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*Reference:*

*Upgrading to the Latest OracleAS 10g 10.1.3.x Patch Set in Oracle E-Business Suite Release 12 [ID 454811.1]*

**In This Article; I try to explain upgrade the OracleAS 10g Release 3 (10.1.3) to OracleAS 10g Release 3 Patch Set 5**

**Before I start the document, I want to remind you below patch chould be replace with new ones. Thatswhy please don't forget to check Reference Note.**

*This document has below Sections:*

- A. *Section 1: Introduction*
- B. *Section 2: Pre-Installation Steps*
- C. *Section 3: Apply OracleAS 10g Release 3 (10.1.3.0) Patch Set 5 (10.1.3.5.0)*
- D. *Section 4: Apply Any Additional OracleAS 10g Patches*
- E. *Section 5: Post-Installation Tasks*

*Section 1: Introduction*

I will make this upgrade issue for E-Business Suite R12.0.6 which is working on IBM/AIX 5.3 (64 bit )

You have to follow upper reference note to can apply this patch to your E-Business suite

*Section 2: Pre-Installation Steps*

**Step 1 Download OracleAS 10g Release 3 (10.1.3) Patch Set 5 (10.1.3.5.0)**

*Our first step is :*

Download OracleAS 10g Release 3 (10.1.3) Patch Set 5 (10.1.3.5.0) delivered via Patch 8626084 from My Oracle Support.

**Step 2 Download Environment Preparation Patch for OracleAS 10g Release 3 (10.1.3) Patch Set 5 (10.1.3.5.0)**

*Our second step is :*

- Download patch 8920270 from My Oracle Support .

If you are currently on Release 12.0.x and applying this patch as part of an upgrade to 12.1.1, then you can proceed immediately to Step 5 (skip Steps 3 and 4). If you wish to test the AppsLogin immediately after the 10.1.3.5 upgrade, but before the 12.1.1 upgrade, then you MUST apply the Release 12 Template patch of step 4 which is included in the 12.1.1 upgrade itself.

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**Step 3 Apply the Release-Specific Oracle E-Business Suite updates**

**In this step I will mention patchs for my OS(AIX) for related patch please follow metalink note:**

**For Oracle E-Business Suite Release 12.0**

Apply Oracle E-Business Suite Release 12 Release Update Pack 3 (12.0.3) or higher. Follow the patch readme for any pre-requisite or post-requisite steps.

Apply Oracle E-Business Suite R12.TXK.A.Delta.6 7237313. Follow the patch readme for any pre-requisite or post-requisite steps.

If you are using Oracle Contracts Core, apply the Oracle E-Business Suite Release 12 R12.OKC.A 6740461. Follow the patch readme for any pre-requisite or post-requisite steps.

**Step 4 Apply the Oracle E-Business Suite Release 12 Template patch to support OracleAS 10g Release 3 (10.1.3) Patch Set 5 (10.1.3.5)**

Skip this step for E-Business Suite 12.1.1 or higher.

Apply 7359933. Follow the patch readme for any pre-requisite or post-requisite steps.

**Step 5 AIX Customers Only: Remove File Permission from other OS Users**

After sourcing the Release 12 10.1.3 Oracle Home, execute the following command to remove the relevant file permission from other OS users:

chmod -R go-rwx $ORACLE_HOME

Failure to do so will result in an error message '*Cannot open or remove a file containing a running program*' during the upgrade of a Release 12 10.1.3 Oracle Home to the 10.1.3.5 patch set.

**Step 6 Take a Backup of the Oracle E-Business Suite Release 12 10.1.3 Oracle Home and Inventory**

**This steps is very important. DO NOT PASS THIS STEPS AND BE SURE YOU HAVE VALID BACKUP FOR ALL YOUR oraInst.loc,oraInventory,oratab files**

**Before start installation BE SURE YOU HAVE VALID BACKUP for your 10.1.3 Oracle Home**

**Note:** Global Inventory on all UNIX platforms are specified in file 'oraInst.loc' which should be present in /etc (Linux and AIX) or /var/opt/oracle (Solaris and HP-UX). If file 'oraInst.loc' does not exist at the above default location, it gets created under each ORACLE_HOME. Check the value of "inventory_loc" in file oraInst.loc for the global inventory location.

To identify the Release 12 10.1.3 Oracle Home global inventory location on Windows, go to registry HKEY_LOCAL_MACHINE \Software\Oracle and find the value of the key, "inst_loc".

**Step 7 Upgrade Oracle E-Business Suite Release 12 JDK to Java 6.0 latest update (Recommended)**

This steps is recommended which mean you can pass this steps, it's not a mandatory

***Section 3: Apply OracleAS 10g Release 3 (10.1.3.0) Patch Set 5 (10.1.3.5.0)***

In this steps we will apply 10.1.3.5.0 patchset. We will follow below steps:

1. Set your environment

2. Apply OracleAS 10.1.3.5 Patch Set

3. Shut down any services started by OracleAS 10.1.3.5 Patch Set

4. Run AutoConfig

Now let us complicate those steps one by one:

**Step 1 Set Your Environment to 10.1.3 ORACLE_HOME**

**Before start process I want to remind one more time PLEASE TAKE 10.1.3 Home backup, oraInst.loc, all orainventory folder,oratab file who will make this upgrade**

.▢ Log in to the application tier as the OS user who owns the application tier file system. Navigate to the **<INST_TOP>/ora/10.1.3** and source file to cat set your 10.1.3 ORACLE_HOME.

After this Process run echo $ORACLE_HOME << it should brings you your 10.1.3 Home, **this step is mandotary**

**Step 2 Apply OracleAS 10.1.3.5 Patch Set**

1. Unzip patch 8626084 (OracleAS 10g Release 3 (10.1.3) Patch Set 5 (10.1.3.5.0)) into a temporary directory ()

2. Unzip patch 8920270 (required patch for OracleAS 10g Release 3 (10.1.3) Patch Set 5 (10.1.3.5.0)) into an alternative temporary directory.

> **Note:** To apply this patch, you must be running OPatch version 1.0.0.0.58 or higher. You can check your opatch version with the command 'opatch version'. If you are not running version 1.0.0.0.58 or higher, you can obtain the latest OPatch version via Patch 6880880.

Follow the patch readme (perform steps 1, 2 and 3 **only),** then:

3. Change directory to /Disk1

4. Execute runInstaller (UNIX) or setup.exe (Windows)

   On **UNIX and Linux**:

   If you have a Global Inventory, invoke the runInstaller program by running the command:

> $ ./runInstaller
>
> If you have a Local Inventory, invoke the runInstaller program by running the command:
>
> $ ./runInstaller -invPtrLoc <1013_ORACLE_HOME>/oraInst.loc
>
> In this installation for some reason we use second one.
>
> **Note:** During the Installation, OUI may display the following warning messages.
>
> 1) *Ensure that all OC4J instances are up and running prior to applying this patch.*
>
> 2) *At this time, Oracle Application Tier will be shut down. There will be a brief pause in the installer when the application tier processes are stopped.*
>
> Click the 'OK' button to proceed with the installation.

5.  Provide the Release 12 10.1.3 Oracle Home Name and Path as a value in 'Name' and 'Path' field of 'Destination region'. If you set the Release 12 10.1.3 Oracle Home properly, you will see Oracle Home name in the drop down list of 'Name' field.

6.  Enter the <**oc4jadmin**> user password for the OracleAS 10g 10.1.3 instance that is being patched. If you are upgrading from OracleAS 10g 10.1.3.0, the default password is '**secret**'. Otherwise the default password is '**oafm**', if it was not changed after Release 12 installation. Proceed to the end of the installation.

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**AIX                                      customers                                      only:**

When applying the OracleAS 10.1.3.5 patch set, OUI may display several warning messages. Refer       to       [Known       Issues]       from       related       metalink       doc.

Please check metalink note for can follow the steps in [Appendix A] **before** running root.sh, as this script changes permissions on some files incorrectly.

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7.  Before start installation for AIX please give below permissions to related files:

    a.  cd /xx/apps/tech_st/10.1.3/OPatch/perl_modules

    b.  chmod +w NApply.pm
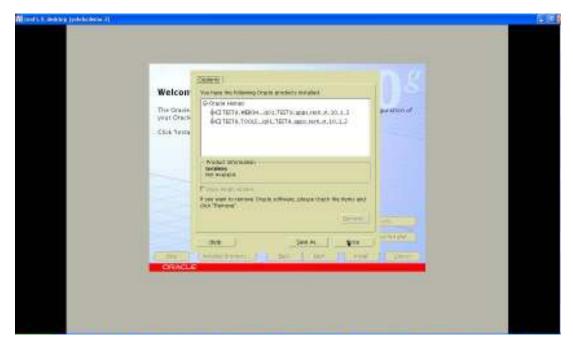
    c.  chmod +w NRollBack.pm

    d.  chmod +w Util.pm

    If you don't this u will have below screen error

5

**Here is the installation wizard screens:**



**In this screen please click to Installed producst button to can see your existing homes.If you have problem on this screen I suggest log a SR**

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**If your screen like my screenshot than you can click next button as follow**

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**If you set your 10.1.3 home than you should see it on Name field. Please choose it and than click next**

**as follow**

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**You can fill the related box or you can pas this screen as follow**

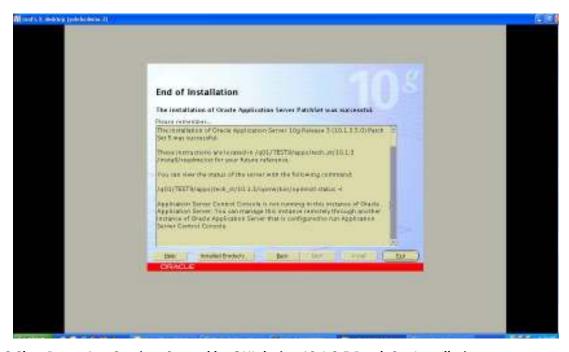Gunes EROL-http://heliosguneserol.wordpress.com/



**You can ignore this error,click yes and next**



**Now you can click next button and can start installation**

**Before run this sh DON'T FORGET TO EDIT root.sh FOR AIX.For this please check Appendix A**



**Step 3 Shut Down Any Services Started by OUI during 10.1.3.5 Patch Set Installation**

During 10.1.3.5 patchset installation, Oracle Universal Installer may have started some process from the OracleAS Oracle Home. Before proceeding further, shut down any processes started by the installer.

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**Step 4 Run AutoConfig**

Run AutoConfig on all application tier nodes after OracleAS 10.1.3.5 patchset installation. For this:

  a.   Login as applmgr user

  b.   Source env file

  c.   Go to $INST_TOP/scripts home

  d.   Run ./adautoconfig.sh

*Section 4: Apply Any Additional OracleAS 10g Patches*

Those patch could be change when you read this article. Thatswhy I suggest apply latest patches to your systems.

Here it he recommended patch, I took this from related metalink note

> **Note:** To apply this patch to the OracleAS 10.1.3.5 Oracle Home, you must be running OPatch version 1.0.0.0.58 or higher. You can check your opatch version with the command 'opatch version'. If you are not running version 1.0.0.0.58 or higher, you can obtain the latest OPatch version via < Patch 6880880.

| Linux x86 | Sun Solaris SPARC | HP-UX PA-RISC | HP-UX Itanium | IBM AIX | Microsoft Windows Server 2003 |
|---|---|---|---|---|---|
| < Patch 8999551 > | < Patch 8999551 > | < Patch 8999551 > | < Patch 8999551 > | < Patch 8999551 > | < Patch 8999551 > |

*Section 5: Post-Installation Tasks*

**Step 1 Regenerate appsborg.zip and appsborg2.zip files**

Login as applmgr user

Source env file

Run adadmin, and choose **Generate product JAR files** (with the **no force** option) to generate the **appsborg.zip** and **appsborg2.zip** files.

**Step 2 Verify the OracleAS 10g Release 3 (10.1.3) Patch Set 5 (10.1.3.5) Installation**

You can follow to can check the status of the patchset install, perform the following steps:

  1.   Invoke runInstaller from <1013_ORACLE_HOME>/oui/bin (on UNIX and Linux) or setup.exe (on Windows).

  2.   Click on Installed Products.

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3.  Select the 10.1.3 Oracle Home and expand the tree. You should see Oracle Application Server Patchset 10.1.3.5 patch in the list.

Alternatively:

1.  Run the command 'opatch lsinventory -detail'
2.  Look for 'Oracle Application Server PatchSet' in the 'Product' column. 'Version' should show 10.1.3.5.0.

**Step 3 Restart application tier services**

Restart the services on all application tier nodes, using the command:

$ADMIN_SCRIPTS_HOME/adstrtal.sh apps/

***Appendix A: Additional IBM AIX-Specific 10.1.3.5 Patch Set Installation Instructions***

During the OracleAS 10.1.3.5 patch set installation on a Release 12 10.1.3 Oracle Home, the root.sh script changes some file permissions incorrectly. To resolve this problem:

1.  Open the root.sh script in an editor (having taken a backup copy first), and locate the following line:

    chmod -R go-rwx $ORACLE_HOME

2.  Add the following lines after this line:

    chmod go+r $ORACLE_HOME/Apache/Apache/libexec/*.so

    chmod go+r $ORACLE_HOME/Apache/modplsql

3.  Execute root.sh.
4.  Complete the remaining steps in Section 3, Step 3.