

# Oracle Financial Services Data Management Application Pack Installation Guide

Version 8.0.6.1.0



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## Preface

This document provides step-by-step instructions to install the OFS Data Management Application Pack 8.0.6.1.0 Upgrade Release.

This chapter discusses the following topics:

- [Audience](#)
- [Related Documents](#)
- [Conventions Used](#)

## Audience

Oracle Financial Services Data Management Application Pack Installation Guide is intended for administrators, and implementation consultants who are responsible for installing and maintaining the application pack components.

## Prerequisites for the Audience

The document assumes that you have experience in installing Enterprise components and basic knowledge about the following is recommended.

The following are the expected preparations from the administrator before starting the actual installation:

- Oracle Financial Services Advanced Analytical Applications Infrastructure pack components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- Web Server/ Web Application Server

### Related Documents

For more information, refer the Oracle Financial Services Data Management Application Pack 8.0.6.1.0 documents available in [OHC](#).

- Oracle Financial Services Data Governance for US Regulatory Reporting User Guide Release 8.0.6.0.0
- Oracle Financial Services Data Governance for European Central Reporting User Guide Release 8.0.6.0.0
- Oracle Financial Services Analytical Applications Infrastructure User Guide Release 8.0.6.0.0 ([OHC library](#))
- Oracle Financial Services Analytical Applications Infrastructure Installation Guide Release 8.0.6.1.0 ([OHC library](#))

### Conventions and Acronyms

Conventions	Description
Actions are indicated in <b>Bold</b> .	
Command or query is indicated in <code>Courier New font</code> .	
AIX	Advanced Interactive eXecutive
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure
OFS AAAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack
OFS DM	Oracle Financial Services Data Management Application Pack
RHEL	Red Hat Enterprise Linux
IR	Interim Release
ML	Maintenance Level
Atomic Schema	Database schema where the application data model is uploaded.
Config Schema	Database schema which contains setup related configurations and metadata.

# 1 OFS DM Application Pack Upgrade Release 8.0.6.1.0

This Upgrade Release of OFS DM Application Pack is cumulative and includes all enhancements and bug fixes done since the OFS DM Application Pack v8.0 GA release.

## 1.1 Prerequisites

- You should have OFS DM Application Pack version 8.0.6.0.0 as the minimum patch set level.

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**NOTE:** You can refer to the [Technology Matrix](#), for Hardware and Software Requirements.

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- If AAI version 8.0.7 or higher, it is mandatory to apply OFS AAI one-off 29479272.

## 1.2 Pre Installation Activities

The configuration file **params.conf** must be updated before triggering the Installation. **params.conf** file is available in the path `/OFS_DM_PACK/OFS_DM/conf`.

In the **params.conf** file, update the value in the `UPLOAD_MODEL` parameter to 0.

## 1.3 How to Apply This Upgrade Release?

### 1.3.1 Installing OFS DM

Refer to the following instructions to download, extract, install, and configure this upgrade release.

1. Login to <https://support.oracle.com/> and search for **Bug 29016267** under the *Patches & Updates* tab.
2. Download the OFS DM Application Pack v8.0.6.1.0 archive file and copy it to your OFSAA server in **Binary** mode.

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**NOTE:** The archive files are different for every operating system like AIX, Solaris, and RHEL/Oracle Linux.

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3. Log in to [My Oracle Support](#), search for the **33663417** Mandatory Patch in the **Patches & Updates** Tab and download it.

**ATTENTION** On the 10th of December 2021, Oracle released Security Alert CVE-2021-44228 in response to the disclosure of a new vulnerability affecting Apache Log4J prior to version 2.15. The application of the **33663417** Mandatory Patch fixes the issue. For details, see the My Oracle Support Doc ID [2827801.1](#).

4. Login to the OFSAA Server.
5. Shut down all the OFSAAI Services. For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Data Management](#)

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[Installation Manual Release 8.0.](#)

6. Execute the following command:

```
chmod -R 777 $FIC_HOME
```

7. If you have Unzip utility, skip to the next step. Download the Unzip utility (OS specific) **unzip\_<os>.Z** and copy it in **Binary** mode to the directory that is included in your PATH variable, typically **\$HOME** path or directory in which you have copied the 8.0.6.1.0 installer.

- Uncompress the unzip installer file using the command:

```
uncompress unzip <os>.Z
```

---

**NOTE:** In case you notice an error message “**uncompress: not found [No such file or directory]**” when the package is not installed, contact your UNIX administrator.

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- Give EXECUTE permission to the file using the command:

```
chmod 777 OFS_DM_8.0.6.1.0_<OperatingSystem>.zip.
```

8. Extract the contents of the 8.0.6.1.0 archive file using the command:

```
Unzip <name of the file to be unzipped>
```

---

**NOTE:** Rename or remove the existing OFSAA Application Pack folder from the OFSAA server prior to extracting the contents from the release archive (.zip). For example: For this release when extracted from the archive creates a folder with name OFS\_DM\_PACK. Rename or remove if a folder with the same name exists in the path where the release archive is copied.

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9. Give EXECUTE permission to the upgrade release archive file. Navigate to the path **OFS\_DM\_8.0.6.1.0\_<OperatingSystem>.zip** and execute the command:

```
chmod 777 OFSAAIUpdate.sh
```

10. Execute **OFSAAIUpdate.sh** file using the following command.

```
./OFSAAIUpdate.sh
```

Verify if the release is applied successfully by checking the log file generated in the installation folder present in the path: **Installation Directory/OFS\_DM\_PACK/logs/, and Installation Directory/OFS\_DM\_PACK/OFS\_DM/logs/**. You can ignore ORA-00001, ORA-00955, ORA-02260, and ORA-01430 errors in the log file. In case of any other errors, contact Oracle Support.

11. For more information on securing your OFSAA Infrastructure, refer to the Security Guide in [OHC Library](#).

12. After successful installation follow these steps:

- Clear the application cache. Navigate to the following path depending on the

configured web application server and delete the files.

- **Tomcat:**

<Tomcat installation folder>/work/Catalina/localhost/<Application name>/org/apache/jsp

- **WebLogic:**

<Weblogic installation location>/domains/<Domain name>/servers/<Server name>/tmp/\_WL\_user/<Application name>/<auto generated folder>/jsp\_servlet

- **WebSphere:**

<Websphere installation directory>/AppServer/profiles/<Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>

13. Add umask 0027 in the `.profile` of the UNIX account which manages the WEB server to ensure restricted access permissions.

14. Apply the **33663417** Mandatory Patch.

See the Readme that is packaged with the patch for further instructions on how to install and apply it.

15. Generate the application EAR/WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying

EAR / WAR file, refer to the *Post Installation Configuration* section in [Oracle Financial Services Data Management Installation Manual Release 8.0](#).

16. After the successful installation of the release, restart all the OFSAI services. For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Data Management Installation Manual Release 8.0](#).

## 1.4 Post Installation Configuration

On successful installation of the Oracle Financial Services Data Management Application Pack, perform the post installation steps mentioned as follows.

This chapter includes the following sections:

- [Performing Post-Installation Configuration for Data Management Application Pack](#)
- [Configuring the Parameter for Granularity drill-downs](#)

### 1.4.1 Performing Post-Installation Configuration for Data Management Application Pack

Perform the following steps for post-installation configuration of Data Management Application Pack:

1. Resave the following mentioned derived entities:

- DEATNAME: DE Attribute Name
- DE Business Line
- DEGLSTERM: DE Business Term
- DE Components
- DE Document Type
- DEENNAME: DE Entity Name

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- DE Frequency
  - DE KI Frequency
  - DE Location
  - DE Measure Scale
  - DE Process
  - DE Risk Categories
  - DE User List
  - DE\_GROUP • PMREPLINK
2. Resave the following mentioned hierarchies:
    - HDGENNAM: Entity Name Hierarchy
    - HDGATNAM: Attribute Name Hierarchy
    - HDGGLTRM: Business Term Hierarchy
    - Reports Hierarchy

### NOTE:

For information on Servlet Entries, refer the [MOS](#) link.

### 1.4.2 Populating Data for Account Drill down-Account Granularity(Variance Analysis dashboard)

1. After selecting Financial Services Data Governance for the preferred jurisdiction, navigate to Applications.
2. Navigate to **Common Tasks > Operations > Batch Maintenance**.

Oracle Financial Services Data Governance for US Regulatory Reporting

Task ID	Task Description	Metadata Value	Component ID	Precedence
<input type="checkbox"/>	DGSINFO_AMHM_STG_DIM_DATA_LOAD	AMHM Dimension Data Load	E	
<input type="checkbox"/>	DGSINFO_BULK_KI_ASSESSMENT	This batch is to do assessment for Bulk KI for a given date.	E	
<input type="checkbox"/>	DGSINFO_CAMPAIGN	Data Quality batch for CAMPAIGN tables	E	
<input type="checkbox"/>	DGSINFO_COLLATERAL	Data Quality batch for Collateral tables	E	
<input type="checkbox"/>	DGSINFO_COLLECTION_AND_RECOVERY	Data Quality batch for Collection and Recovery tables	E	
<input type="checkbox"/>	DGSINFO_CREATE_CONTROL	Create Controls	E	
<input type="checkbox"/>	DGSINFO_CREATE_CONTROL_ASSESSMENT	This Batch is used to create Assessments for the Controls	E	
<input checked="" type="checkbox"/>	DGSINFO_CREATE_GRANULAR_MAPPER	Create Granular mapper	E	
<input type="checkbox"/>	DGSINFO_CREATE_ISSUES	This batch is used for creation of Issues for a given MIS_DATE	E	
<input type="checkbox"/>	DGSINFO_CREATE_OP_CONTROLS	Batch to create Operational Controls	E	
<input type="checkbox"/>	DGSINFO_CREATE_OP_DQ_CONTROL	Create Controls	E	
<input type="checkbox"/>	DGSINFO_CRM	Data Quality batch for CRM tables	E	
<input type="checkbox"/>	DGSINFO_CUSTOMER	Data Quality batch for Customer tables	E	
<input type="checkbox"/>	DGSINFO_DATA_FOUNDATION_SCD	Data Foundation SCD for Loading Dimension Tables	E	

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Records Per Page 15

Task Details + Add View Edit Delete

Task ID	Task Description	Metadata Value	Component ID	Precedence
<input checked="" type="checkbox"/> Task1	Create Granular mapper	FN_CREATE_GRANULAR_MAPPER	TRANSFORM DATA	

Page 1 of 1 (1-1 of 1 items) K < > X

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3. In the **Task Description** column, select the **Create Granular mapper** batch to edit the Task definition.
4. Run the batch **CREATE\_GRANULAR\_MAPPER** by passing Parameter List as '**ACCOUNT**' This batch is used to load data from the intermediary tables of the account drill down with the matching Account Skey records in FCT\_REG\_ACCOUNT\_SUMMARY.



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**Task Definition**

Task ID: Task1  
Description: Create Granular mapper

Components: TRANSFORM DATA

**Dynamic Parameters List**

Property	Value
Datastore Type	EDW
Datastore Name	DGSINFO
Primary IP For Runtime Processes	10.184.157.119
Rule Name	FN_CREATE_GRANULAR_MAPPER
Parameter List	'GL'

**Audit Panel**

Created By: DGSUSER  
Last modified by: DGSUSER  
Creation Date: 05 NOV 2015 06:40:14  
Last Modification Date: 12 dec 2018 15:39:27

- **Batch Name: FCT\_KRI\_DEF\_UPDATE**  
This Batch is used to update the measure name, map key, and measure key for the Key Indicators available in the system.
5. Pass the Current System Date as misdate for this batch.

**Batch Definition**

Task ID: Task1  
Task Description: Updating Formula, Actual Formula for fct kri def  
Metadata Value: FN\_FCT\_KRI\_DEF\_UPDATE  
Component ID: TRANSFORM DATA  
Precedence: N  
Task Status: N

**Information Date**

Date: 12/14/2018

**Execute Batch**

6. After the war deployment, this batch must be executed.

### 1.4.3 Populating Data for Account Drill down-GL Granularity (Variance Analysis dashboard)

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1. After selecting Financial Services Data Governance for the preferred jurisdiction, navigate to **Applications**.
2. Navigate to **Common Tasks > Operations > Batch Maintenance**.

ORACLE Financial Services Data Governance for US Regulatory Reporting

Task ID	Task Description	Metadata Value	Component ID	Precedence
DGSINFO_AMHM_STG_DIM_DATA_LOAD	AMHM Dimension Data Load		E	
DGSINFO_BULK_KI_ASSESSMENT	This batch is to do assessment for Bulk KI for a given date.		E	
DGSINFO_CAMPAIGN	Data Quality batch for CAMPAIGN tables		E	
DGSINFO_COLLATERAL	Data Quality batch for Collateral tables		E	
DGSINFO_COLLECTION_AND_RECOVERY	Data Quality batch for Collection and Recovery tables		E	
DGSINFO_CREATE_CONTROL	Create Controls		E	
DGSINFO_CREATE_CONTROL_ASSESSMENT	This Batch is used to create Assessments for the Controls		E	
<input checked="" type="checkbox"/> DGSINFO_CREATE_GRANULAR_MAPPER	Create Granular mapper	FN_CREATE_GRANULAR_MAPPER	TRANSFORM DATA	
DGSINFO_CREATE_ISSUES	This batch is used for creation of Issues for a given MIS_DATE		E	
DGSINFO_CREATE_OP_CONTROLS	Batch to create Operational Controls		E	
DGSINFO_CREATE_OP_DQ_CONTROL	Create Controls		E	
DGSINFO_CRM	Data Quality batch for CRM tables		E	
DGSINFO_CUSTOMER	Data Quality batch for Customer tables		E	
DGSINFO_DATA_FOUNDATION_SCD	Data Foundation SCD for Loading Dimension Tables		E	

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Task Details + Add View Edit Delete

Task ID	Task Description	Metadata Value	Component ID	Precedence
<input checked="" type="checkbox"/> Task1	Create Granular mapper	FN_CREATE_GRANULAR_MAPPER	TRANSFORM DATA	

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3. In the **Task Description** column, select the **Create Granular mapper** batch to edit the task definition.
4. Run the batch **CREATE\_GRANULAR\_MAPPER** by passing Parameter List as '**GL**'  
This batch is used to load data from inter mediatory tables of Account drill down with the matching Report Line Code records in FCT\_MGMT\_REPORTING.

ORACLE Financial Services Data Governance for US Regulatory Reporting

Task Definition

Task ID: Task1 Description: Create Granular mapper

Components: TRANSFORM DATA

Dynamic Parameters List

Property	Value
Datastore Type	EDW
Datastore Name	DGSINFO
Primary IP For Runtime Processes	10.184.157.119
Rule Name	FN_CREATE_GRANULAR_MAPPER
Parameter List	'GL'

Audit Panel

Created By: DGSUSER Creation Date: 05 NOV 2015 06:40:14

Last modified by: DGSUSER Last Modification Date: 12 dec 2018 15:39:27

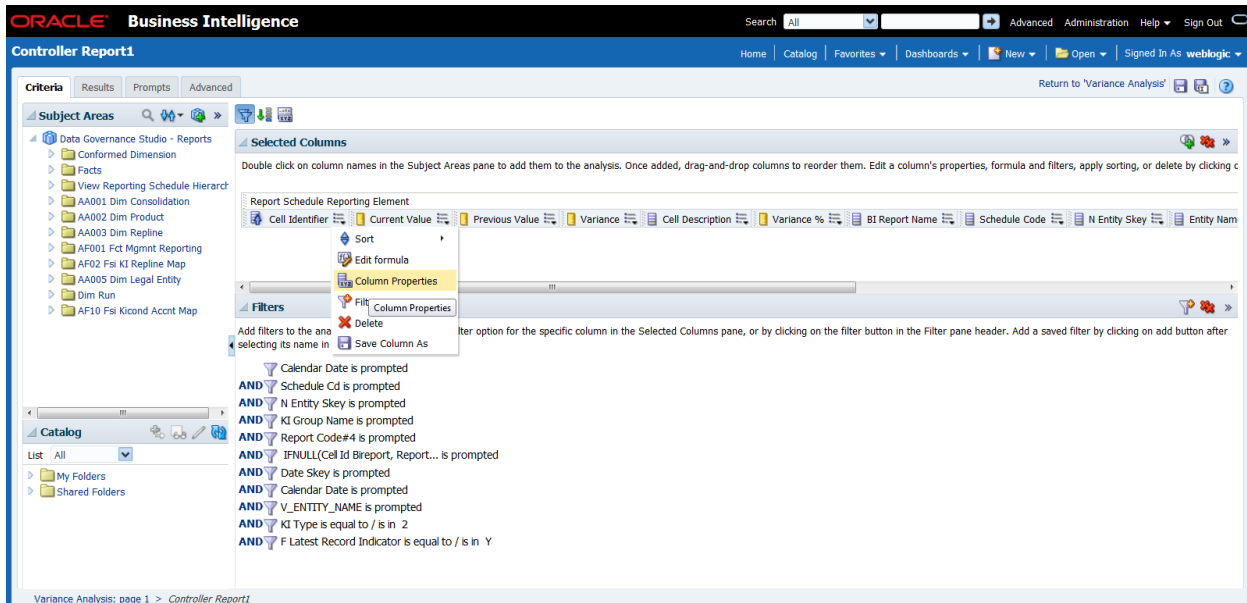
### 1.4.4 Configuring the Parameter for Granularity drill-downs

Perform the following steps for post-installation configuration of Data Management Application Pack:

1. Click **Edit** in Variance Analysis.

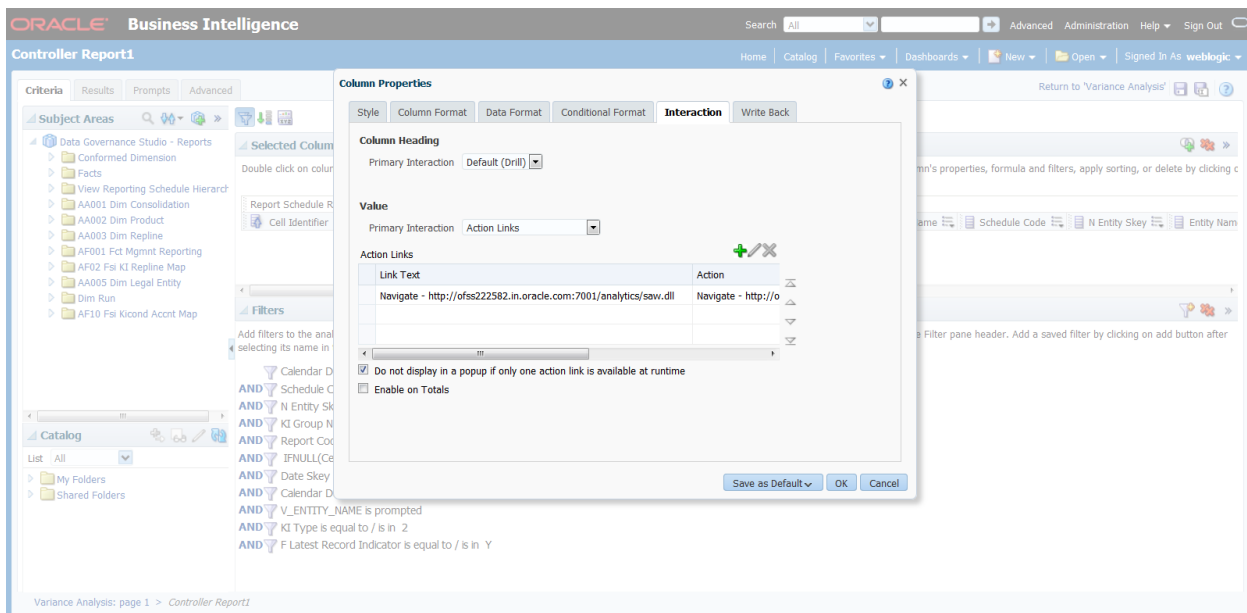
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2. In the **Criteria** tab, navigate to **Cell Identifier**, and then click **Column Properties**.



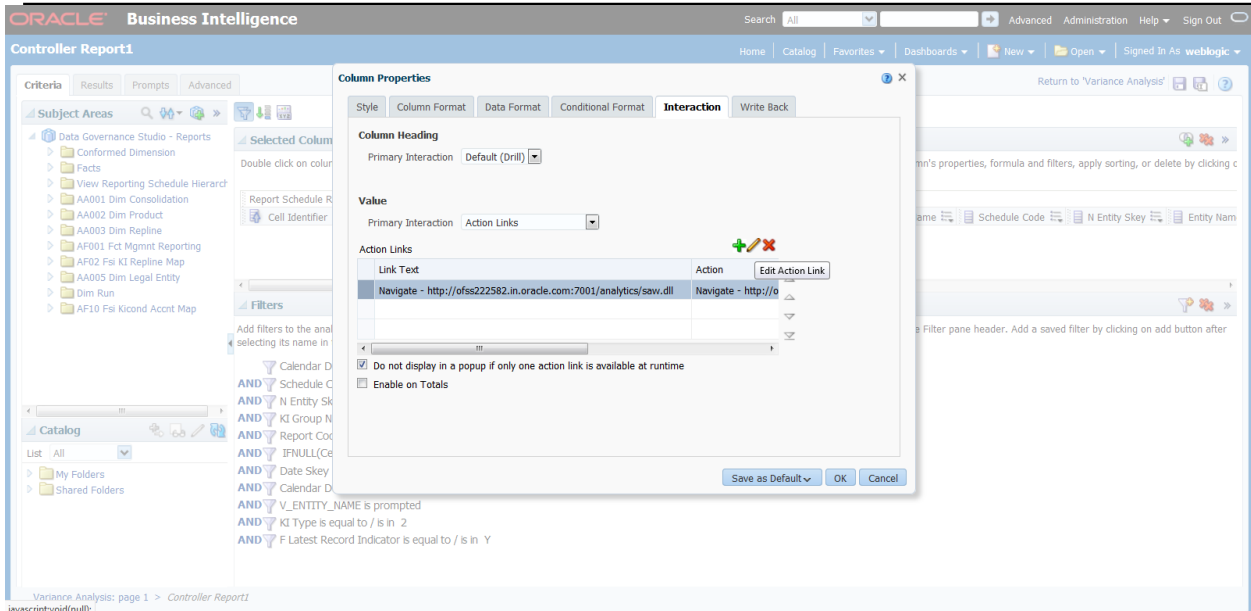
The **Column Properties** window appears with the **Style** tab open by default.

3. Click the **Interaction** tab.

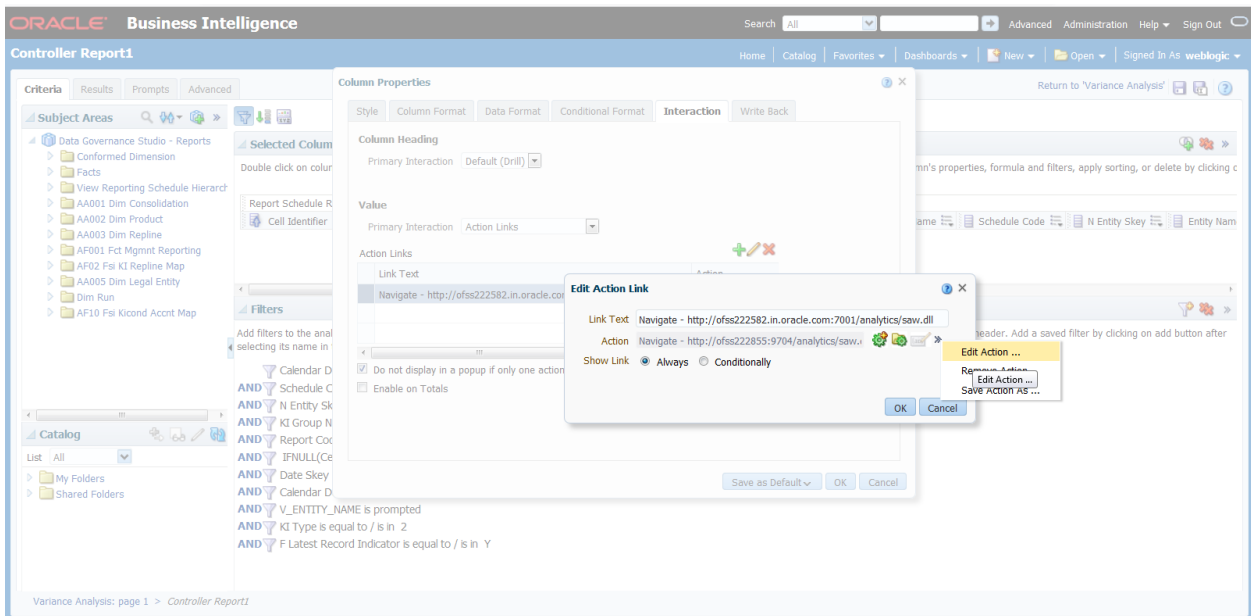


4. In the **Link Text** column, click the **Edit Action Link**.

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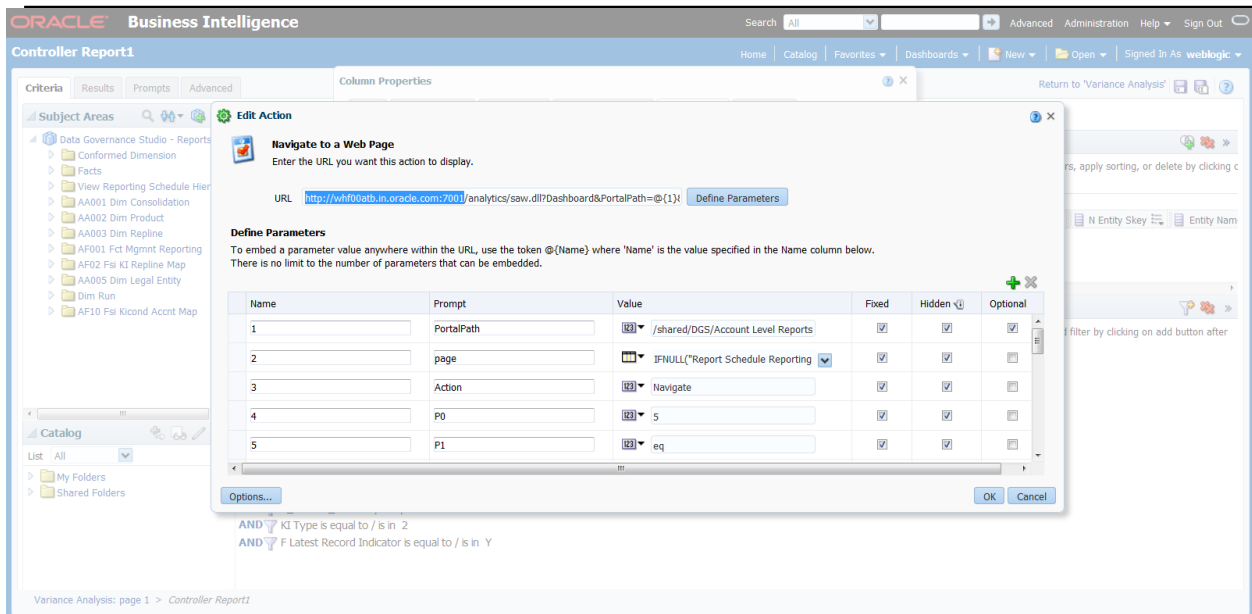


## 5. Click Edit Action.

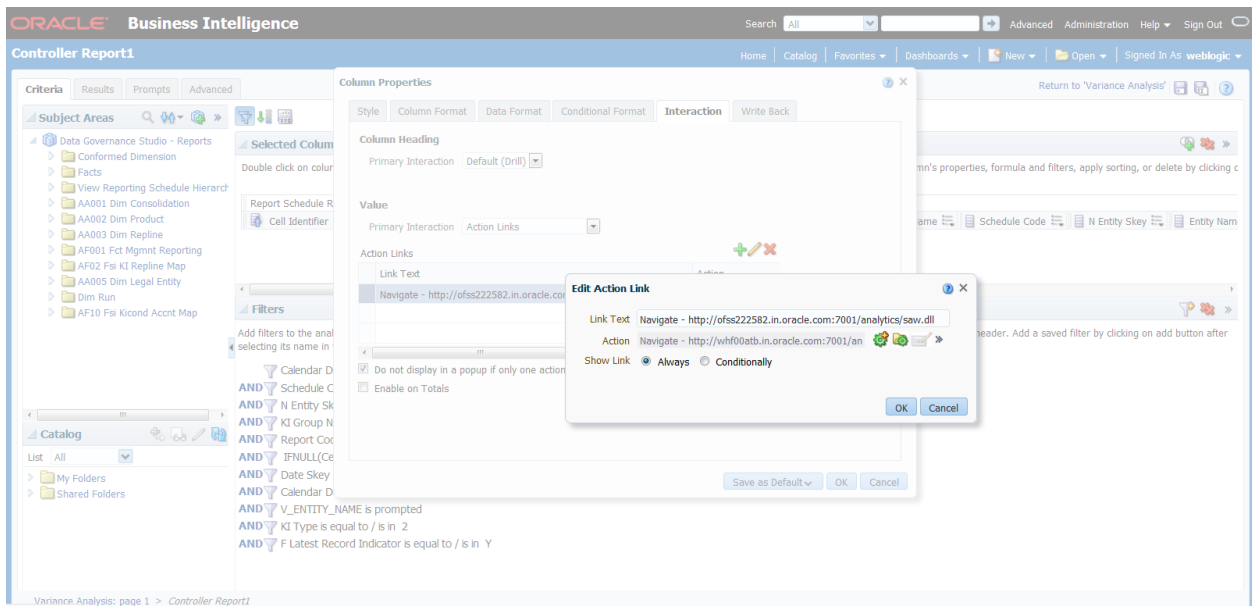


## 6. Enter the analytics URL

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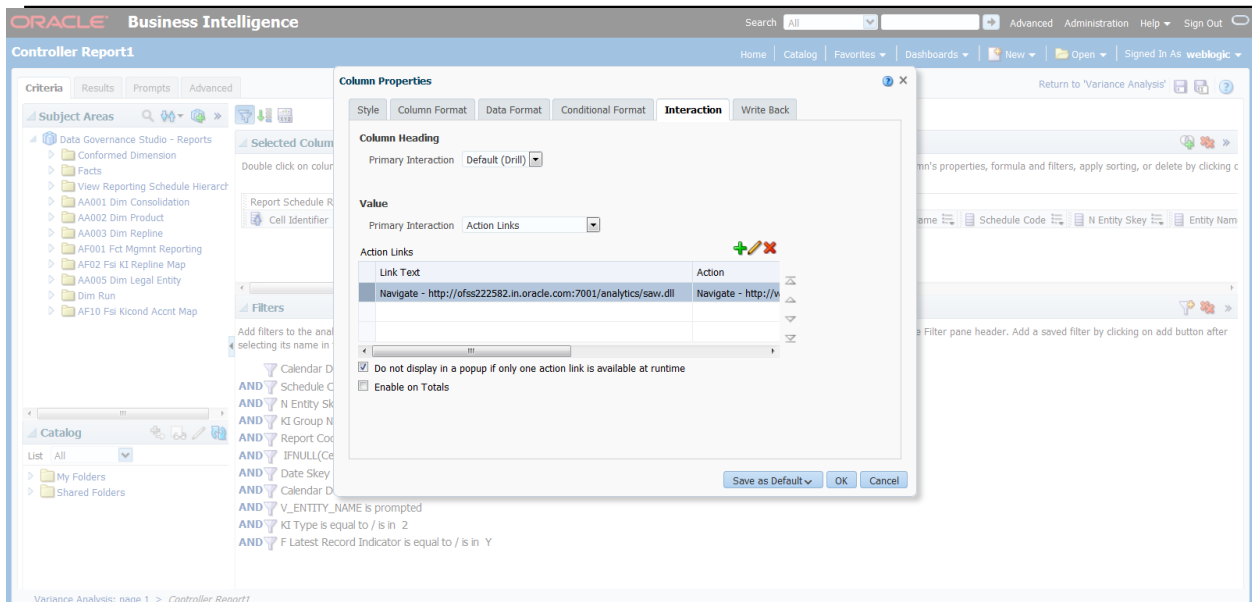


7. Click **OK**.

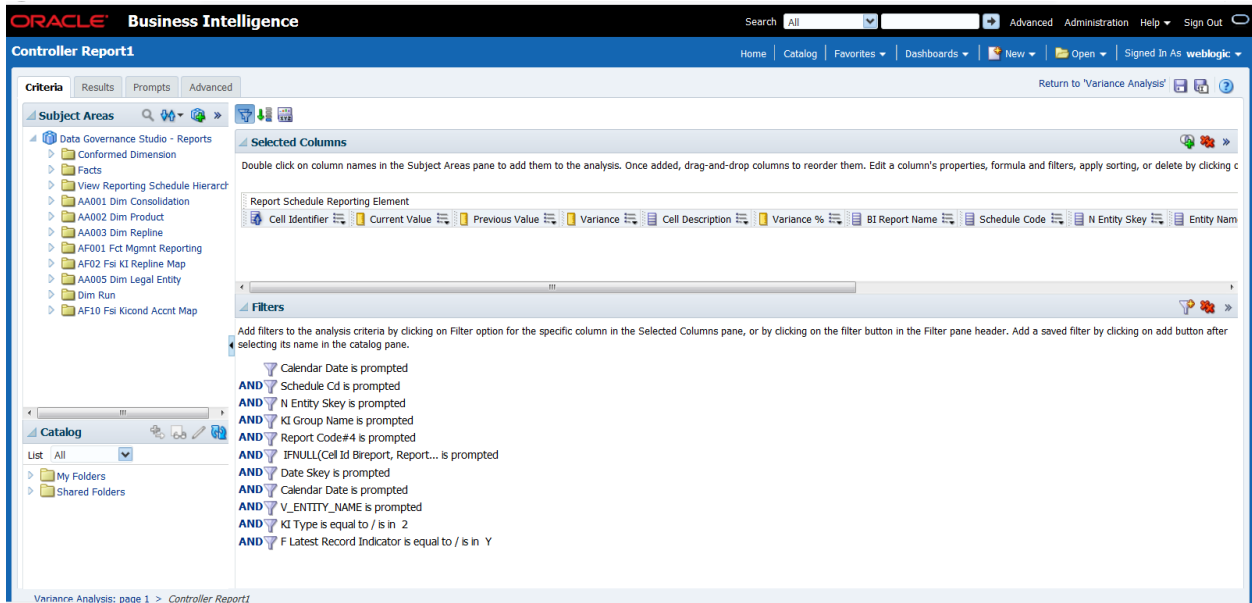


8. Click **OK**.

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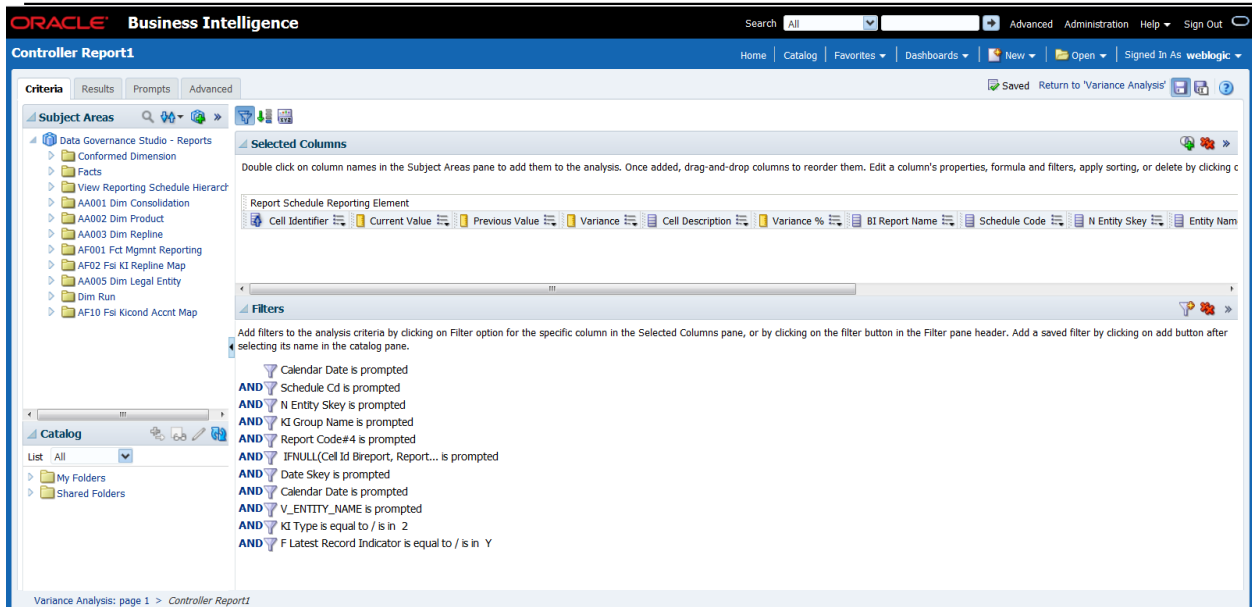
9. Click **OK**.



10. Click **Save Analysis**.

The analysis is saved.

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OFS Data Management Pack  
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