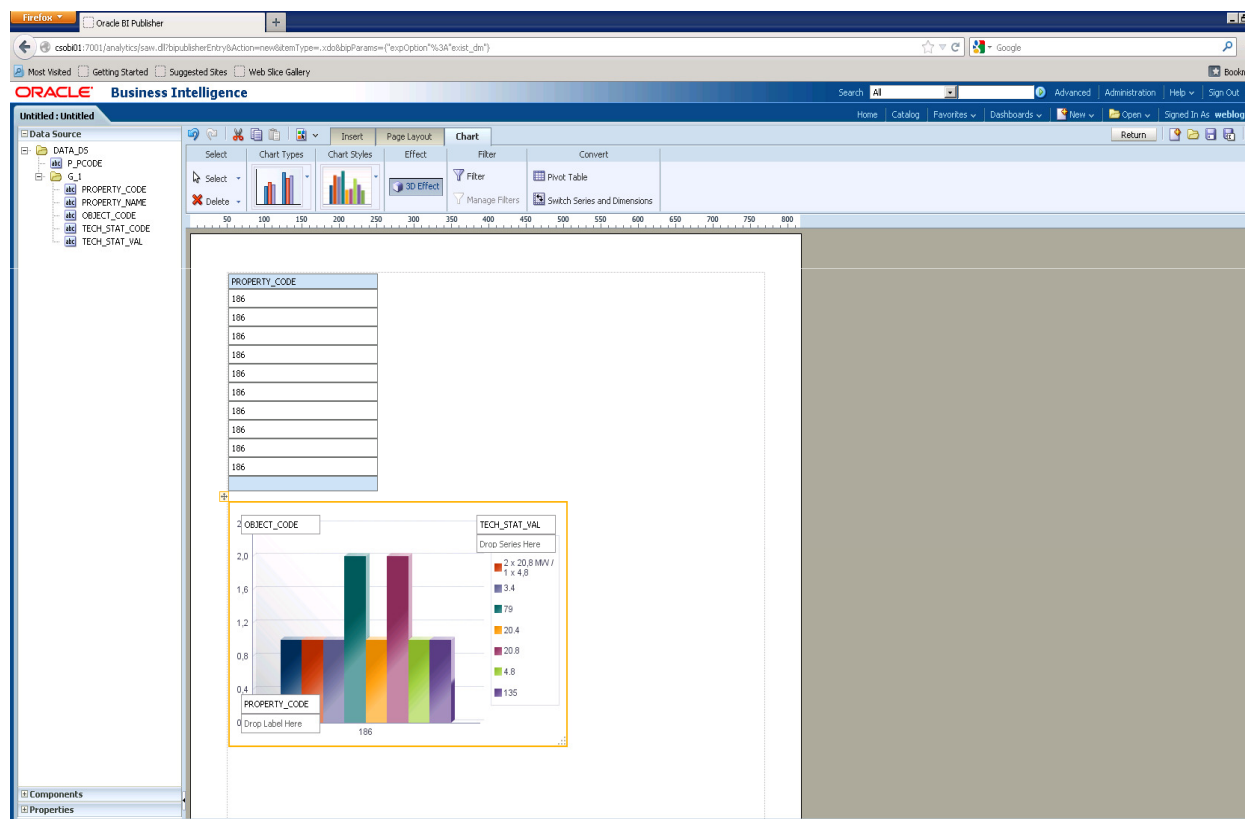
The 'Graph properties' dialog box includes the following settings:

- General:** Canvas Width: 640 Pixels, Canvas Height: 330 Pixels, Legend Location: Default (Right).
- Style:** Zoom and Scroll: Enable for Horizontal Axis, Enable for Vertical Axis, Listen to Master-Detail Events.
- Titles and Labels:** Animate graph on Display.

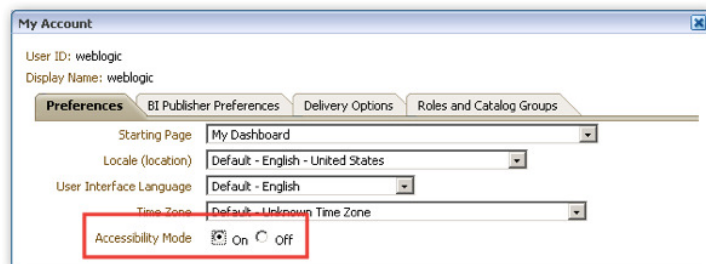


NOVE MOGUĆNOSTI – BI PUBLISHER

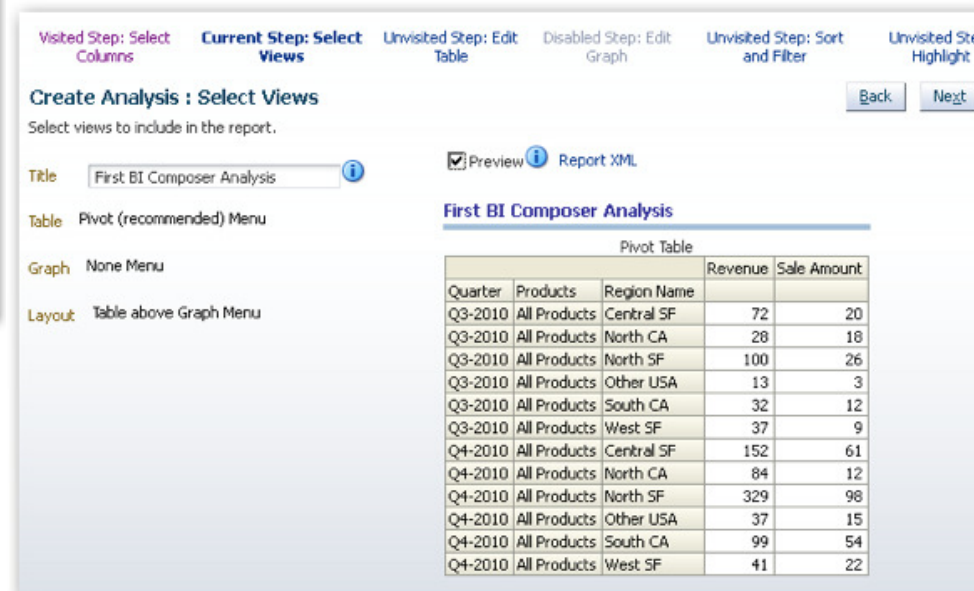
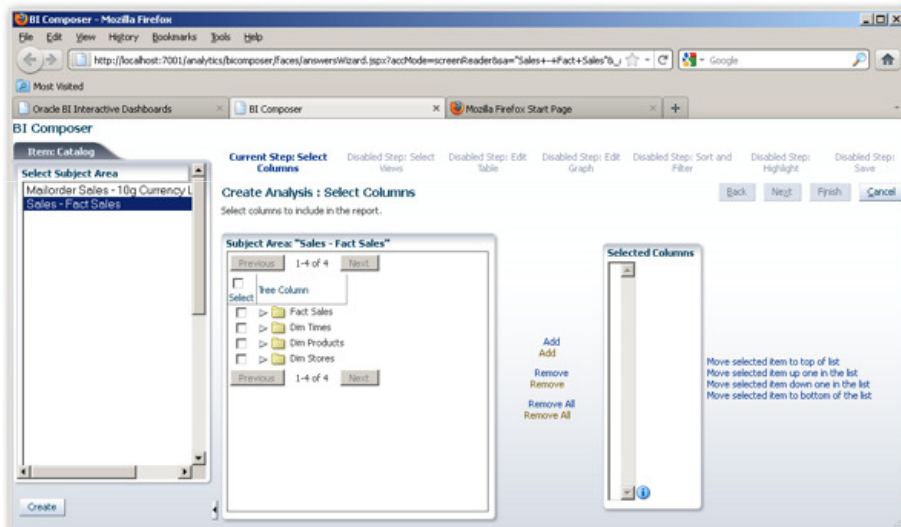
- BI Publisher potpuno integriran u OBIEE11g
- Izrada template-a je moguća u sklopu Analyticsa



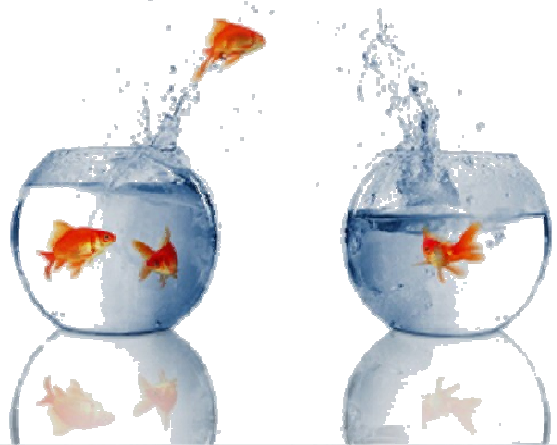
NOVE MOGUĆNOSTI – BI COMPSEER



- BI Composer je alat koji omogućava izradu AdHoc izvještaja u jednostavnijem okruženju od Answersa
- Uključuje wizarde koji vode proces izrade izvještaja
- Potrebna je dodatna instalacija kroz Web Logic Configuration Utility
- Nakon postavke za Accessibility Mode u opciji Create New Analysis se umjesto Answers otvara BI Composer

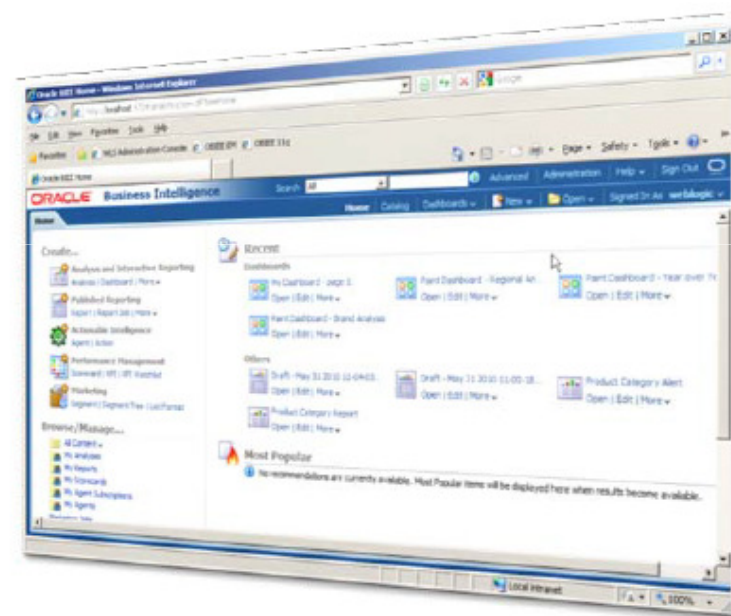


MIGRACIJA



UPGRADE PROCESS OVERVIEW

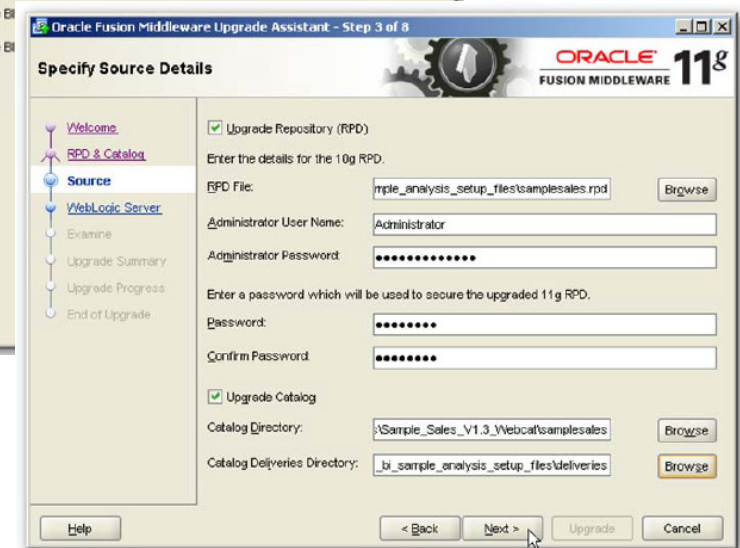
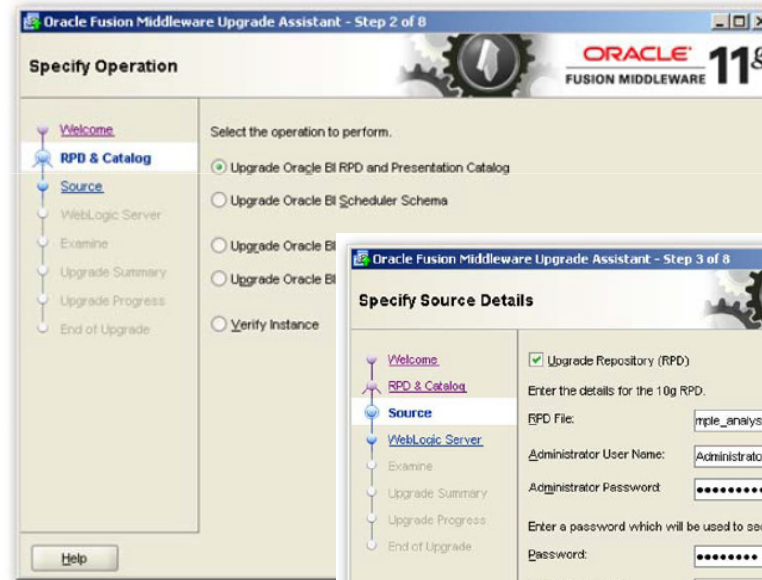
- Pročitati manuale, posebno zahtjevane platforme
- Koristiti RCU za kreiranje shema za BI Platform
- Instalirati Oracle BI 11g (Universal Installer)
- Koristiti Upgrade Assistant za upgrade metadata podataka i schema sa 10g
- Provesti regresijske testove dashboarda, izvještaja i sl.
- **Budite svjesni promjena specifičnih za platformu !**





THE UPGRADE ASSISTANT

- Standardna Oracle Fusion Middleware lifecycle aplikacija
- Orkestrira nadogradnju sa Oracle BI EE (10.1.3.2+)
 - Migrira:RPD uključujući RPD Usere i Groups na WLS LDAP
 - Presentation Services Webcatalog
 - Scheduler Schema (Delivers)
 - BI Publisher Repository
 - BI Publisher Schema
 - 10g Security model to 11g
- Generira log
- Ne migrira: konfiguracijske datoteke, Custom style sheets, JavaScript ...





11g Release 1 (11.1.1.6)	11g Release 1 (11.1.1.5)	11g Release 1 (11.1.1.3)
Auto-Complete Functionality for Prompts	Custom Width for Prompts	Key Terminology Changes
Optional Apply and Reset Buttons for Prompts	BI Composer	Major User Interface Improvements
Miscellaneous Prompts Enhancements	Enhancements to the KPI Editor	New Column Type and Related Operations
Favorites	Oracle Business Intelligence Mobile	Enhancements to Views
Customizable Global Header and Get Started Section of the Home Page		Calculated Items and Groups Multiple Subject Areas
Oracle BI Client Installer Option Added to the Home Page		Interaction with Other Oracle Products
Integrated Full-Text Search Capabilities		SQL Functions for Time Series Calculations and Level-Based Measures
Ability to Set Accessibility Mode in the Sign In Page		Embedded Database Functions
Enhancement to Oracle Scorecard and Strategy Management		Enhancements to Formatting
Oracle Business Intelligence Mobile		Enhancements to the Oracle BI Presentation Catalog
Enhancements to Tables and Pivot Tables		Full-Text Search Capability
Enhancements to Map Views		Actions
Enhancements to Selections		Conditions
Enhancements to Views		Enhancements to Agents
BI Composer Enhancements		Enhancements to Compound Layout
		Key Performance Indicators (KPIs)
		Oracle Scorecard and Strategy Management

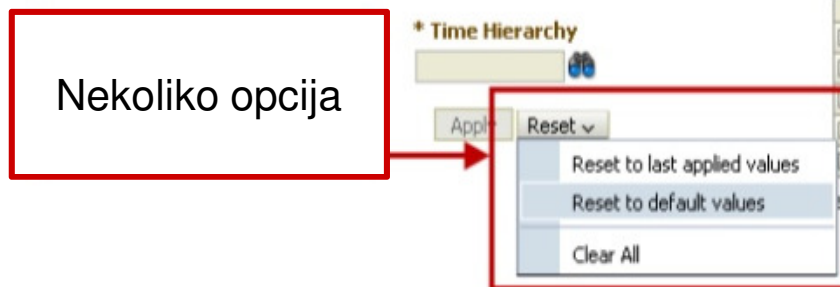
NOVOSTI U VERZIJI 11.1.1.6

POBOLJŠANJA

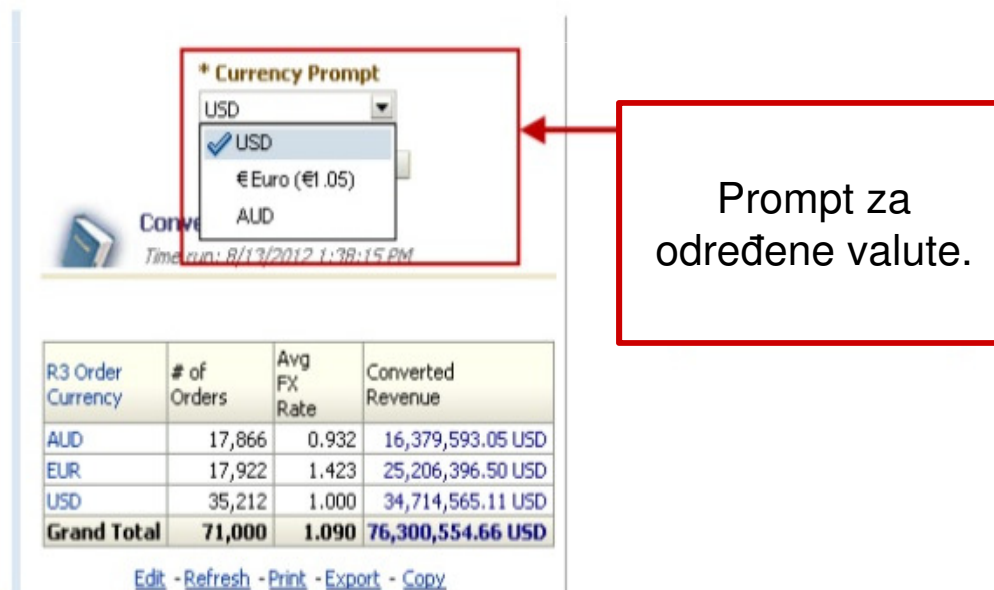
- **Poboljšanja za promptove**
 - Auto-Complete funkcionalnost, Apply i Reset gumbi...
- **Oracle BI Client Installer opcija dodana na početnu stranicu**
- **Proširenja u Scorecard i Strategy Managementu**
- **Oracle Business Intelligence Mobile poboljšanja**
- **Proširenja na području Tablica i Pivot Tablica**
- **Proširenja na području pogleda i mapa**
- **Skripta za instalaciju BI Composerera**
-
- **BUGS FIXED**

POBOLJŠANJA PROMPTOVA

A.) Reset Button



B.) Currency Prompt



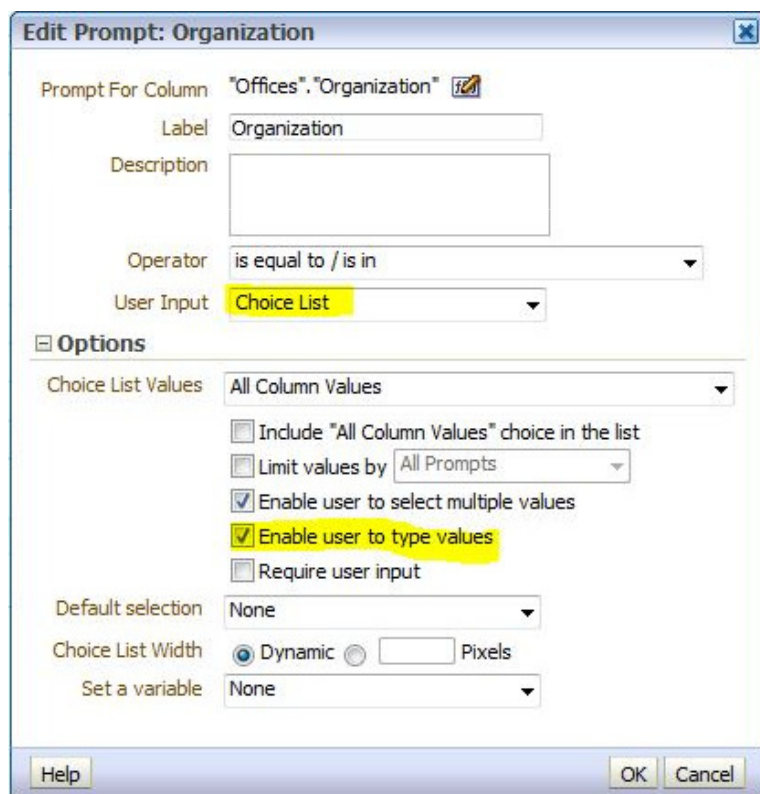
Prompt za određene valute.

R3 Order Currency	# of Orders	Avg FX Rate	Converted Revenue
AUD	17,866	0.932	16,379,593.05 USD
EUR	17,922	1.423	25,206,396.50 USD
USD	35,212	1.000	34,714,565.11 USD
Grand Total	71,000	1.090	76,300,554.66 USD


[Edit](#) - [Refresh](#) - [Print](#) - [Export](#) - [Copy](#)

POBOLJŠANJA PROMPTOVA

- **Auto-Complete funkcionalnost**
 - Treba omogućiti u instanceconfig.xml
 - Radi za Choice list prompt



Edit Prompt: Organization

Prompt For Column: "Offices", "Organization" 

Label: Organization

Description:

Operator: is equal to / is in

User Input: Choice List

Options

Choice List Values: All Column Values

Include "All Column Values" choice in the list

Limit values by: All Prompts

Enable user to select multiple values

Enable user to type values

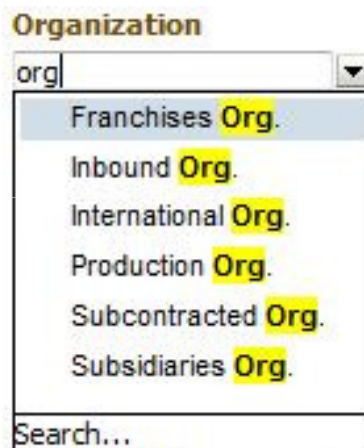
Require user input

Default selection: None

Choice List Width: Dynamic Pixels

Set a variable: None

Buttons: Help, OK, Cancel

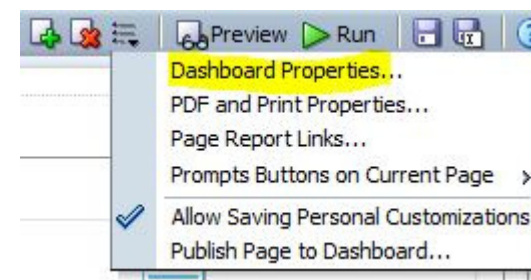


Organization

org

- Franchises Org.
- Inbound Org.
- International Org.
- Production Org.
- Subcontracted Org.
- Subsidiaries Org.

Search...



- Dashboard Properties...
- PDF and Print Properties...
- Page Report Links...
- Prompts Buttons on Current Page >
- Allow Saving Personal Customizations
- Publish Page to Dashboard...



Filters and Variables 

Dashboard Report Links 

Prompts Apply Buttons: Use page settings

Prompts Reset Buttons: Use page settings

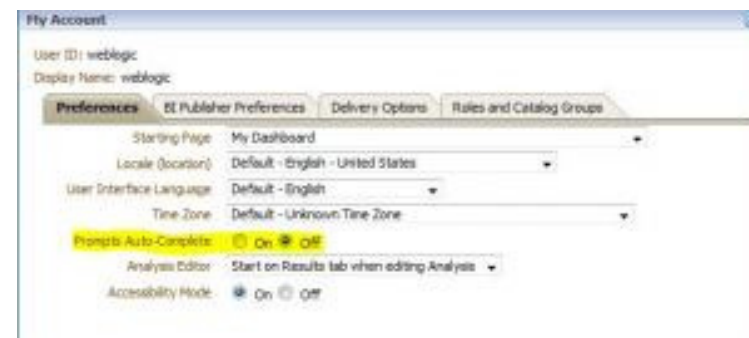
Prompts Auto-Complete: Use user preference settings Off



Administration | Help | Sign Out

Open | Signed In As weblogic

Preview | Run | My Account



My Account

User ID: weblogic
Display Name: weblogic

Preferences | Publisher Preferences | Delivery Options | Rules and Catalog Groups

Starting Page: My Dashboard

Locale (location): Default - English - United States

User Interface Language: Default - English

Time Zone: Default - Unknown Time Zone

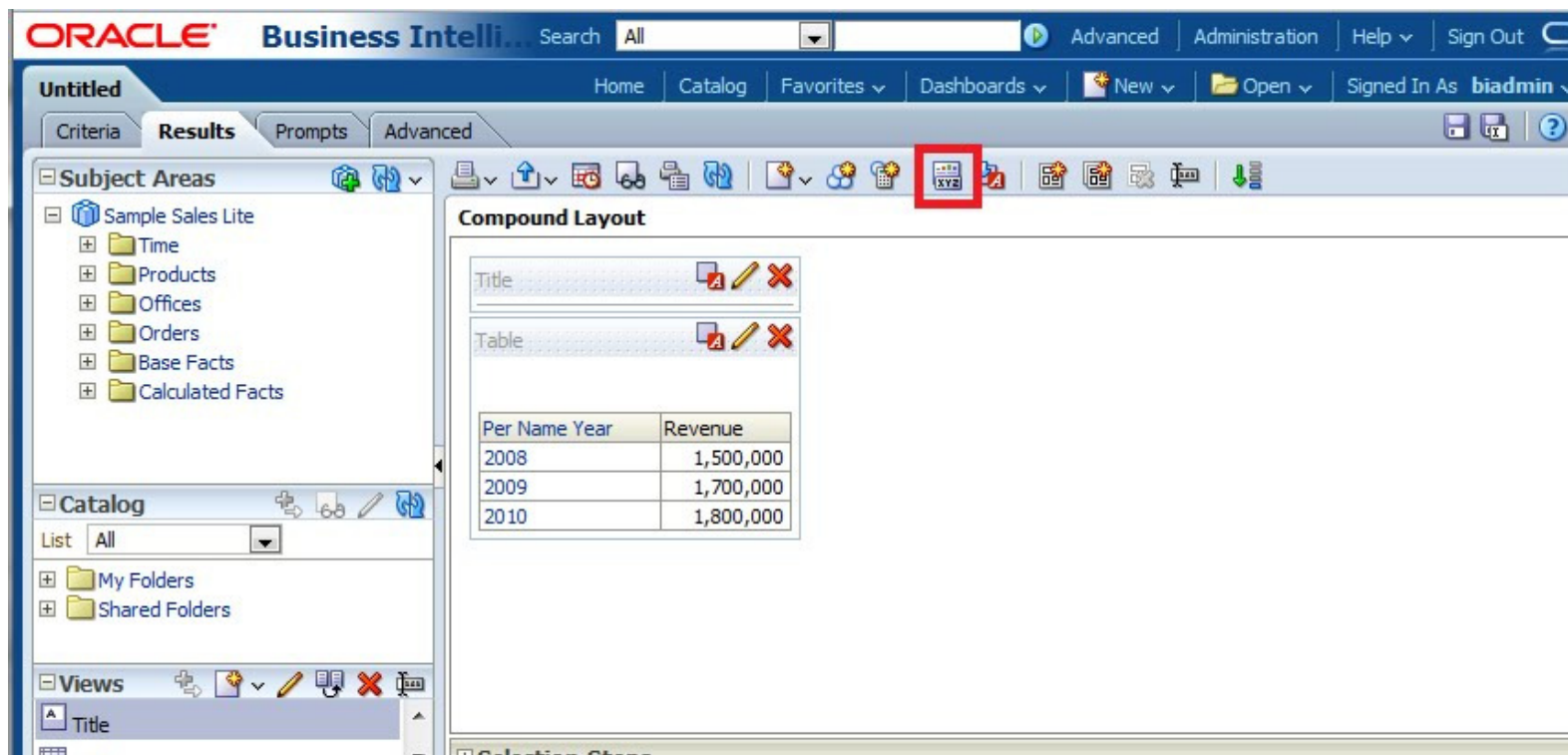
Prompts Auto-Complete: On Off

Analysis Editor: Start on Results tab when editing Analysis

Accessibility Mode: On Off

Dodavanje kolona na postojeće izvještaje

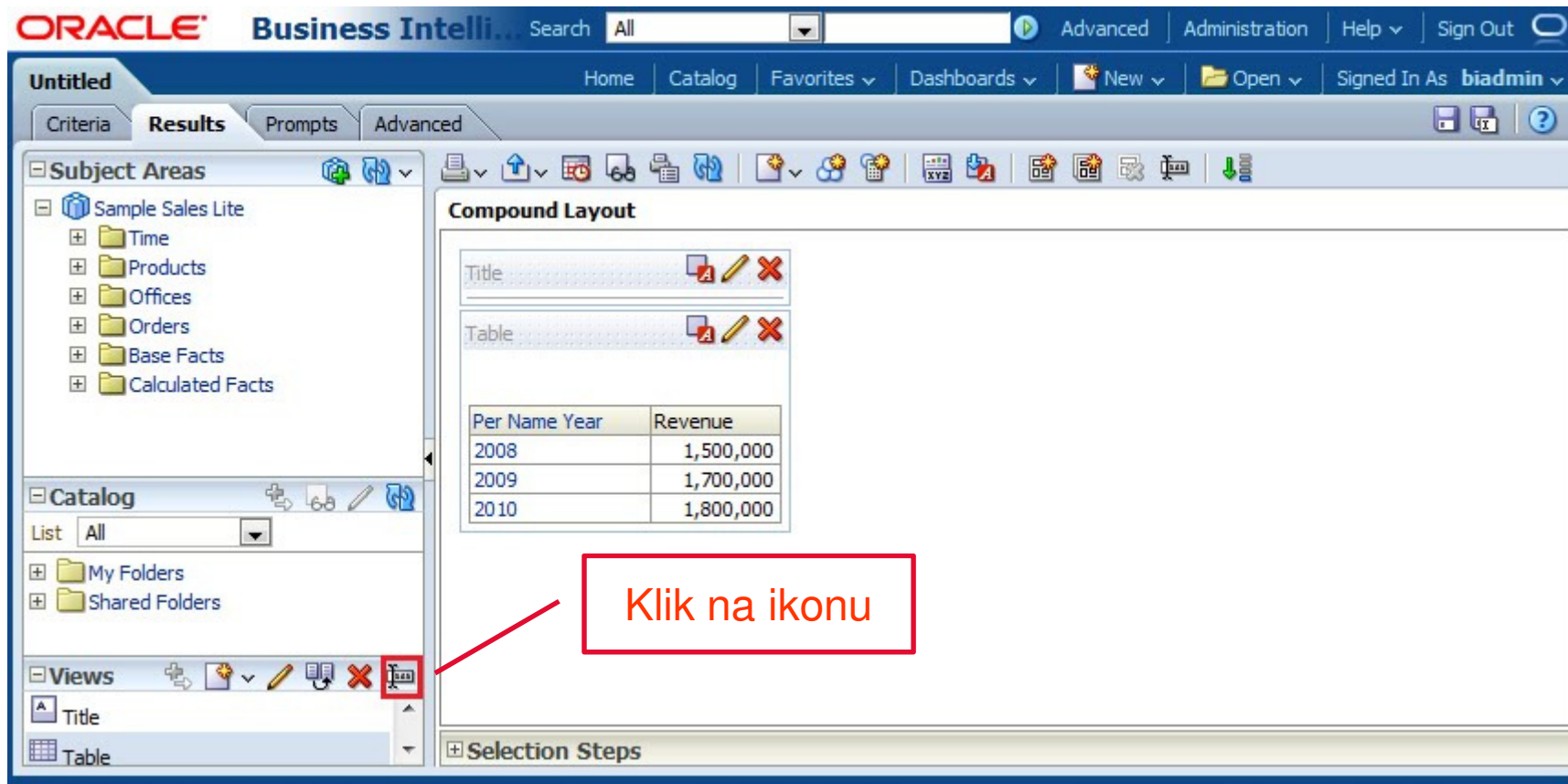
- 11.1.1.6 - automatsko dodavanje
- 11.1.1.5 – isključena kolona



The screenshot shows the Oracle Business Intelligence interface. The main window displays a report titled 'Compound Layout' with a table of revenue data. The table has two columns: 'Per Name Year' and 'Revenue'. The data rows are for the years 2008, 2009, and 2010, with revenue values of 1,500,000, 1,700,000, and 1,800,000 respectively. A red box highlights the 'Add Column' icon in the toolbar, which is used to add new columns to the report.

Per Name Year	Revenue
2008	1,500,000
2009	1,700,000
2010	1,800,000

Preimenovanje view-a



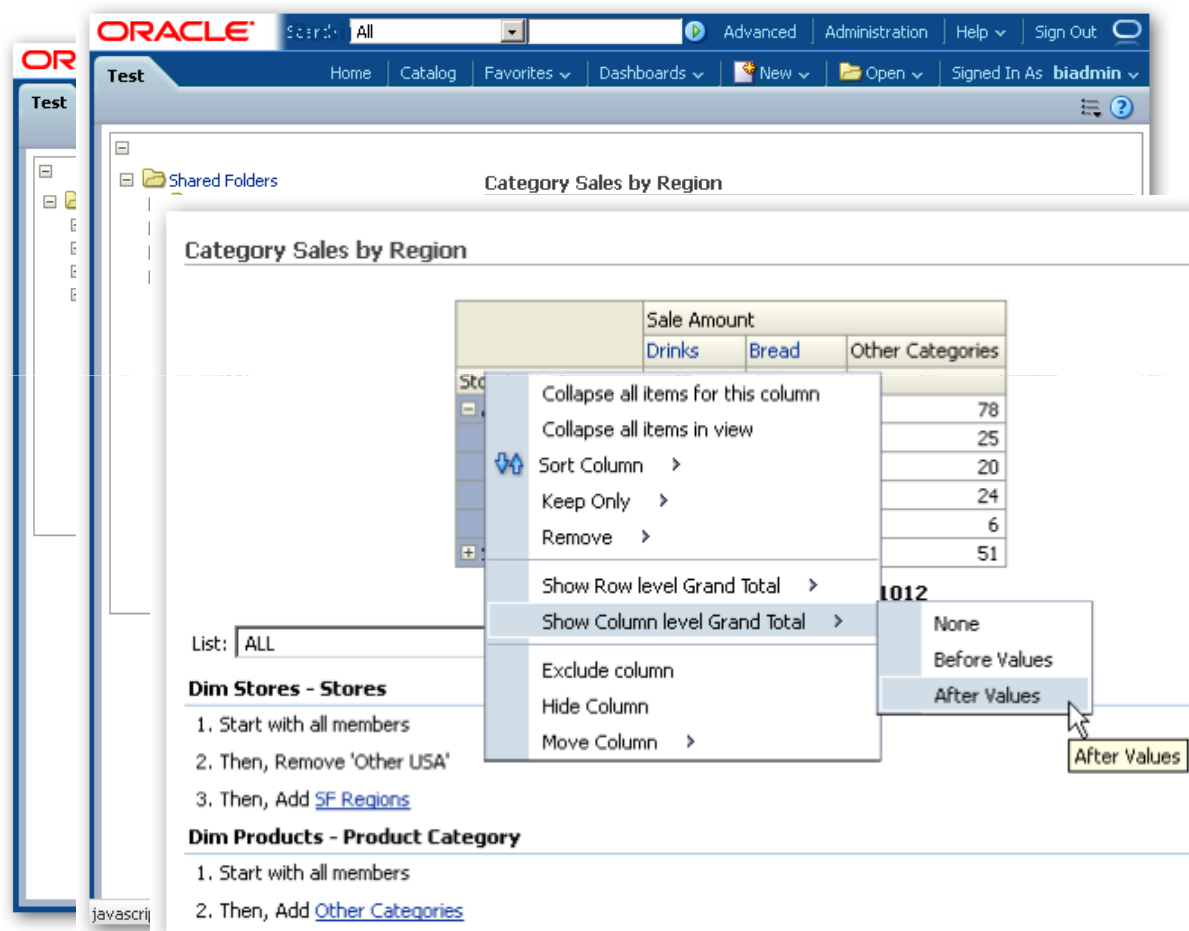
Oracle Business Intelligence interface showing a view being renamed. The interface includes a navigation pane on the left with sections for Subject Areas, Catalog, and Views. The Views section is expanded, showing a list of views: Title and Table. A red box highlights the 'Rename' icon (a document with a pencil) in the Views toolbar. A red arrow points from this icon to a text box containing the text "Klik na ikonu".

The main workspace displays a 'Compound Layout' with a table titled 'Table' containing the following data:

Per Name Year	Revenue
2008	1,500,000
2009	1,700,000
2010	1,800,000

End-user selection steps

- Pivot tablica
- Dodavanje grupa i izračunatih stavki
- Dodavanje totala
- Spremanje trenutanih prilagodbi



The screenshot shows the Oracle BI Desktop interface. The main window displays a pivot table titled "Category Sales by Region". The table has columns for "Sale Amount" (subdivided into "Drinks", "Bread", and "Other Categories") and rows for "Stores". A context menu is open over the "Drinks" column, showing options such as "Collapse all items for this column", "Sort Column", "Keep Only", "Remove", "Show Row level Grand Total", "Show Column level Grand Total", "Exclude column", "Hide Column", and "Move Column". A sub-menu is also visible, showing options like "None", "Before Values", and "After Values".

	Sale Amount		
	Drinks	Bread	Other Categories
Store 1	78	25	20
Store 2	24	6	51
1012			

List: ALL

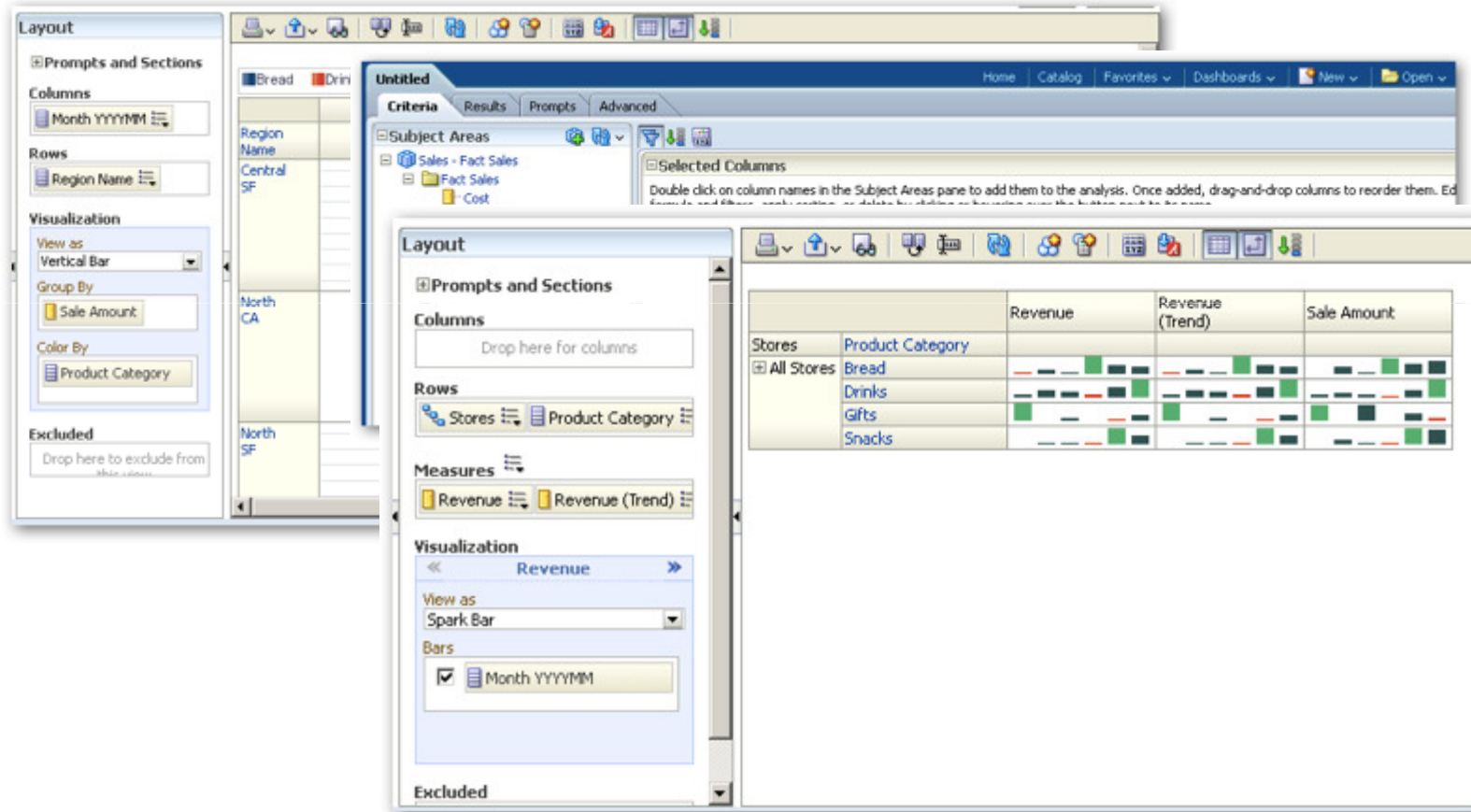
Dim Stores - Stores

1. Start with all members
2. Then, Remove 'Other USA'
3. Then, Add [SF Regions](#)

Dim Products - Product Category

1. Start with all members
2. Then, Add [Other Categories](#)

Trellis Views, Microcharts and Sparklines



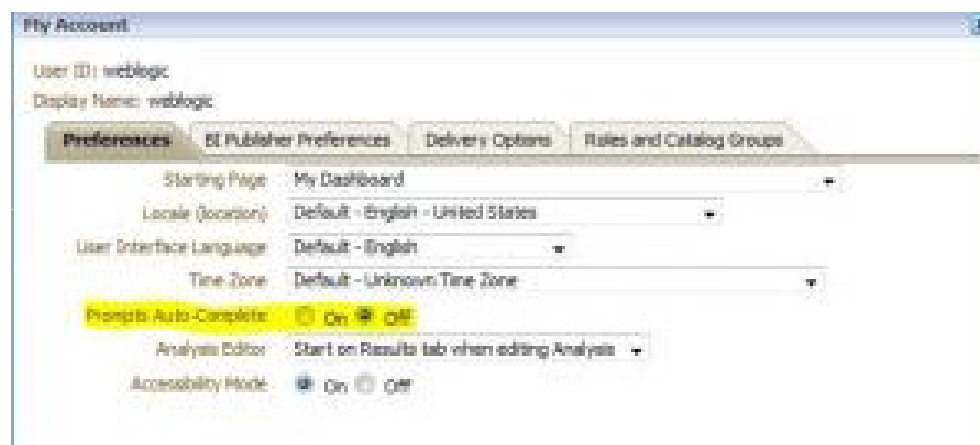
Novi Waterfall Graf

- Pomični-stupičasti grafikon
- Početna vrijednost - povećana ili smanjena nizom srednjih vrijednosti



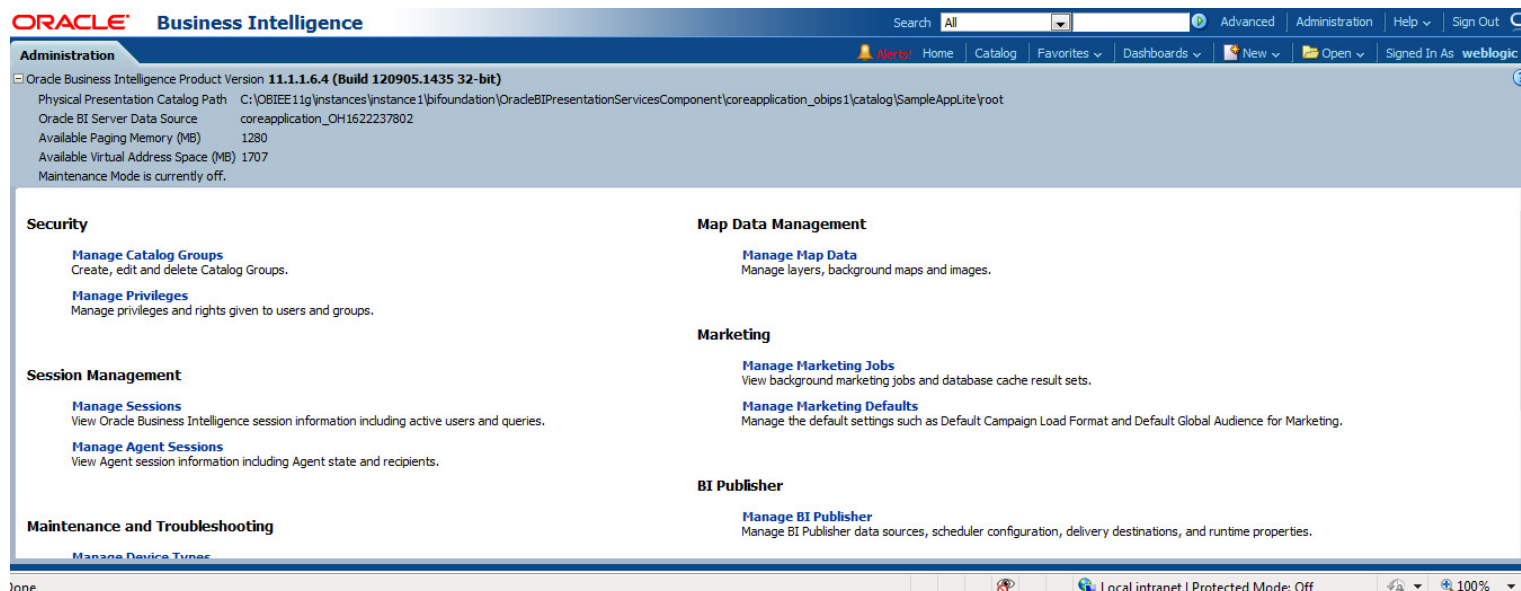
Postavke računa

- Uređivanje izvještaja
- Valuta
- Auto-complete



OBIEE 11.1.1.6.4 je dostupan

- The Oracle Business Intelligence 11.1.1.6.4 patchset:
 - patch 14538078 Patch 11.1.1.6.4 (1 of 7) Oracle Business Intelligence Installer
 - patch 14538128 Patch 11.1.1.6.4 (2 of 7) Oracle Real Time Decisions
 - patch 14285344 Patch 11.1.1.6.4 (3 of 7) Oracle Business Intelligence Publisher
 - patch 14538164 Patch 11.1.1.6.4 (4 of 7) Oracle Business Intelligence ADF Components
 - patch 14415773 Patch 11.1.1.6.4 (5 of 7) Enterprise Performance Management Components Installed from BI Installer 11.1.1.6.x
 - patch 14405222 Patch 11.1.1.6.4 (6 of 7) Oracle Business Intelligence
 - patch 14409674 Patch 11.1.1.6.4 (7 of 7) Oracle Business Intelligence Platform Client Installers and MapViewer



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- milena.mrdja@multicom-is.hr

