

Noetix Views 6.5.1 Upgrade Document

Date	Author	Version	Comments
05/19/16	Srini Akula	1.0	Initial Version

Purpose: Instructions for migration of code for Noetix Views from source to target instances

Source Instance: EBSJD1

Target Instance: EBSDEV

Prerequisites

Software Upgrade

Who : Noetix Administrator

Note : Before start upgrading the exiting schema, the existing Noetix Views 6.3 software needs to be upgraded to Noetix Views 6.5.1

OBIEE

Who: OBIEE Administrator

- Bring Down OBIEE Services
- Check Weblogic Services are up

APPS Schema

Who : Noetix DBA

NA

VSCON Schema

Who : Noetix DBA

- Connect to the VSCON schema via TOAD
- Run the following statements

NA

NOETIX_VIEWS Schema

Who : Noetix DBA

NA

OBIEE RPD Generation Scripts

Who : Noetix DBA

- Navigate to the path "E:\Noetix\Noetix Generator for Oracle Business Intelligence\Scripts"
- Copy the scripts available in the below .zip file

//Support/IT/IT_Application_Development/DEVELOPMENT/NOETIX/
Upgrade Scripts/Generator Upgrade Scripts.zip (Version# 2)

- Replace the .zip file scripts with the scripts in "E:\Noetix\Noetix Generator for Oracle Business Intelligence\Scripts"

Migration Steps

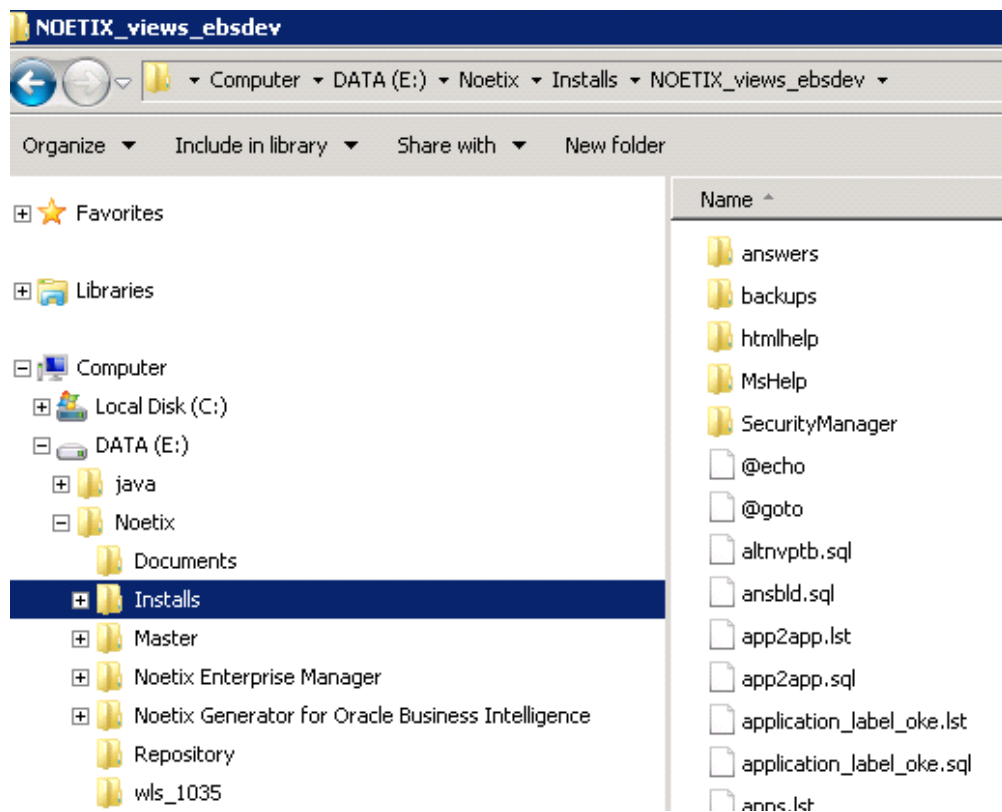
Note: All steps are explained with example and screenshots of similar steps in Development (un-masked) environments (wdc1bitoolst01, EBSPJD1).

Task: 1 - Logon and Backup of Noetix Scripts Folder

Who: Noetix Admin

Connect to the Target Environment of Noetix Software (ex-wdc1bitoolst01). Under the Noetix Software installation folder, take the backup of following folder in a Backup Directory for future restoration purpose.

	Path	Backup Directory	Description
Backup	(E:\Noetix\Installs\Backups\Test Backups); create a directory with timestamp like 05302016	NOETIX_views_<<sid>> (ex - NOETIX_VIEWS_ebsdev)	



Task: 2 - Get the new Noetix Package from Perforce**Who: Noetix Admin**

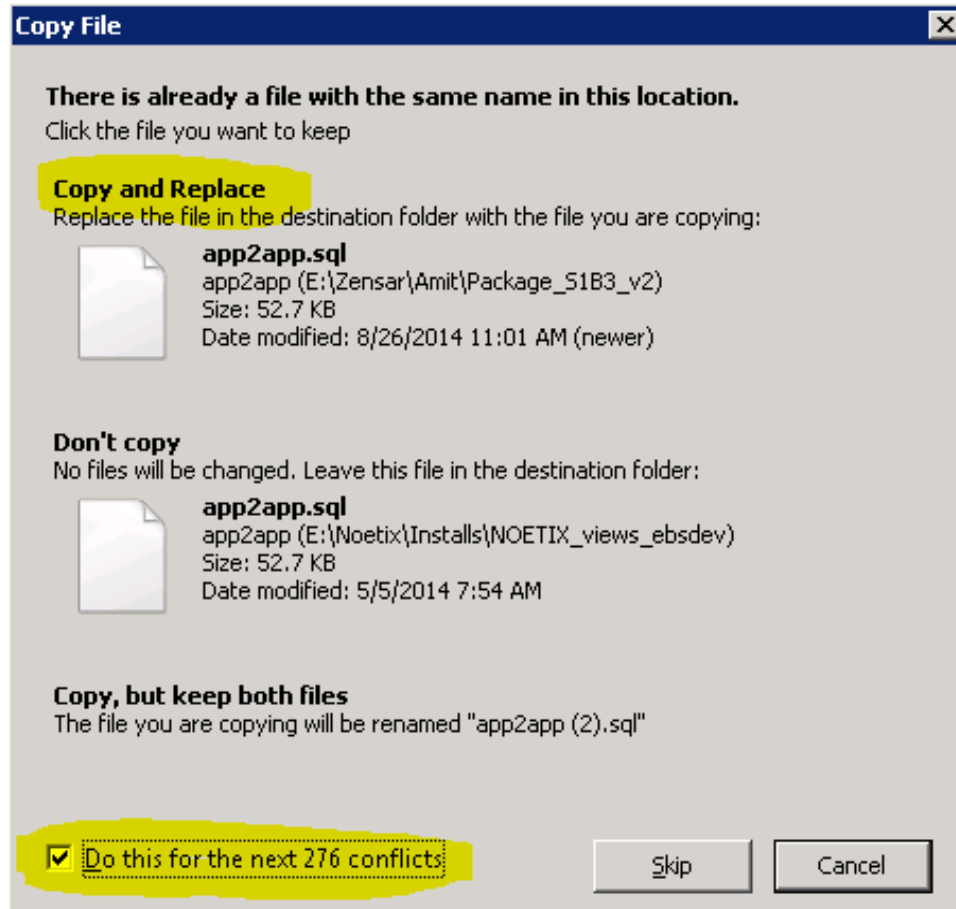
Below is the perforce path for the Noetix Package for this migration

Object Name	Object Type	Perforce Path	Revision
ViaSat_Noetix_Customizations_Upgrade_Pkg_Dev	Workbench Package	//Support/IT/IT_Application_Development/DEVELOPMENT/NOETIX/Upgrade Scripts	1

Task: 3 – Copy the new Package content into Noetix Scripts Directory**Who: Noetix Admin**

- Unzip the package received from Perforce above, into a temp directory.
- Copy the content of this package in the Noetix Scripts folder below.
- For the warning message “already a file with same name in this location”, Please select “Copy and Replace” and “do this for all conflicts” as shown below.

	Target Path	Target Directory	Description
Copy Content	<<drive>>:\Noetix\Installs\ (ex - D:\Noetix\NoetixViews\Installs)	NOETIX_views_<<sid>> (ex - NOETIX_VIEWS_ebsdev)	

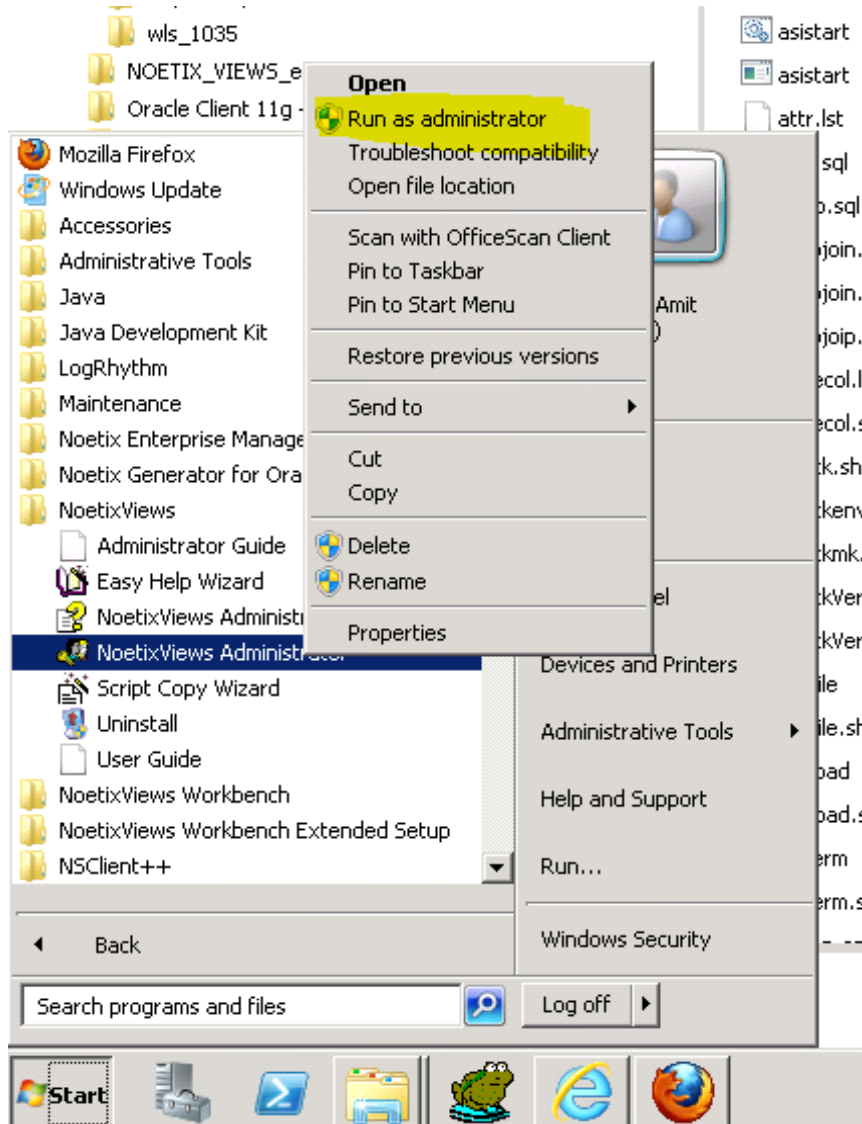


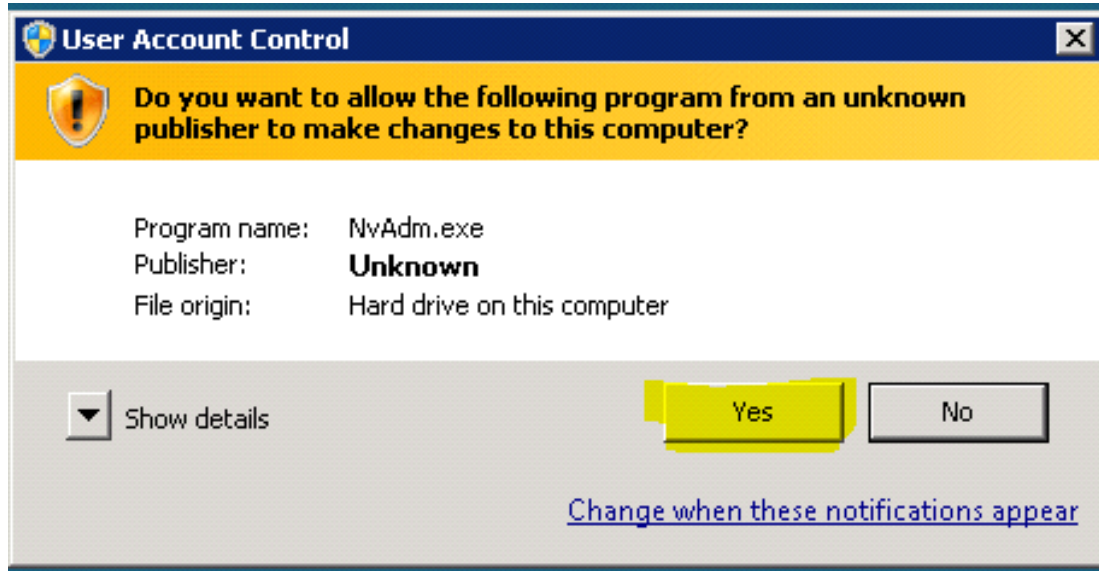
Task: 4 – Run Preupdates

The pre-update process can be initiated by clicking the Pre-Update Script on the Tools menu (or) selecting SQL Plus option and run the preupd.sql file.

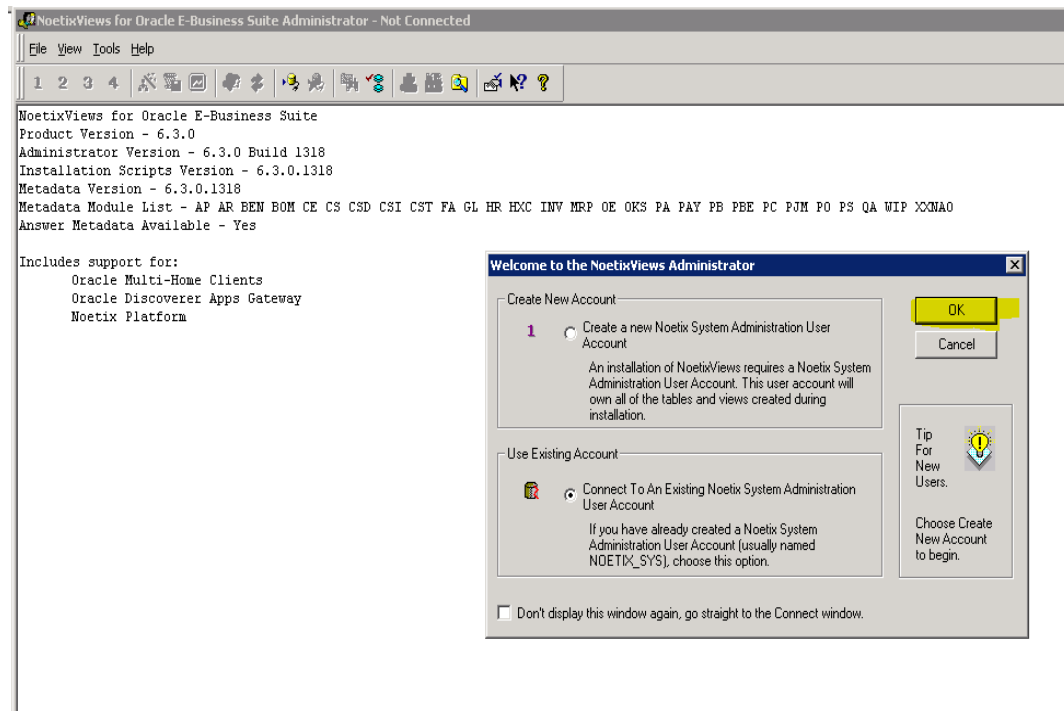
This script prepares your generation for an upgrade of NoetixViews.

- Run “Noetix Views Administrator” (Start >> All Programs >> NoetixViews >> NoetixViews Administrator) as Administrator

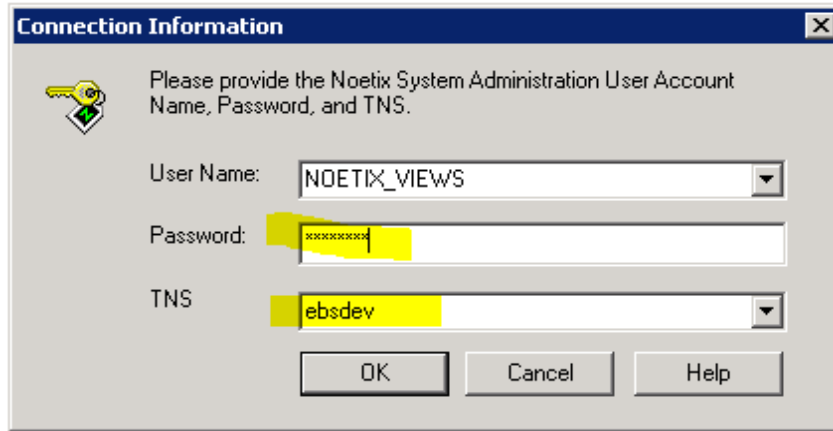




- Select “Connect To An Existing Noetix System Administrator User Account” and
- Click OK



Ensure the User Name is the Target Schema name of Noetix and TNS is the Target Database SID.



Connection Information

Please provide the Noetix System Administration User Account Name, Password, and TNS.

User Name: NOETIX_VIEWS

Password: [REDACTED]

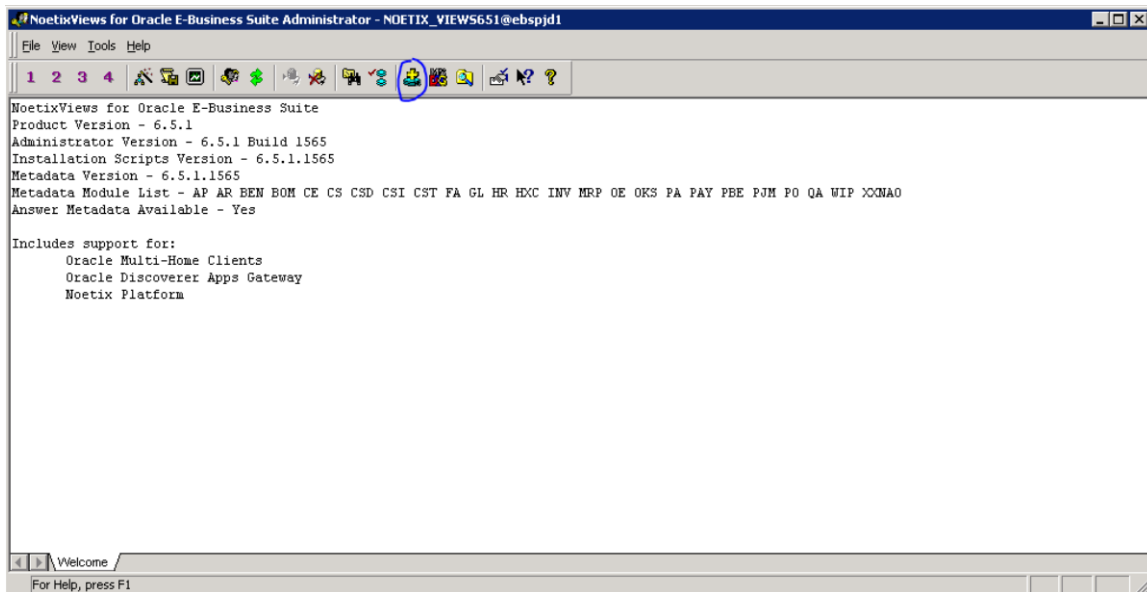
TNS: ebsdev

OK Cancel Help

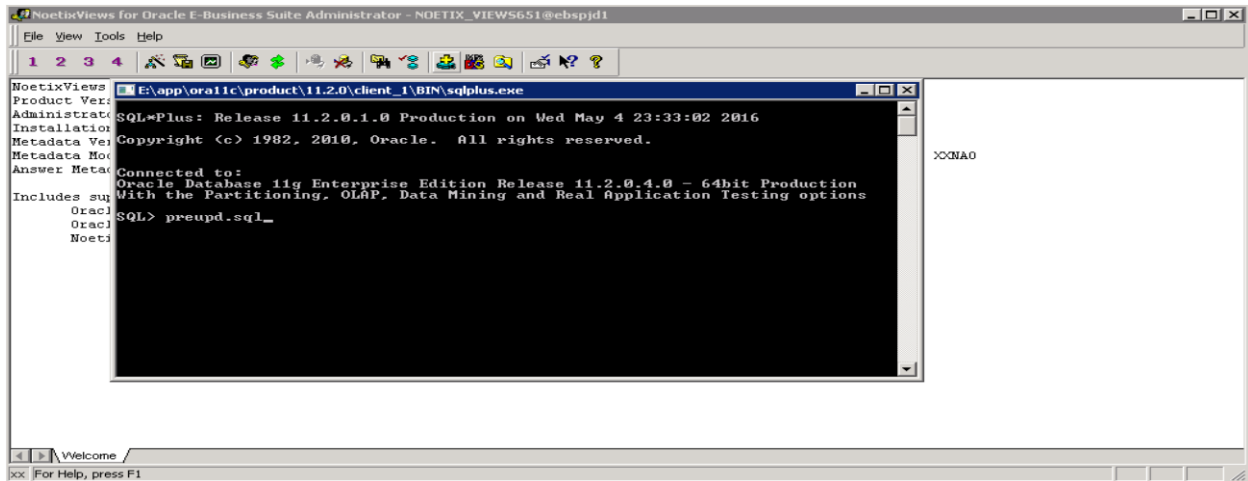
	User Name	Password	TNS
EBSPJD1 example values	NOETIX_VIEWS	welcome1	EBSPJD1

Click OK. It will open the Noetix Views Generation screen.

Click on SQL Plus option/button as shown below to run the preupd.sql script.



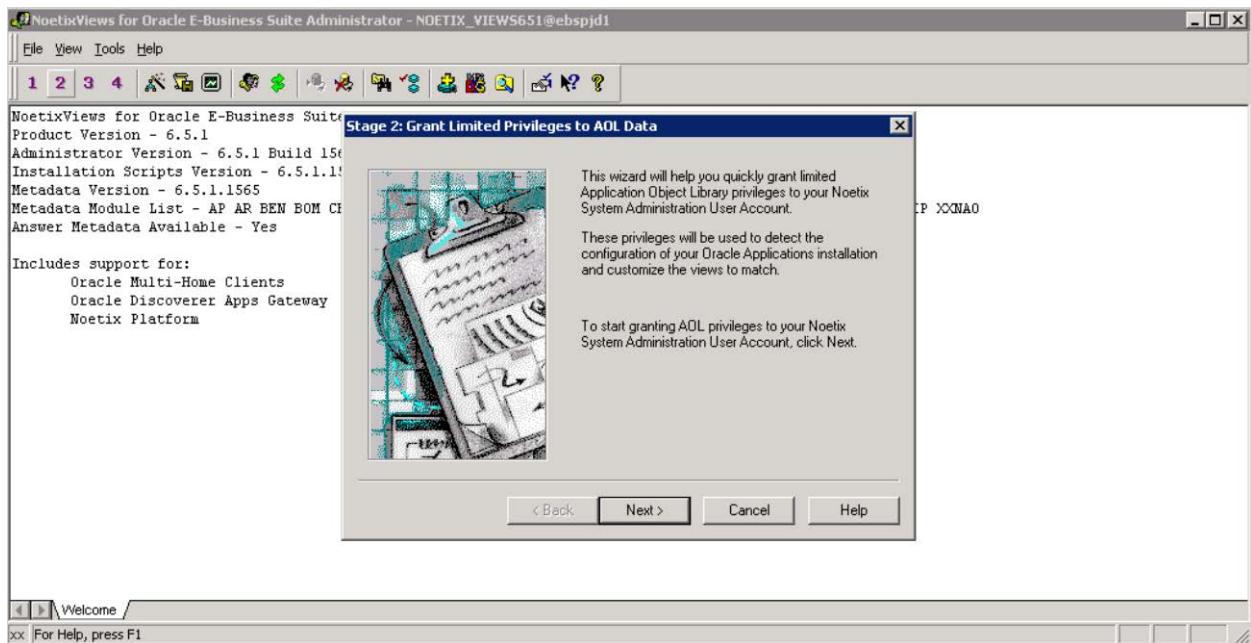
Run preupd.sql script mentioned like below



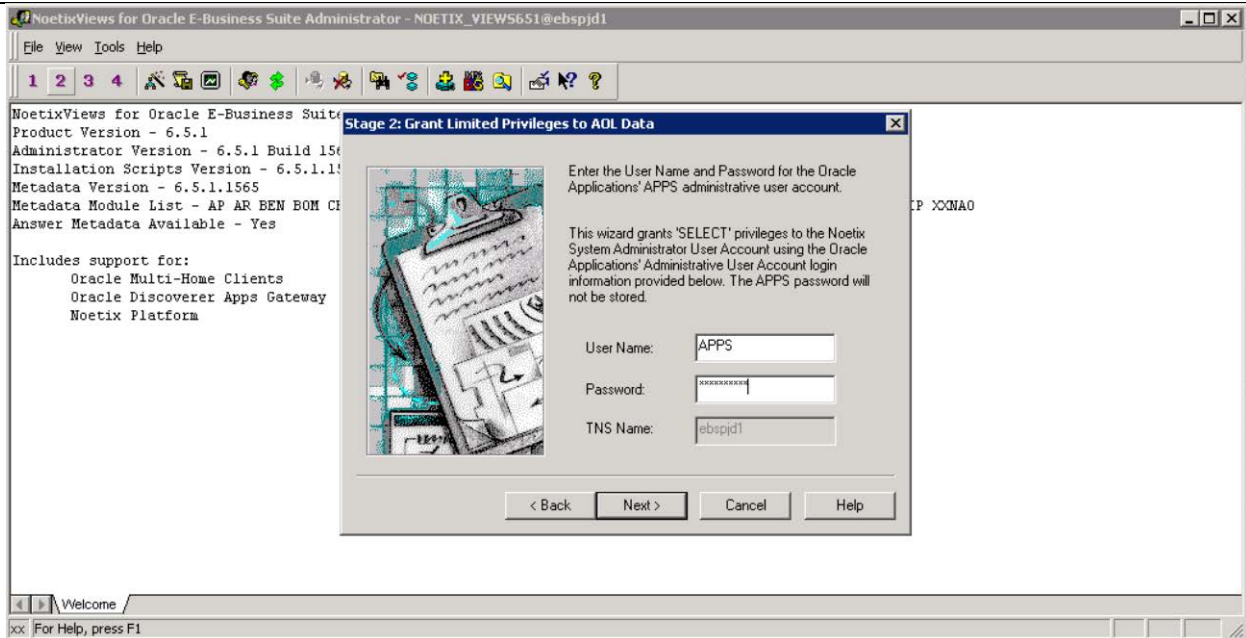
After preupd.sql completed. Close the SQL window and start running the stage-2.

Run Stage 2

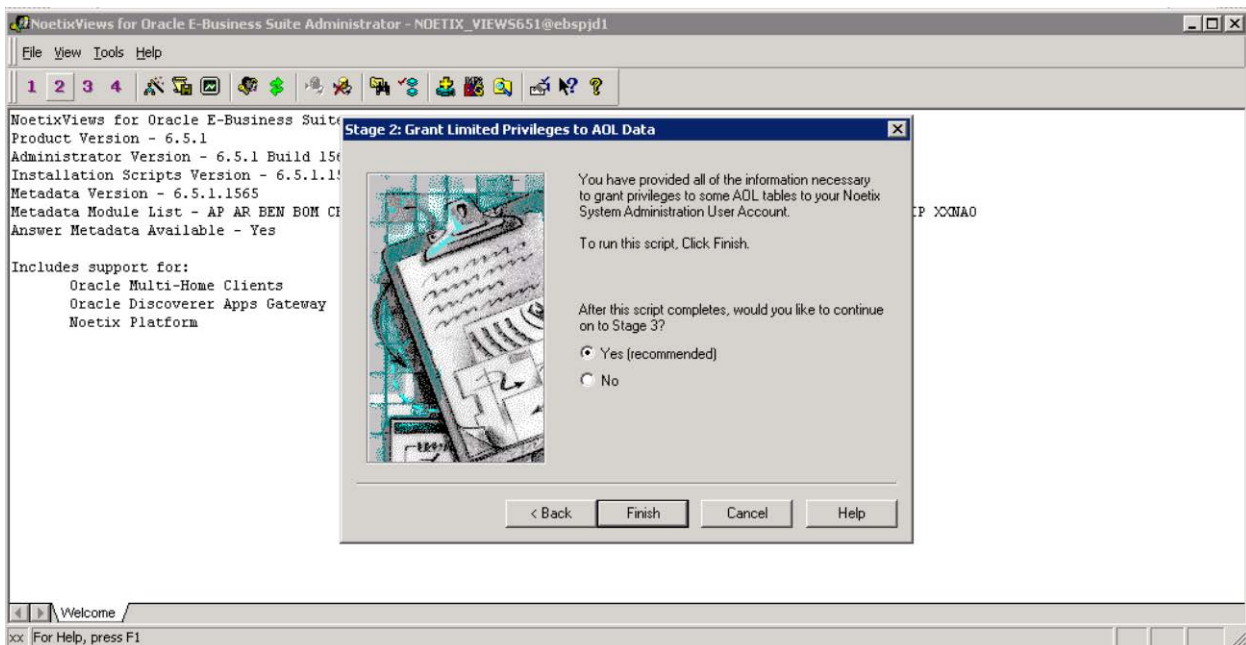
Click on **2** button to start the Stage 2.



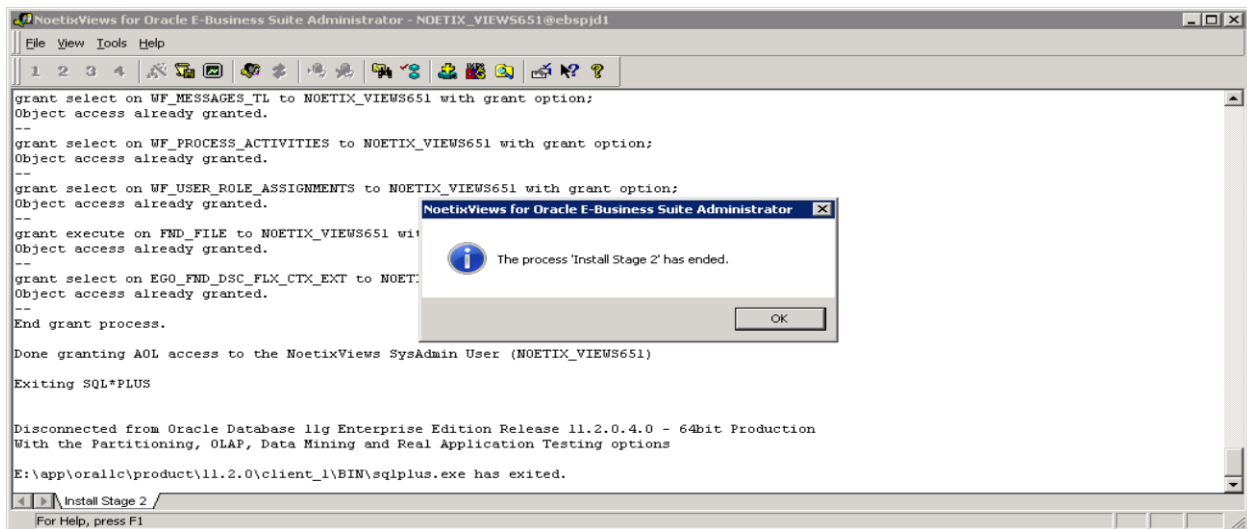
Click Next



Enter 'APPS' password and Click Next



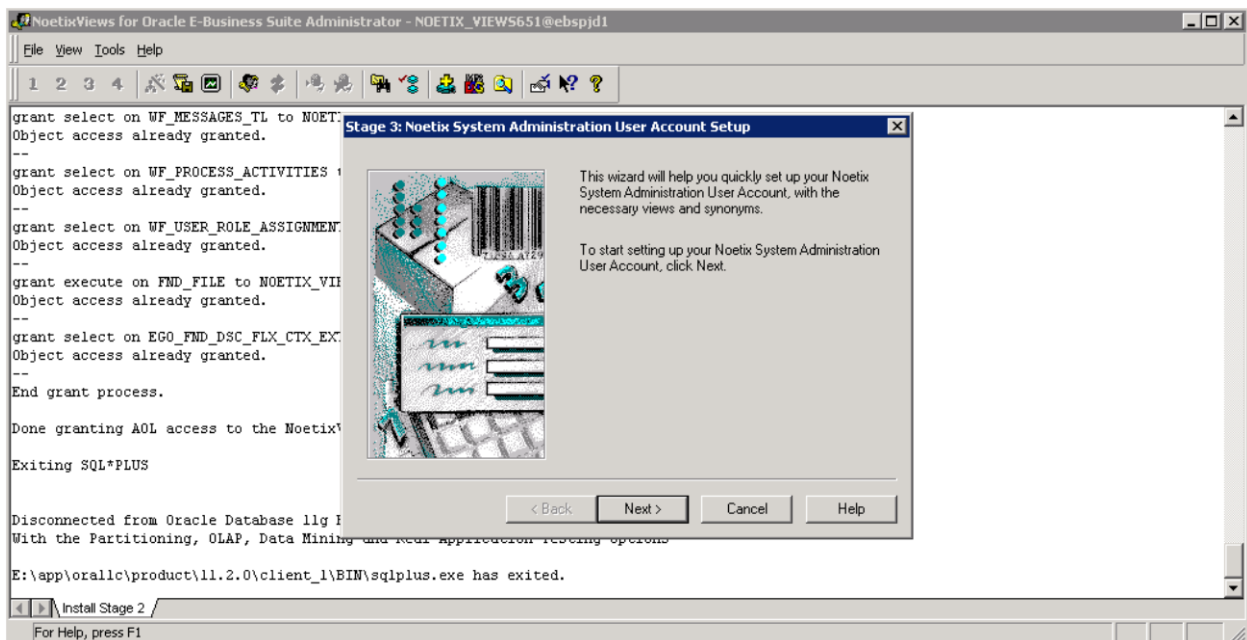
Click Finish button.



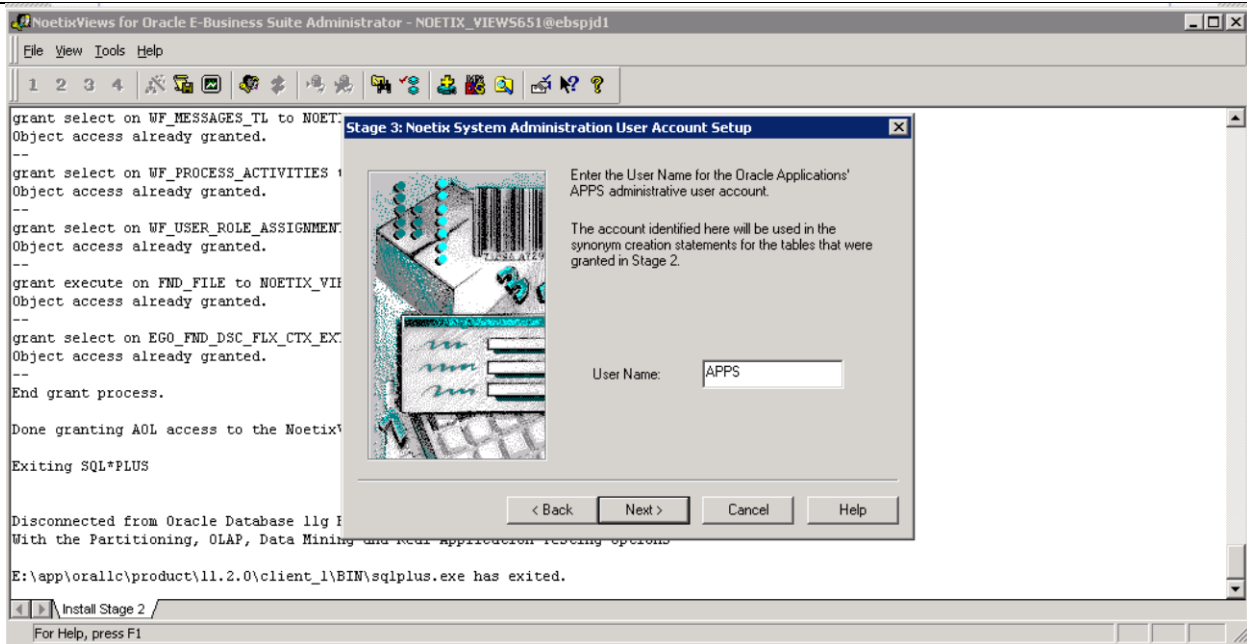
Click OK button. It will initiate 'Stage 3' process.

Stage 3

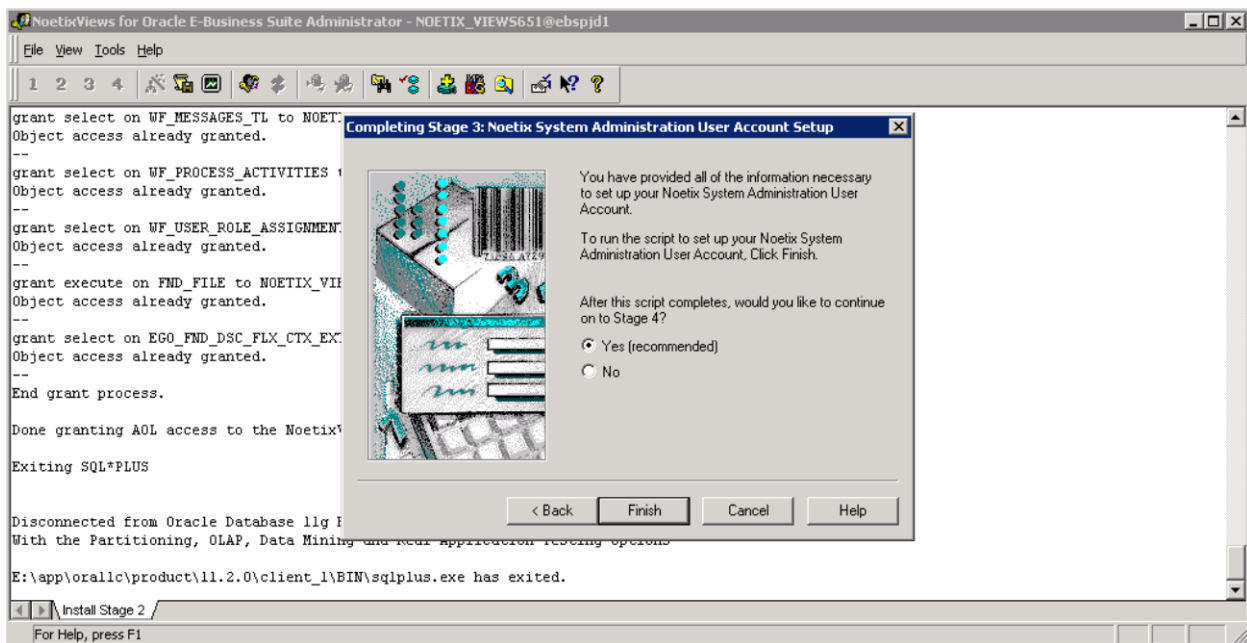
Click on **3** button to start the Stage 3.



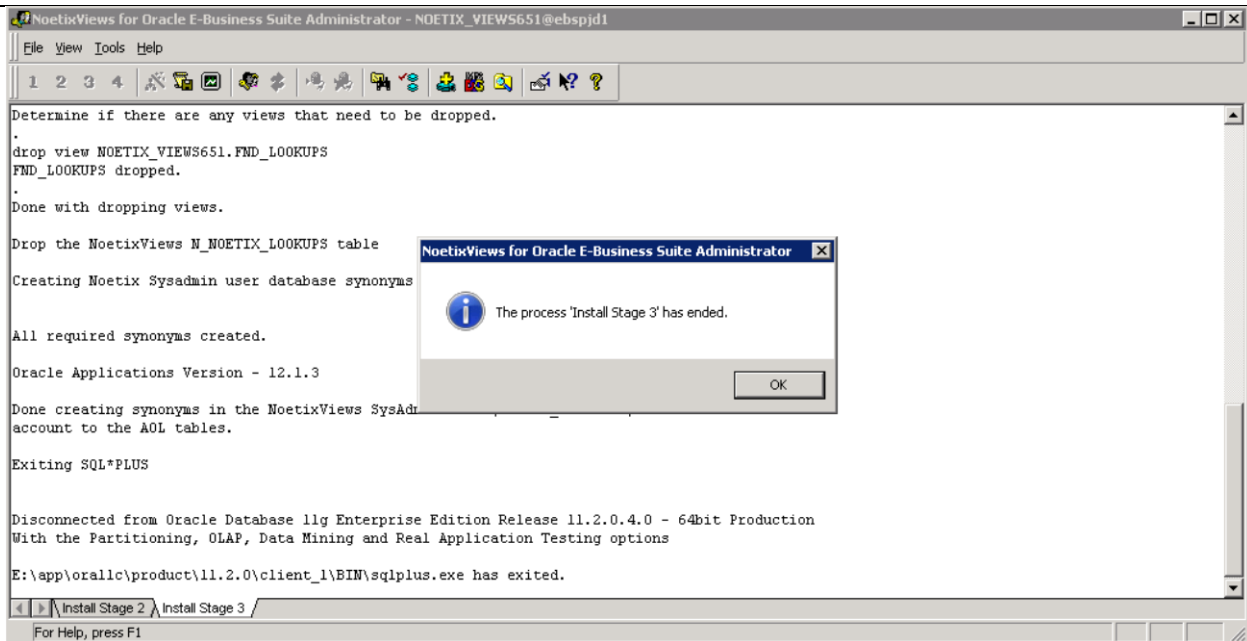
Click Next.



Click Next



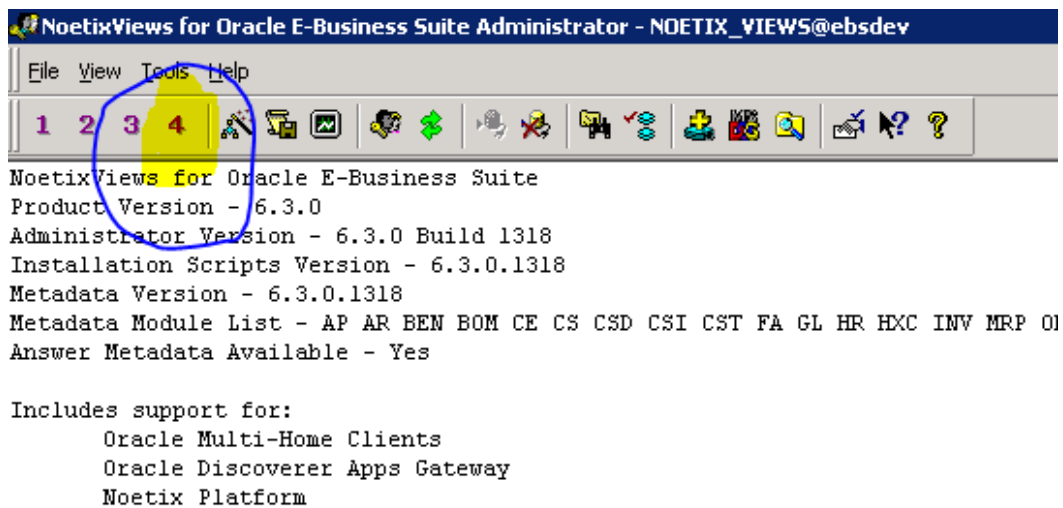
Click Finish button. It will Start the Stage 4.



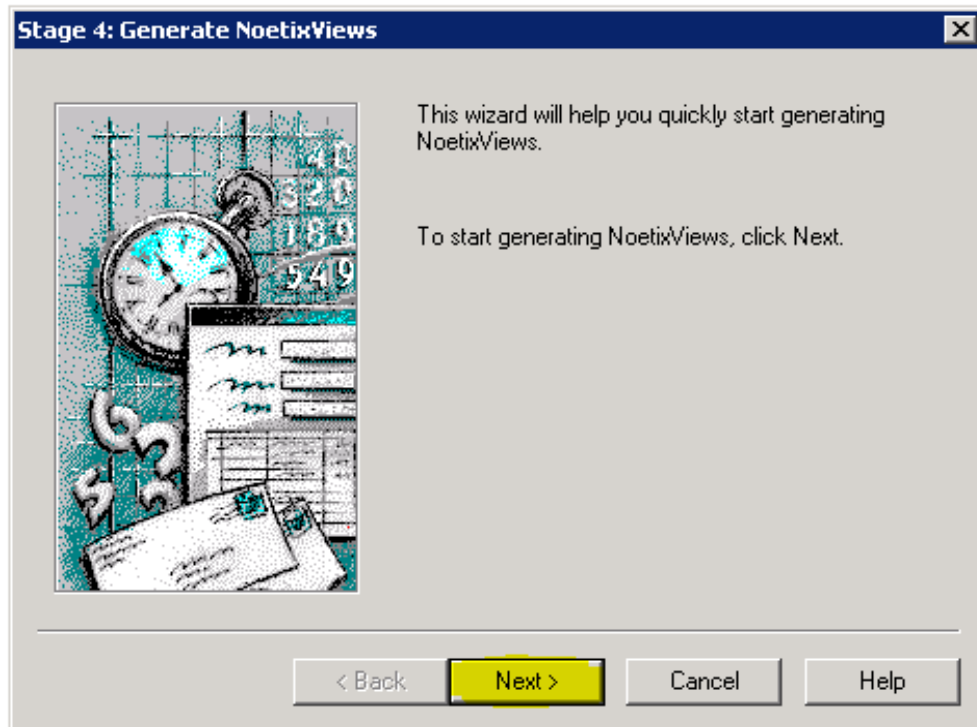
Click Ok.

Run Stage 4

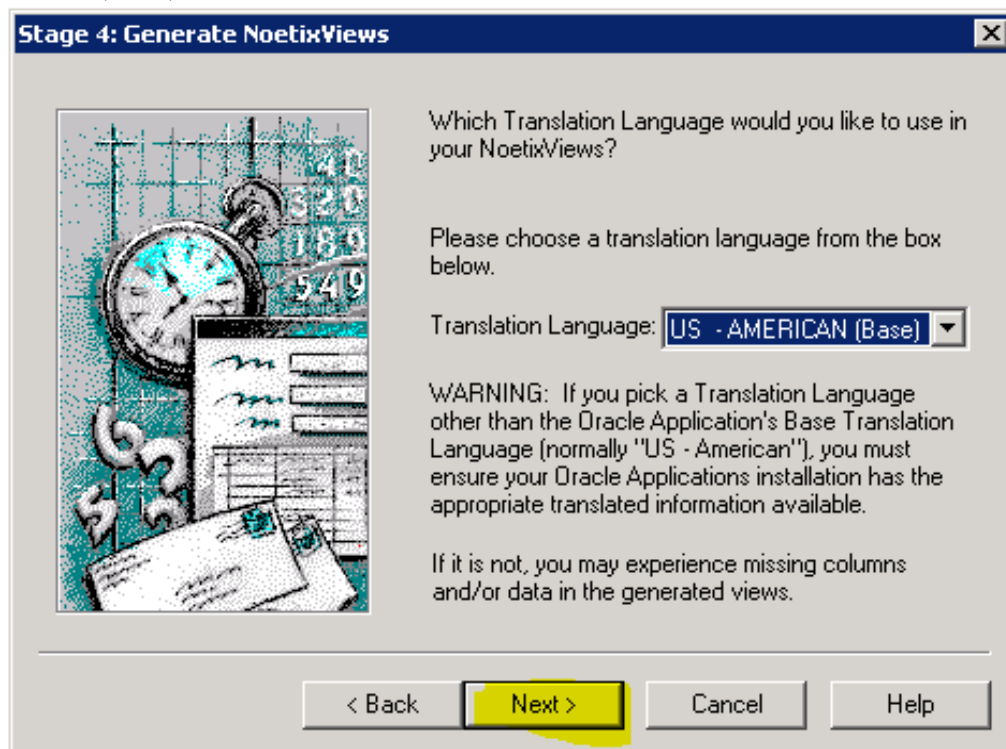
Click on **4** button to start the Stage 4.



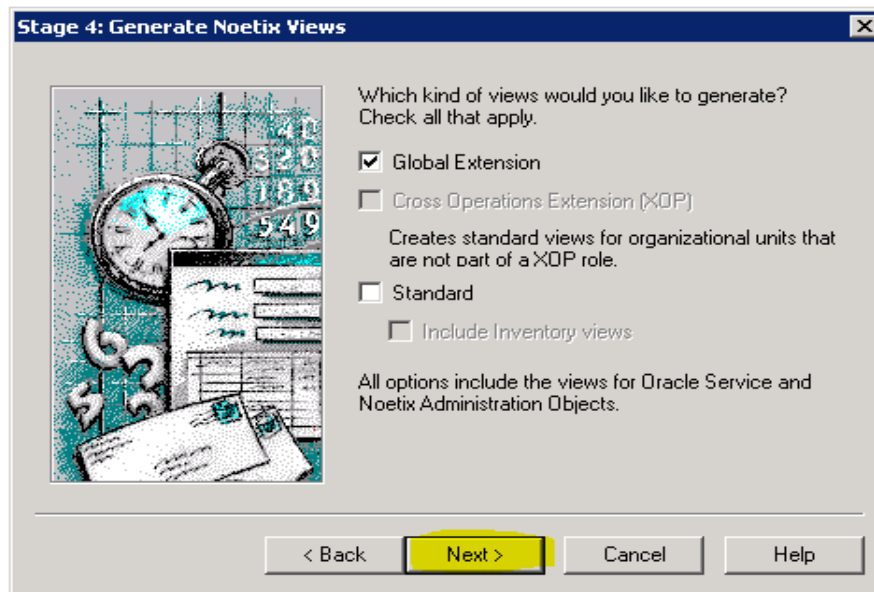
- This will start the Wizard to take values for starting the Stage 4.
- Click Next on first screen.



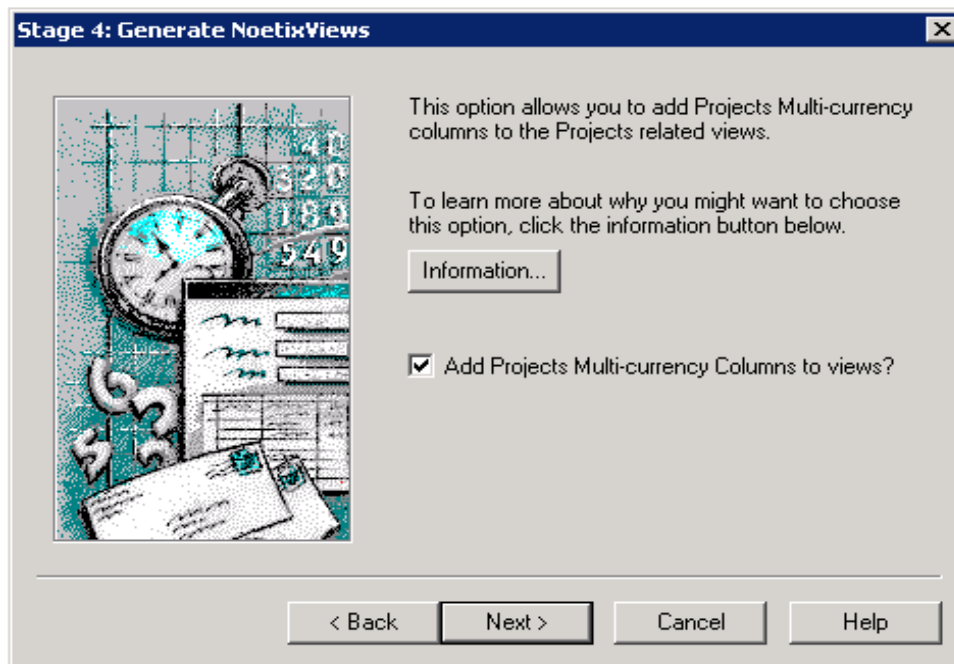
- In the next screen, take the default value of Translation Language as US – American (Base) and click on Next.



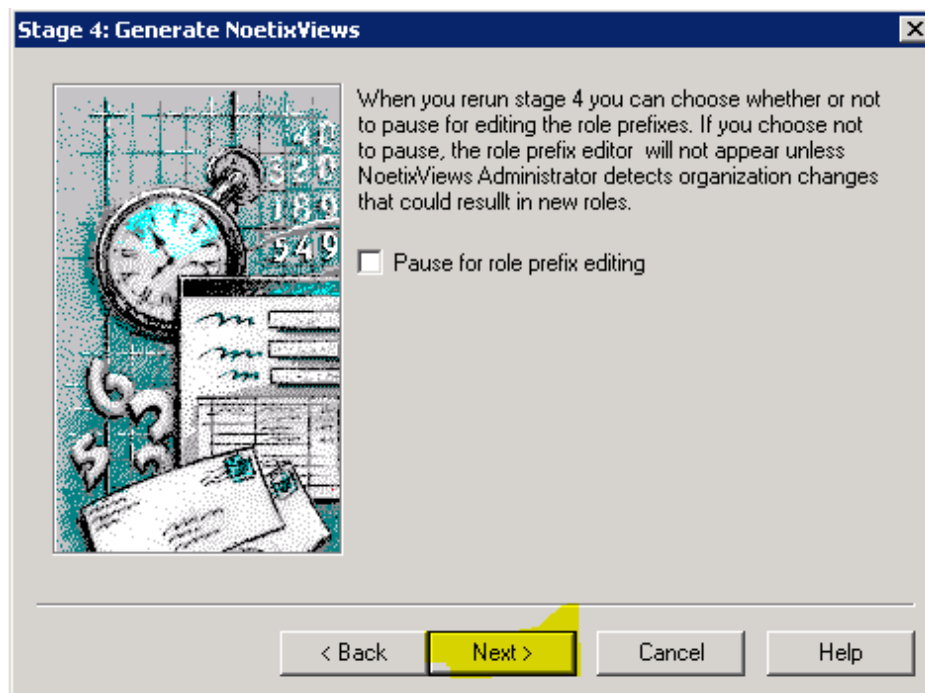
- In the next screen, ensure only “Global Extension” is selected and “Standard” is NOT selected. Click Next.



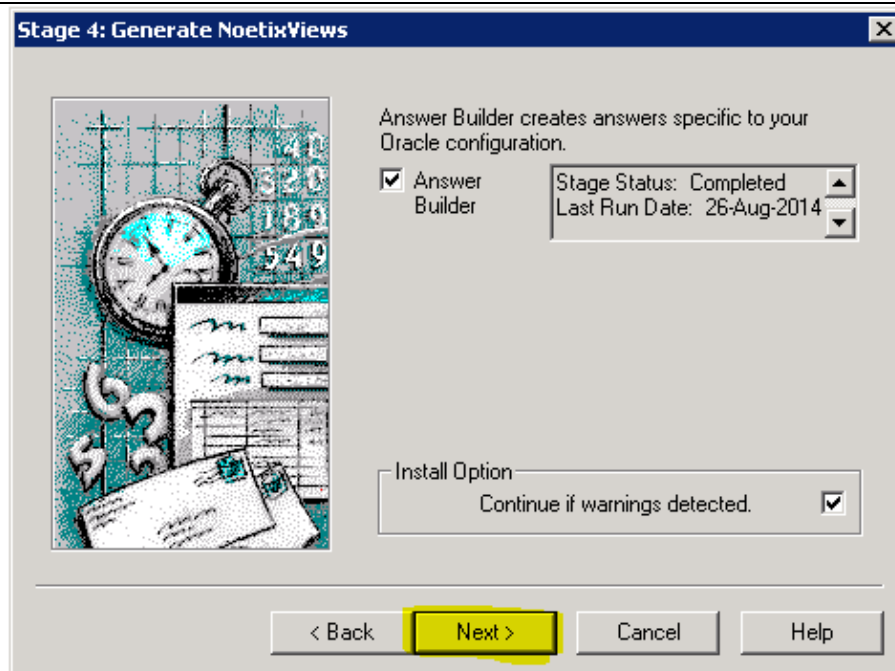
- In the next screen, ensure the check box for “Add Projects Multi-currency to views” is selected. Click Next.



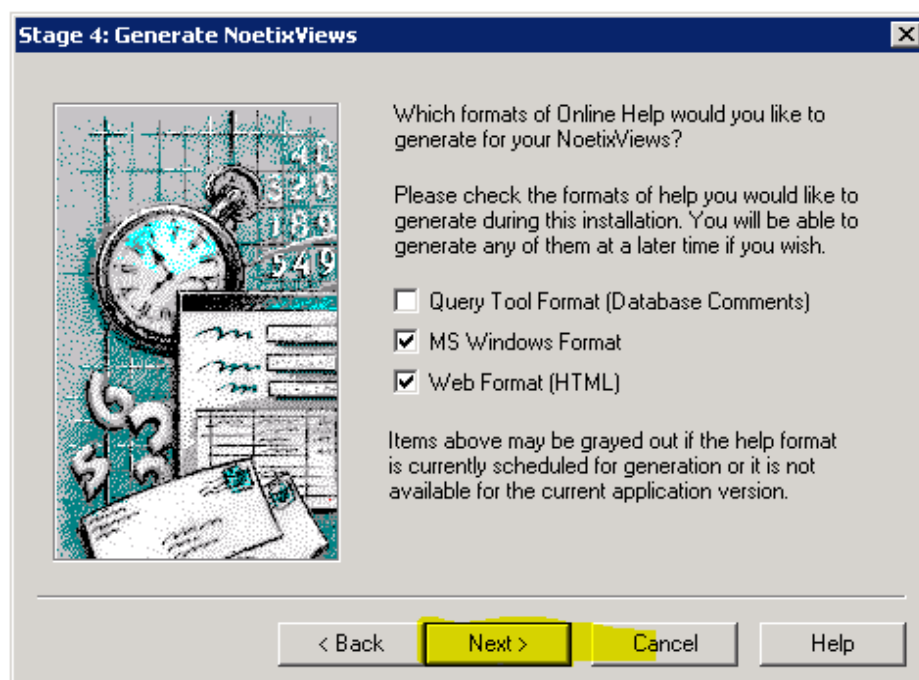
- We are not editing Roles prefix. So, do NOT select check box “Pause for role prefix ending” and click next.



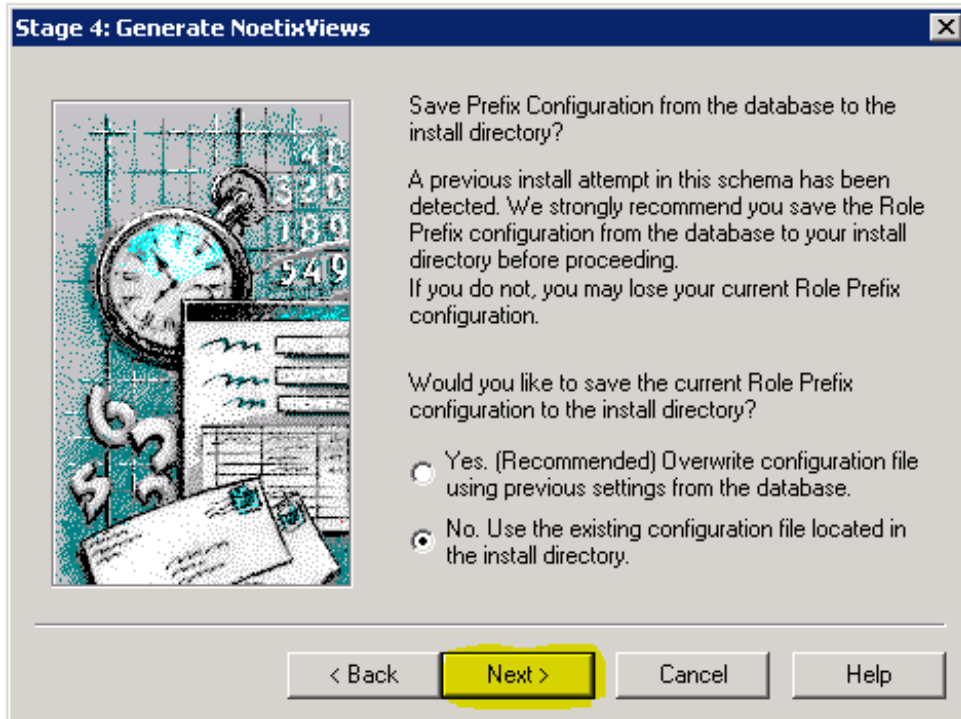
- In the next screen, select “Answer Builder”. Click Next.



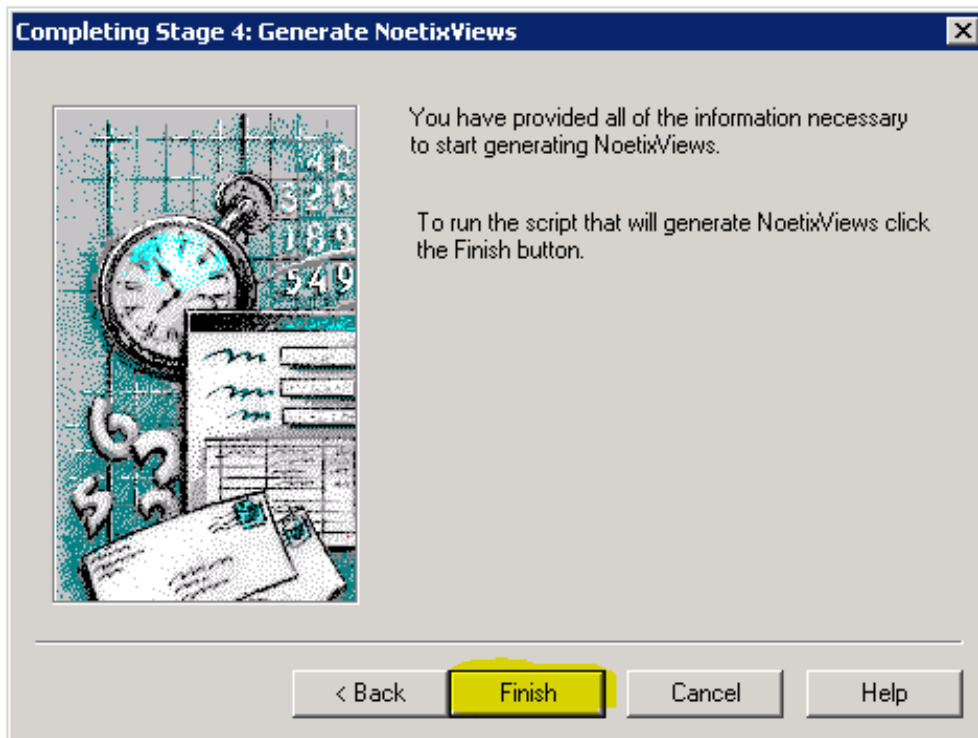
- In the next screen, select required Help Format to generate (ex – MS Windows and Web Format). Click Next.



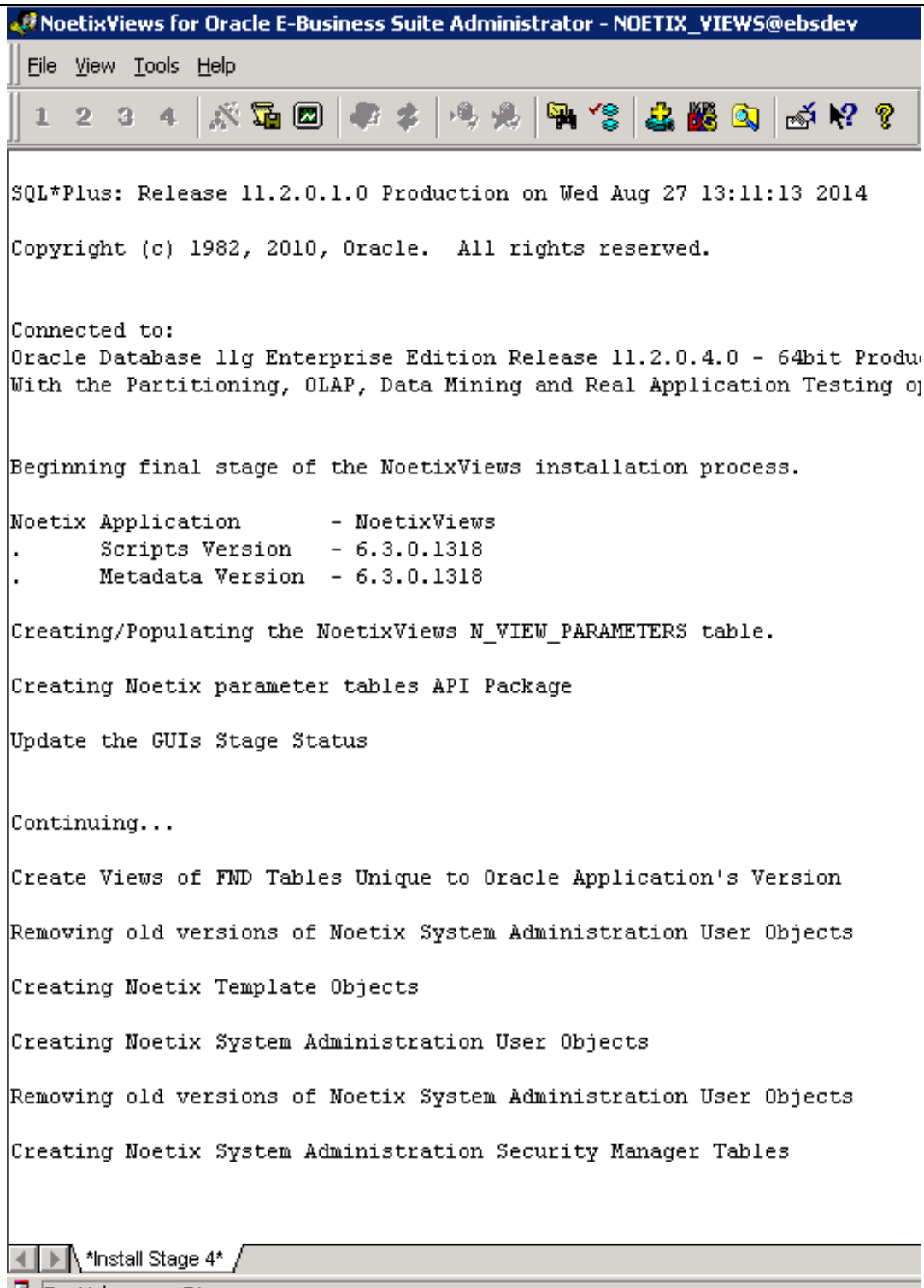
- In the next screen, select the radio button “No, Use the existing configuration file located in the install directory” and click Next.



- This should bring you to last screen. Click Finish.




- After the completion of configuration wizard for Stage 4, the regeneration will start as shown below.



⤴ After approximately 10-15 minutes, the tool will request for the “APPS” schema password. Provide the right password of EBS APPS schema as appropriate for the Target Database.

Get Passwords Wizard page 1 of 1 [X]



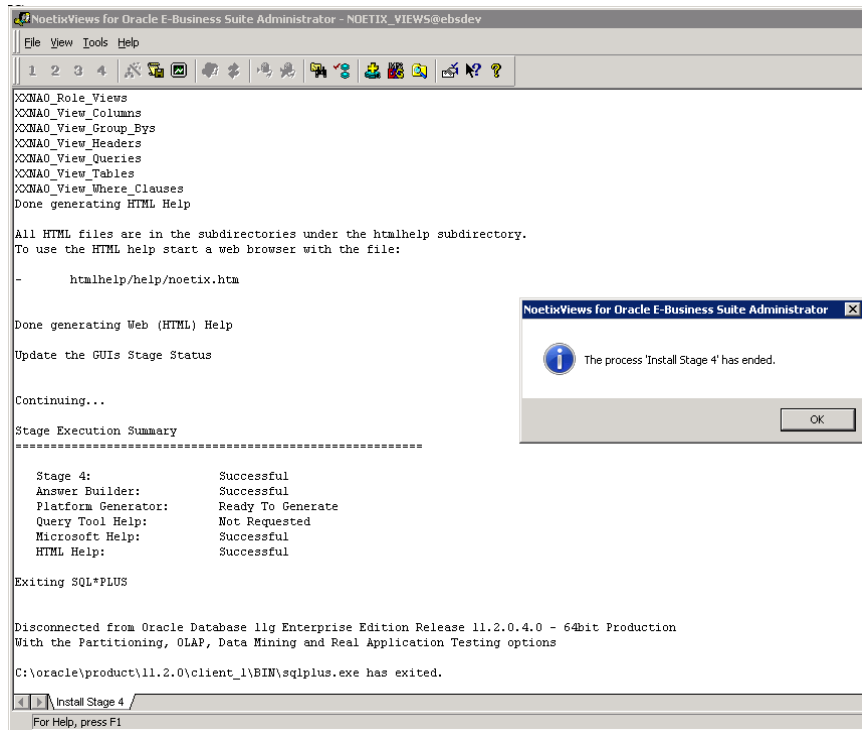
This step allows the installer to use information from the specified account.

User Name:

Password:

< Back Finish Cancel Help

- After another 30-35 minutes, the regeneration should complete with following message.



This Concludes the Noetix View Regeneration in the Target Database.

Task: 5 – Start OBIEE RPD and Application Roles generation

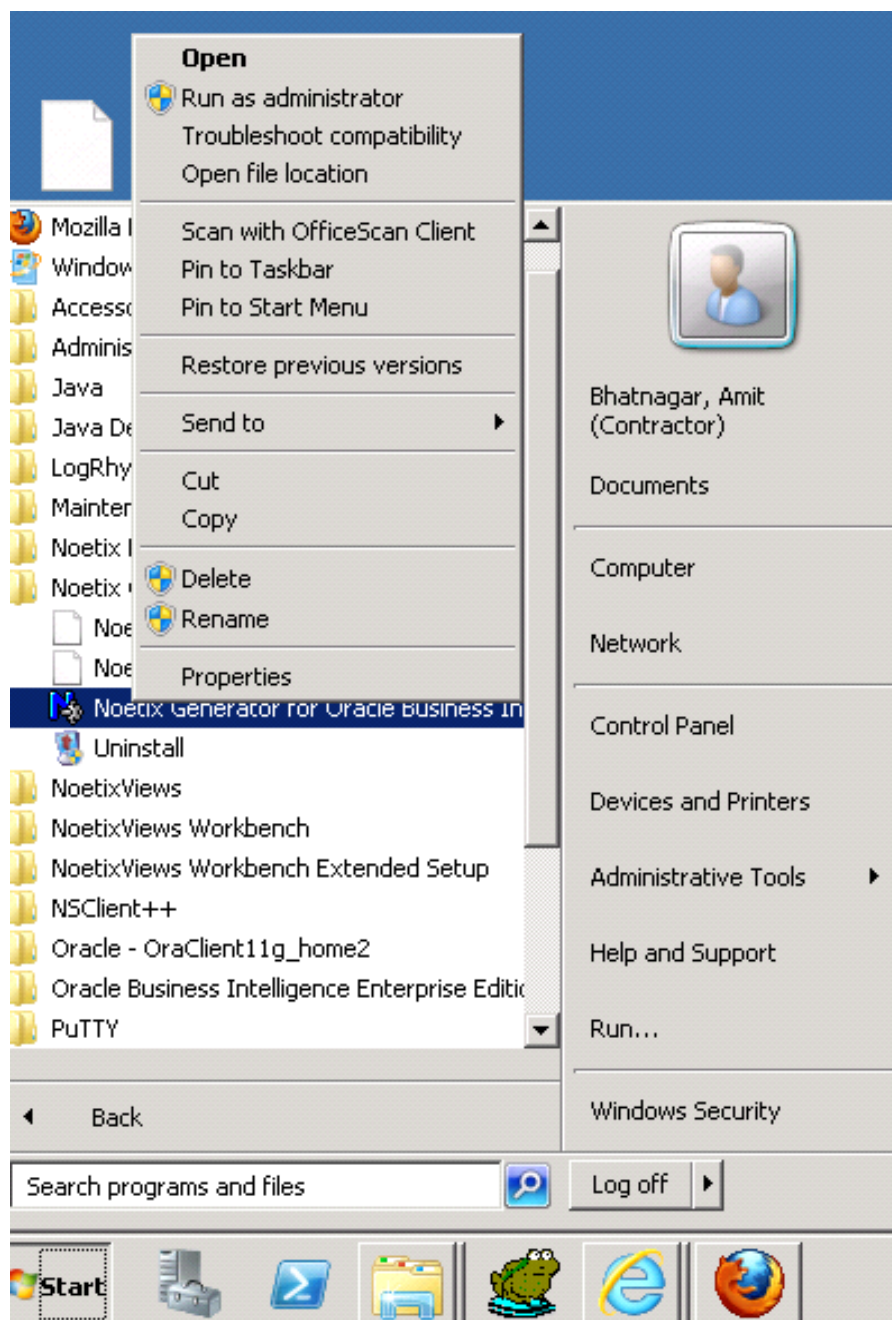
Who: Noetix Admin

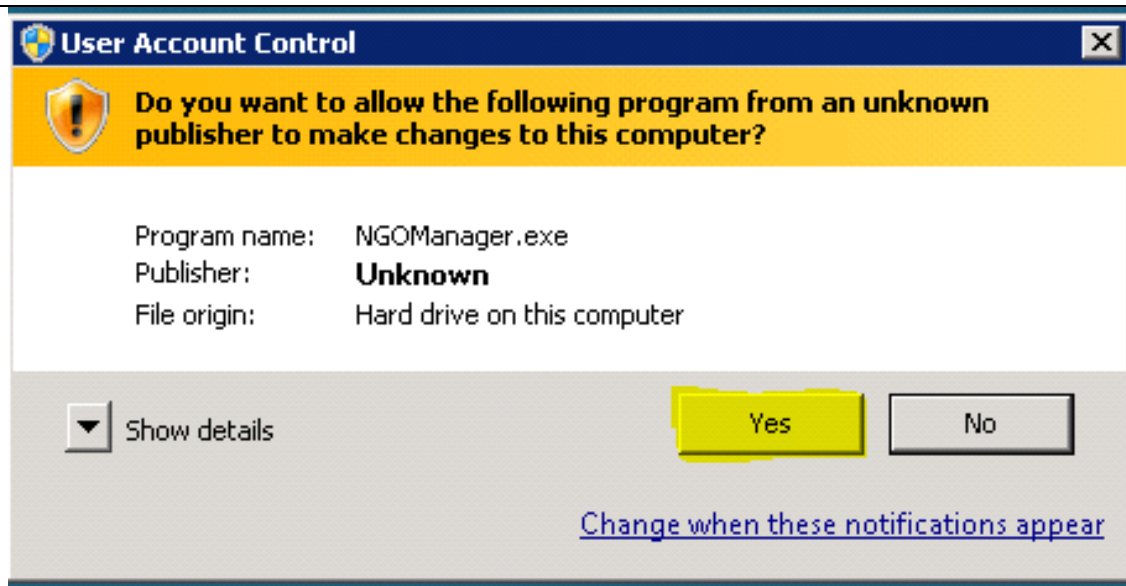
Prerequisite

Before start regenerating the current RPD, we need to install/upgrade new version of the Noetix Oracle Business Intelligence generator (NGO4.2)

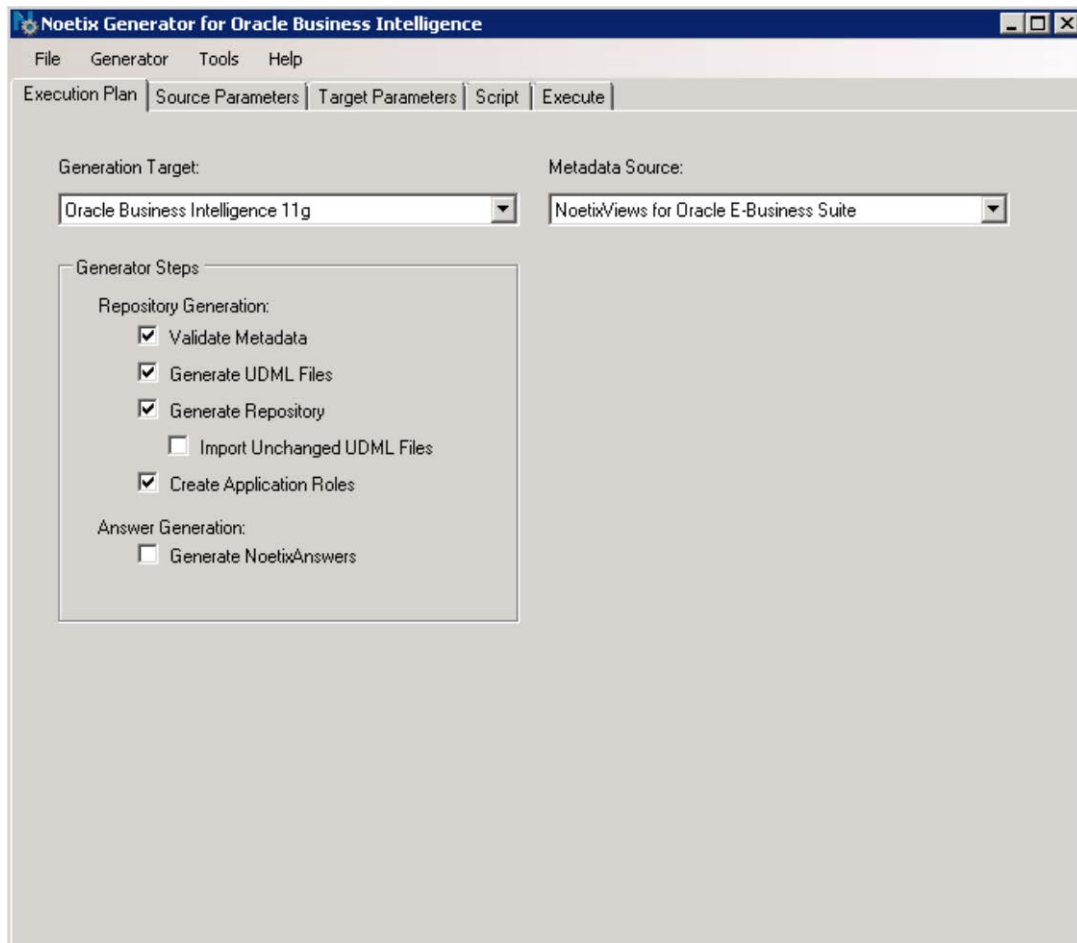
Incremental Regeneration of RPD

- Create a New folder. Ex: - Master_Repository
- Copy the current RPD into the new folder.
- Run as Administrator, the “Noetix Generator for Oracle Business Intelligence” (Start >> All Programs >> Noetix Generator for Oracle Business Intelligence >> Noetix Generator for Oracle Business Intelligence). Click yes on warning message.

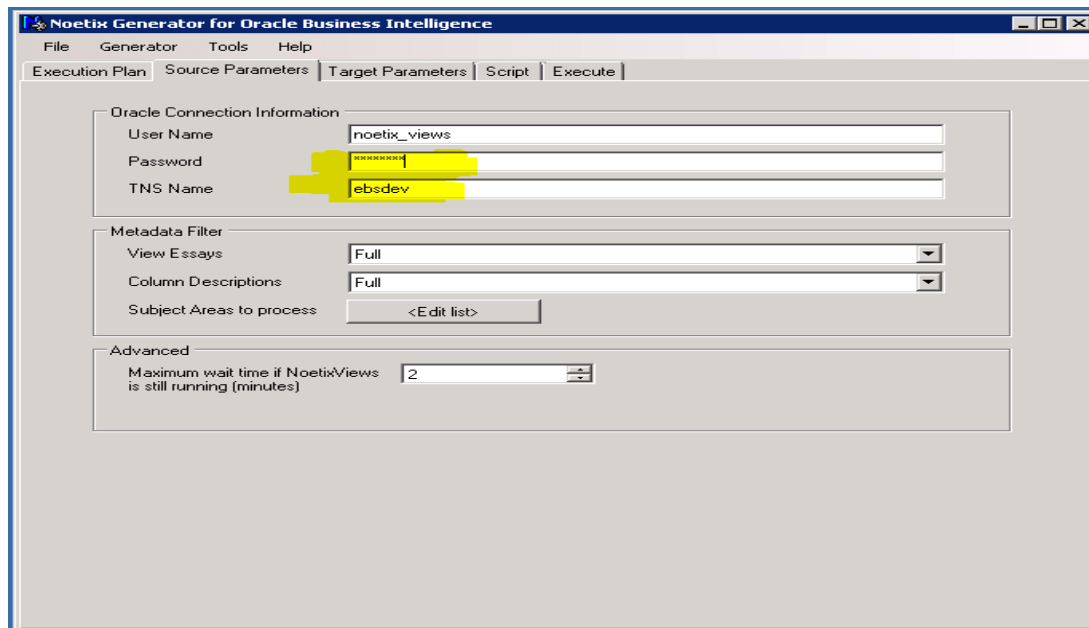




- This will open the configuration wizard for generating the OBIEE content. In the first screen shown "Execution Plan", leave the default values
- Generation Target: Oracle Business Intelligence 11g
- Metadata Source: NoetixViews for Oracle E-Business Suite
- Generation Steps
 - Repository Generation:
 - Validate Metadata: checked
 - Generate UDML Files: checked
 - Generate Repository: checked
 - Import Unchanged UDML Files: Not checked
 - Create Application Roles: checked
 - Answer Generation
 - Generate NoetixAnswers: NOT checked



- ▲ Click on Second Tab: “Source Parameters” and ensure appropriate values
 - ▲ Oracle Connection Information
 - ▲ User Name: noetix_views
 - ▲ Password: welcome1
 - ▲ TNS Name: EBSPJD1
 - ▲ Metadata Filter
 - ▲ View Essays: Full
 - ▲ Column Description: Full
 - ▲ Advanced
 - ▲ Maximum wait time: 2



- Click on Third Tab: “Target Parameters” and ensure appropriate values
 - Repository Information
 - During the Incremental RPD generation, we need to provide the new folder name, where we stored the existing RPD.
 - UDML File Path:
E:\Viasat\Master_Repository\VSAT_Noetix.udml
 - Repository File Path:
E:\Viasat\Master_Repository\VSAT_Noetix.rpd
 - Top Level Name: ViaSat
 - Password: welcome1 (this will be the generated repository password)
 - Server and Credentials
 - User Name: weblogic
 - Password: <<weblogic password>>
 - Server URL: default
 - WebLogic Server Port: default
 - Connection Pool
 - Name: NOETIX_VIEWS
 - Connection Pool Type: OCI 10g/11g
 - Database Type: Oracle 10gR2/11g
 - Timeout (in seconds) 300
 - Maximum Connections: 10

Noetix Generator for Oracle Business Intelligence

File Generator Tools Help

Execution Plan Source Parameters Target Parameters Script Execute

Repository Information

UDML File Path D:\Viasat\Master_Repository\Noetix.udml ...

Repository File Path D:\Viasat\Master_Repository\NoetixRepository.rpd ...

Top Level Name Viasat

Password xxxxxxxx xxxxxxxx

☒ Remove underscores from generated presentation column names

Server and Credentials

User Name Zensar

Password xxxxxxxx

Server URL http://wdc1obieed01:9704/analytics/saw.dll

WebLogic Server:Port wdc1obieed01:7001

Connection Pool

Name apps

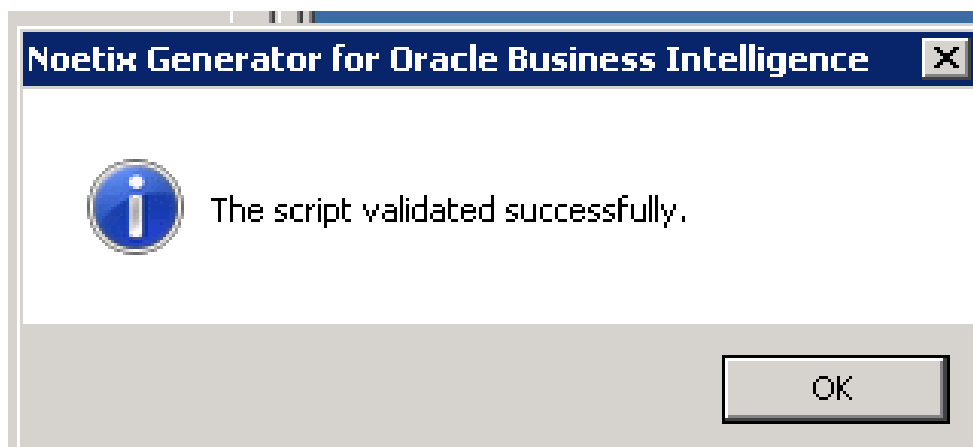
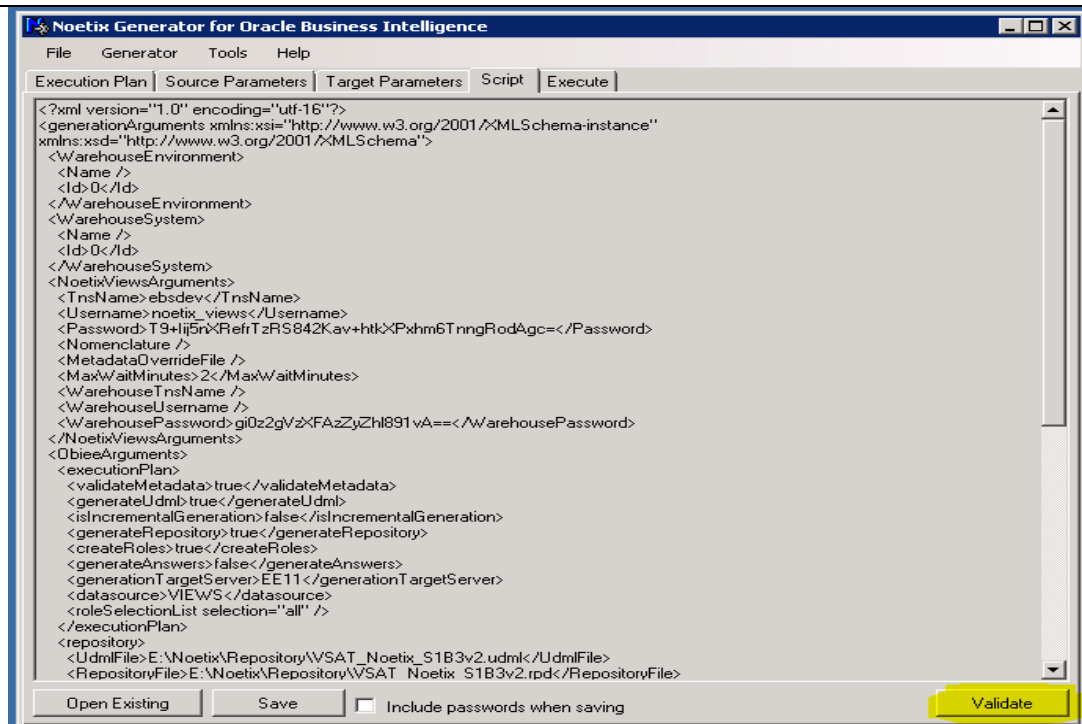
Connection Pool Type OCI 10g/11g Timeout (in seconds) 300

Database Type Oracle 10g R2/11g Maximum Connections 10

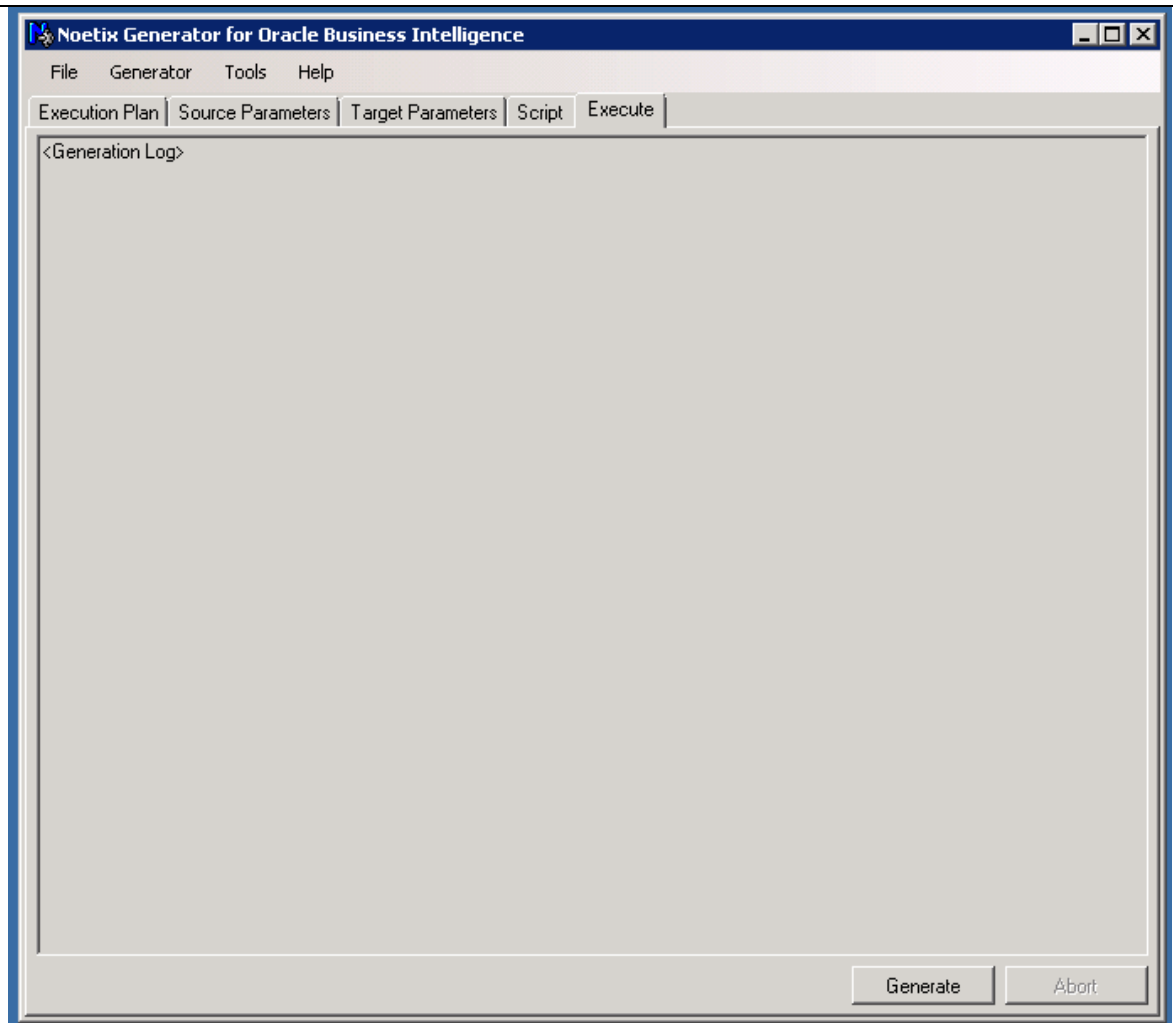
Presentation Services Security Options

Dashboard Access Level Change

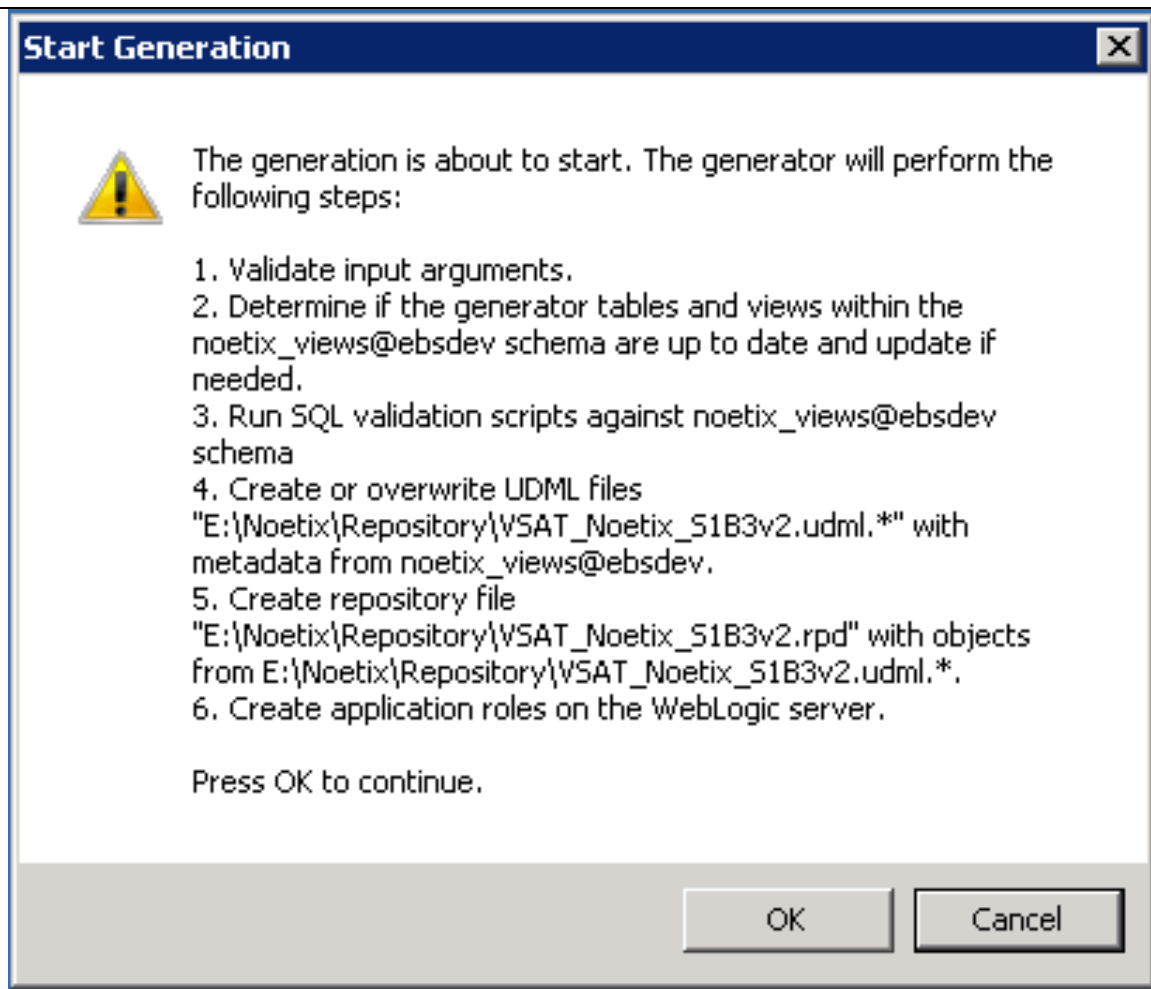
- In the Fourth Tab “Script”, click Validate. Afterwards, click OK for message box.



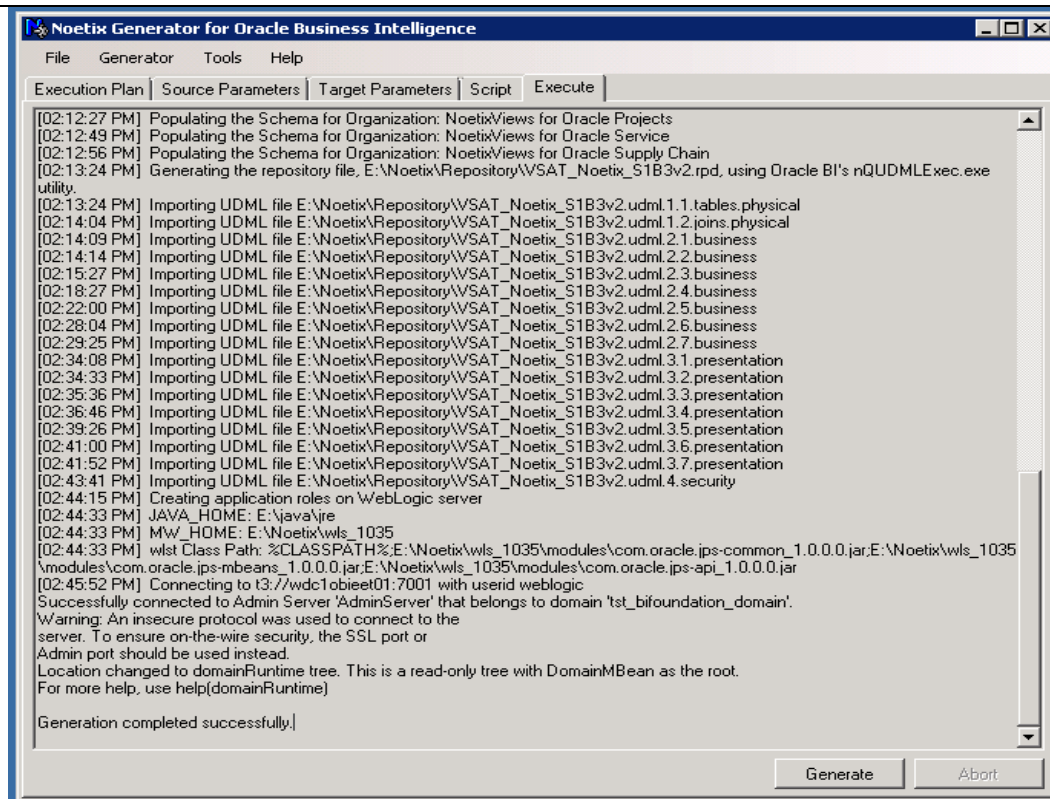
- In the fifth and final tab, click on “Generate”.



▲ Click OK on “Start Generation” message box.



^ After approximately 40 mins, the Noetix OBIEE generation process will complete with the displayed log and the message in the bottom "Generation completed successfully"



This process will generate the OBIEE RPD in the stated location and name:

E:\Noetix\Repository\VSAT_Noetix.rpd

Task: 6 – Upload latest RPD on Performce:

Who: Noetix Administrator

Take the Generated RPD file from the above step and upload the same into test instance performce location.

Task: 7 – Rebuild Noetix Search Instance:

Who: Noetix Administrator

Log in the production server where Noetix Search Builder is installed, using PUTTY. Log in as “NOETIX_USER”

Change directory to Noetix Search Builder (cd/app/noetix/builder/

Start the regeneration using the below information

./run.sh --action rebuild --alias NoetixViews -s

<http://wdc1ebnxprd01.hq.corp.viasat.com:9080/noetixsearch/solr> -u noetix_views -p welcome#1 --tns

EBSPROD -v –verbose

