



Happy New Year!

The Solution Beacon Team

Oracle Applications Release 11i Newsletter

The contents of this newsletter were contributed by **Solution Beacon** consultants who have accumulated extensive experience during the numerous installations, implementations, and upgrades of Release 11i that we have performed for our clients. We also welcome your participation in this newsletter. If you would like to contribute on any Release 11i topic, please send your contact information, topic, and a short abstract to mweiss@solutionbeacon.com. We would also appreciate any feedback from our readers if you have successfully or unsuccessfully implemented one of the suggestions from any of the newsletters. Comments or suggestions are always appreciated. Please send to mweiss@solutionbeacon.com.

Mary Lou Weiss, Alicia Hoekstra, and Randy Giefer, Editors, Solution Beacon

Release 11.5.10 Vision

Solution Beacon began providing Release 11.5.10 Vision instance for your external use on November 29, 2004. To obtain access go to <http://vis11510.solutionbeacon.net>

NOTE: You have to register to get a username and password. The default Vision demo user names and passwords are not active. Once you register your personal username and password will be sent to you in an email.

Mary Lou Weiss, Solution Beacon

OAUG: Success Through Education

The OAUG and Solution Beacon teamed up to bring you *The Road to OrlandoSM*, a series of Release 11i Workshops that were given in multiple cities and ending at Connection Point 2004 in Orlando in September. In 2005 Solution Beacon will be bringing you another series of workshops, *Trail to TexasSM*, prior to the OAUG Connection Point 2005 in June. Watch for more details for on an event in your region!

Chuck Meyers, William Mills Agency for OAUG, Mary Lou Weiss and Randy Giefer, Editors, Solution Beacon

Ask the SB Experts

Question: We have the following problem with Oracle Purchasing - Version: 11.5.9:

Procurement issue – RCVRERC Form Does Not Sort By Purchase Order Line Number

When doing receipts against a PO the receiving screen does not order the same as the PO line items. For example: I have a PO with 20 line items. I would expect that when I query up the PO to receive the goods in the receiving screen would list them in line item order. Rather I am seeing line 18, 15, 7, 8, etc.

RCVRERC – Enter Receipts GUI

The Symptoms were:

Sort order on the receipts form, Order Information tab, does not follow the PO or RMA line order.

Answer: The cause of this error is that the query for the order by clause doesn't contain all columns needed to sort the PO by line number correctly.

Example:

Last_Query show:
order by expected_receipt_date, need_by_date,
po_line_location_id, rcv_line_number

Bug 2802973 Abstract: RCVRERC DOESN'T DISPLAY RMA BY ORDER_LINE_NUMBER

The fix is included in RCVRERC version 115.102. Apply Procurement Family Pack J

References

<[BUG:2802973](#)> – Rcvrcerc Doesn'T Display Rma By Order_Line_Number

This problem can occur on any platform.

Question: I would like to get training on Oracle Applications DBA. Until now, I have worked as DBA on Oracle9i for 3 years. Is there any prerequisite to do this training?

Answer: As you probably know, the best training is on the job but, sometimes, that's not practical.

Oracle offers a 4 day Apps DBA class that you should take if possible. The class name is "11i Install, Patch and Maintain Oracle Applications".

Here is what you will learn:

"This course provides students with a basic understanding of the architecture, database and file system used within Oracle Applications Release 11i. Students learn about the multi-tier architecture used to provide user access over the Internet or an intranet and the relationship between Oracle Applications and the Oracle database.

The course covers the structure of the file system used to store the Oracle Applications product files, environment files, and additional files required to support multiple languages in Release 11i. Students will also learn how to use Rapid Install to perform both single and multi-node installs, AD Administration and other AD utilities to maintain Oracle Applications, AutoPatch to automate the application of Oracle Applications patches, and Rapid Clone to clone an Oracle Applications system."

Solution Beacon also has the Release 11.5.10 and other Release 11i Apps Demo environments running on our website. Just sign up at the following URL and start using.

http://www.solutionbeacon.com/tools_vision.htm

Good luck.

Question: This is regarding applying patches for Oracle Application. I have already installed Oracle 11i apps version 11.5.9 using CYGWIN and now I am trying to apply patches to upgrade, but I am not able to apply it. Does CYGWIN help me apply patches or should I have MKS TOOL KIT? Is there any way out for me to apply patches without MKS TOOL KIT? Thanks in advance for your help.

Answer: Per the "Oracle Applications Installation Update Notes Release 11.5.9 for Microsoft Windows" document (MetaLink Note #234782.1):

The requirements for 11.5.9 on MS Windows (NT/2000/2003):

- Microsoft Visual version 6.0 + Service Pack 3 or higher. (Visual C++ .NET editions, available separately or as part of Visual Studio, are not supported with Release 11i.)
- MKS Toolkit version 6.1a or higher (<http://www.mks.com>)
- gnu make (Shareware) version 3.77 or higher, excluding 3.79.0.

The release notes used to make a specific point that "CYGWIN" and "MS Windows Services for Unix" were not supported; however, we're not seeing that warning currently.

Given that, we'd recommend to stick with MKS Toolkit instead of CYGWIN on a Windows installation.

The Senior Consultants at Solution Beacon, LLC

Release 11.5.10 Bug Count

Here's some more statistics updated for 11.5.10. The statistics represent a fresh Vision install for the Solaris and Linux distributions. All sizes are in GB. The bug counts in the maintenance packs were derived using the perl script presented in the April 2004 newsletter issue.

Release 11i	DB Object count Vision install		No. of CD's or DVD's		Size of Staging		Size of Oracle Base		Size of <sid>data		Bug count in Maint. Pack
	Sun	Linux	Sun	Linux	Sun	Linux	Sun	Linux	Sun	Linux	
11.5.10	268197	268472	8*	9*	19.9	23.8	84.4	91.5	59.4	62.3	179133
11.5.9	308482	308379	33	36	17.9	18.7	85.5	81.4	59.1	58.7	100444
11.5.8	279000	278733	24	23	13.0	12.4	54.9	56.2	36.5	36.5	64358
11.5.7	241801	241970	21	23	11.8	11.2	46.8	48.3	31.0	31.0	40242
11.5.5	204653		16	17	7.4	7.4	27.2		15.7		19123

* DVD format

Jeff Holt, Solution Beacon

Oracle Release 11i Applications on Linux – Certifications and Limitations

Oracle Certify

Oracle requires that a "certified" configuration be maintained at all times for ongoing support and maintenance. Certification is determined by Oracle and not necessarily by the third-party vendor software component being utilized by the Oracle Applications. Certification components include hardware, operating system software, operating system utilities, Oracle RDBMS versions, Oracle 9iAS, Oracle Forms and Reports and desktop client installations along with other components.

A typical, sample supported configuration is listed below, including the one for Linux x86 and 11.5.10.

Supported Applications Platforms

There are six major platforms and operating systems supported by the Oracle Applications:

- HP-UX PA-RISC
- HP Tru64
- IBM AIX
- Sun Solaris Sparc
- Windows 2000/Windows Server 2003(x86)
- Linux x86

For Linux, the following is a list of the officially supported operating systems:

- HP-UX Itanium

IBM Power based Linux
IBM zSeries based Linux
Linux (AMD64/EM64T)
Linux (Itanium)
Linux (x86)

The Applications specific limitations for Linux have to do with the five major Application components (nodes per Rapid Install) of the Oracle Release 11i Applications E-Business suite:

Database
Administration
Concurrent Manager
Forms
Web

All five components or nodes can be installed on a different platform.

Considerations

Not all of the five components are "certified" by Oracle for use in an Applications environment.

Processor Chip Information:

Linux x86, support on Intel and AMD Processor Chips that adhere to the x86 architecture (32-bit), with supported Linux releases.

Xeon
Itanium
AMD-64

Database 10G

Oracle Release 11i Applications will eventually be certified with use on RDBMS 10g. The current plans include 11.5.9 and 11.5.10 as the releases to be certified. All other 11i releases will not be certified. As all of you know, RDBMS Oracle8i certification with the Release 11i Applications will end 7/31/05. You must be on 9.2.x for your Release 11i environment to be supported.

Utilizing the SB premise of "*Keeping it Simple and Supportable*", homogenous configurations require far less maintenance when compared to heterogeneous configurations with multiple operating systems.

Looking specifically at Linux certifications, only the x86-32 processors are certified for the applications – no 64-bit certifications exist. If you choose to run a split configuration in which the database is running alone on a dedicated tier, options increase due to the addition of certified x86-64 processor architectures for the database. However, not all x86-64 processors certified for the Oracle database are certified for databases intended for use with the applications. Currently, the only certified x86-64 chip for use in a split configuration is the Intel Itanium processor.

Some important notes:

- Oracle8i is only certified on x86-32 processors
- The Express PL/SQL (EPS) interface module required by the Oracle Demand Planner module must be deployed to the database tier and is certified only on the same platforms as the Applications. This means that 64-bit is not an option for the database in a split tier configuration if this module is in play.

John Stouffer and Will Cordle, Solution Beacon

Change Control as Part of Change Management

Managing today's Oracle 11i Applications presents a host of challenges to any business. In today's business environment many organizations are faced with defining and solidifying their IT operations in order to comply with Sarbanes Oxley and other regulatory requirements. This requires having a good change control approach to guide an organization in developing a change control procedure plan consisting of key components. With Oracle Release 11i change control requires a well defined procedures consisting of the following elements:

- Scope – determine impact and outline requirements for change request
- Approval – review proposed change and obtain approval from affected parties
- Execution – develop application change and test change through confirmation cycles
- Leverage – continuous improvement of development, functionality and applications
- Eliminate – potential reduction of customizations through proper lifecycle management
- Transition – schedule changes and migrate through instances
- Document – provide documentation, monitor lifecycle and control alterations
- Measure – capture cost and determine if desired effect is achieved

The aim of the change control procedure is to provide the IT departments with a method of controlling and monitoring change in the applications. Change is defined as any activity that alters the scope, functionality, deliverables, or costs of the applications. The key objectives are:

- To identify changes in scope, or other unplanned activity, in advance and control them
- To protect the integrity of deliverables that have been approved (signed off) as fit for purpose
- To ensure that new tasks and other requested changes are justified and cost justifiable, and the deliverables affected are identified

- To obtain authorization to proceed with the new tasks/ changes and assign them to appropriate individuals to be completed
- To monitor the progress and cost of the changes

Because the area most associated with change management is change control and often people use the terms interchangeably. Just as the issue process has become more sophisticated and so has the change control process. It used to be you could make a change, test it and if you were lucky you would document it. Recently we have seen that changes need justification and approvals along with documentation and measurement of effectiveness as a part of the normal change control process. We experienced this a great deal over the past few years as organizations were upgrading they had to go back and recapture the documentation for previous changes because of the lack of discipline. We have also seen a rise in justifications for upgrading because of competition for resources and funding. Along with compliance requirements this is what is causing the need for more tracking and monitoring of changes.

Often configuration changes are overlooked as part of the change control process but with the complexity of the applications are becoming important business decisions rather than a technical adjustment. Also with increasing compliance requirements this is gaining more attention all the time. Incorporating these procedures into the overall change process is critical to managing the business side of the technology, as well as the applications, making sure there are adequate controls in place to meet compliance and business requirements.

There is however no one tool that meets all the change control needs required to be an integral part of change management solution. A good change control procedure requires an effective design and integrates the necessary tools into a change management solution that supports the overall business. One of the tools that addresses change control is available from Applimation; it is a product that comprehensively address the change control components. IT and application managers need tools like Applimation's to accomplish their tasks but they also need the right design to carry out their change management process. Contact us to learn more about designing a change management strategy, developing effective change control procedures or implementing any of the change control tools.

Paul Cyphers, Solution Beacon

Applying AD.I

The latest iteration of the AD patchset takes several steps forward for the AD utilities. Chief among them is the inclusion of the Maintenance Mode feature for Oracle Applications. This feature provides a distinct separation between normal runtime operations and maintenance mode activities. By enabling Maintenance mode, you make the applications unavailable to the end users, and shutdown the Workflow processing system. In addition to the new Maintenance mode, the patch also includes the following new and changed functionality. The table at the bottom of this article describes the menu changes for the ADADMIN utility in detail.

AD Administration and AD Controller Support for Non-interactive Mode: the non-interactive mode for adadmin now includes all tasks. And the adctrl utility has been modified to run non-interactively as well.

AD Merge Patch Utility: You can now merge patches from the zip files you downloaded. You don't have to unzip the file before hand.

AutoConfig Integration with AutoPatch: Autopatch will now run autoconfig to instantiate and run new templates included within the patch.

Distributed AD processing: Allows you start workers on any node of a Shared APPL_TOP, increasing the number of workers available in an AutoPatch session.

AD Utility Timings in OAM: The progress or status of an AutoPatch or ADADMIN session is now accessible from the Oracle Applications Manager.

After applying AD.I, system has to be in maintenance mode before application patches are applied. If system is not in maintenance mode, you will get the error. After patch is applied, application dba needs to disable the maintenance mode by running AD Admin utility. If it is not disabled, you will not be able to login in any other responsibility except SYSADMIN responsibility.

When you login in SYSADMIN utility, only thing you can see System Profile function. If you try to access some other responsibility, you will get the following error box:

"This process cannot be drawn. It was not defined correctly when it was attached to your menu. Please Advise your System Administrator that the function is not in the correct format. "

When you enable the maintenance mode, it changes one application profile parameter "APPS_MAINTENANCE_MODE" profile id is 5835. When you enable the maintenance mode, its value is "MAINT". When you disable the maintenance mode, its value is "NORMAL". The patch also includes the following warning regarding the apps.zip being exploded:

"Those customers who have not already exploded their apps.zip under \$JAVA_TOP, this patch also includes a manual driver to do so. It is necessary to explode your apps.zip after applying the copy driver of this patch if you have not already done so, because the Maintain Snapshot functionality will fail if you do not. The exploding is done by running adpatch with the included explode.drv patch driver.

After applying the U driver of this patch, please change directories to \$AD_TOP/patch/115/driver and run adpatch again. When prompted for the name of your AutoPatch driver file:

Please answer: explode.drv



This driver will first remove unwanted entries from the apps.zip, and then explode the file under \$JAVA_TOP. For more information on the apps.zip rearchitecture, please refer to Metalink Note [220188.1](#)"

Changes Details: This patch changes adadmin utility significantly

	New					Old				
	Feature	Active?	APPLTOP	Data model	Flags	Feature	Active?	APPLTOP	Data model	Flags
	CHECKFILE	Yes	1	1	Y N N Y N Y	CHECKFILE	Yes	1	1	Y Y N Y
	PREREQ	Yes	6	6	Y N N Y N Y	PREREQ	Yes	1	1	Y Y N Y
	CONCURRENT_SESSIONS	No	2	2	Y Y N Y Y N	CONCURRENT_SESSIONS	No	1	1	N Y Y N
	PATCH_TIMING	Yes	2	2	Y N N Y N Y	PATCH_HIST_IN_DB	Yes	3	3	Y Y N Y
	PATCH_HIST_IN_DB	Yes	6	6	Y N N Y N Y					
	SCHEMA_SWAP	Yes	1	1	Y N N Y Y					
0	AD Administration Main Menu					AD Administration Main Menu				
	-----					-----				
	1.Generate Applications Files menu					1.Generate Applications Files menu				
	2.Maintain Applications Files menu					2.Maintain Applications Database Objects menu				
	3.Compile/Reload Applications Database Entities menu					3.Maintain Applications Files menu				
	4.Maintain Applications Database Entities menu					4.Exit AD Administration				
	5.Change Maintenance Mode									
	6.Exit AD Administration									
1	Generate Applications Files					Generate Applications Files				
	-----					-----				
	1.Generate message files					1.Relink Applications programs				
	2.Generate form files					2.Generate message files				
	3.Generate report files					3.Generate form files				
	4.Generate graphics files					4.Generate report files				
	5.Generate product JAR files					5.Generate graphics files				
	6.Return to Main Menu					6.Generate product JAR files				
						7.Return to Main Menu				
2	Maintain Applications Files					Maintain Applications Database Objects				
	-----					-----				
	1.Relink Applications programs					1.Validate APPS schema				
	2.Create Applications environment file					2.Compile APPS schema				
	3.Copy files to destinations					3.Compile menu information				
	4.Convert character set					4.Recreate grants and synonyms for APPS schema				
	5.Maintain snapshot information					5.Compile flexfield data in AOL tables				
	6.Check for missing files					6.Maintain multi-lingual tables				
	7.Return to Main Menu					7.Check DUAL table				

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		8.Reload JAR files to database 9.Convert to Multiple Reporting Currencies 10.Return to Main Menu
3	Compile/Reload Applications Database Entities ----- 1.Compile APPS schema 2.Compile menu information 3.Compile flexfields 4.Reload JAR files to database 5.Return to Main Menu	Maintain Applications Files ----- 1.Create Applications environment file 2.Copy files to destinations 3.Convert character set 4.Maintain snapshot information 5.Check for missing files 6.Return to Main Menu
4	Maintain Applications Database Entities ----- 1.Validate APPS schema 2.Re-create grants and synonyms for APPS schema 3.Maintain multi-lingual tables 4.Check DUAL table 5.Convert to Multiple Reporting Currencies 6.Return to Main Menu	Exit AD Administration
5	Change Maintenance Mode ----- Maintenance Mode is currently: Disabled. Maintenance mode should normally be enabled when patching Oracle Applications and disabled when users are logged on to the system. See the Oracle Applications Maintenance Utilities manual for more information about maintenance mode. Please select an option: 1.Enable Maintenance Mode 2.Disable Maintenance Mode 3.Return to Main Menu	
6	Exit AD Administration	

Vivek Awasthi and James Jones, Solution Beacon

Possible JDBC Configuration Issue in Release 11i

If you have downloaded one of the patches which include a JDBC configuration change, the JDBC change may not be appropriate for your Applications installation. New patches are available that will make the JDBC configuration change only if it is appropriate for your environment. If you have not yet applied the patch, do not apply it. Instead, obtain and apply the replacement patch indicated in the table below.

Original Patch	Description Replacement patch
3180816	11i.AD.I - AD minipack I
4038964	Post ADX.E.1 consolidated update
3688071	
4020116	

If you have already applied one of the original patches, you can obtain and apply patch 3970088 to ensure the JDBC configuration is correct for your environment. All customers who have applied one of the original patches can safely apply 3970088.

The following additional information can help you determine if you will be affected by this issue.

1. If you have applied the Release 11.5.10 Maintenance Pack, ATG Family Pack H, or TXK Minipack B, you will not be affected by this issue
2. If you are experiencing the problem, you may encounter errors containing the following text:

```
java.sql.SQLException: Closed Statement
```

```
at oracle.jdbc.dbaccess.DBError.throwSQLException(DBError.java:134)
```

```
at oracle.jdbc.dbaccess.DBError.throwSQLException(DBError.java:179)
```

```
at oracle.jdbc.dbaccess.DBError.throwSQLException(DBError.java:269)
```

3. The problem is caused by the following incorrect configuration:
 - + Your \$FND_TOP/secure/<host>_<sid>.dbc file contains the parameter FND_JDBC_STMT_CACHE_SIZE and it is set to a value other than 0, and
 - + The file \$JAVA_TOP/jdbc14.zip does not exist, or exists but at version 115.16 or lower.

Oracle Applications Release Engineering

Sizing Comparisons for 11.5.8, 11.5.9 and 11.5.10!

Here's breakdown of sizes for 11.5.8, 11.5.9 and 11.5.10. They are for Linux Vision. Totals are in KB:

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11.5.10 = 91470780

11.5.9 = 83622272

11.5.8 = 56997292

```
a510vis1@sbllc3 > cd $ORACLE_BASE
a510vis1@sbllc3 > ls -al
total 36
drwxr-xr-x   9 a510vis1 a510vis1   4096 Nov 28 21:25 .
drwxr-xr-x  11 root      root      4096 Nov 29 00:00 ..
drwxr-xr-x  212 a510vis1 a510vis1   4096 Nov 28 18:05 a510vis1appl
drwxr-xr-x  10 a510vis1 a510vis1   4096 Nov 28 18:06 a510vis1comn
drwxr-xr-x   2 a510vis1 a510vis1   4096 Nov 29 04:32 a510vis1data
drwxr-xr-x   3 a510vis1 a510vis1   4096 Nov 28 16:36 a510vis1db
drwxrwxr-x   2 a510vis1 a510vis1   4096 Nov 28 23:47 a510vis1log
drwxr-xr-x   4 a510vis1 a510vis1   4096 Nov 28 16:37 a510vis1ora
drwxrwxr-x   4 a510vis1 a510vis1   4096 Nov 28 21:21 a510vis1scr
a510vis1@sbllc3 > du -ks *
17725944    a510vis1appl
3042748     a510vis1comn
62316368   a510vis1data
3049716    a510vis1db
76         a510vis1log
5335600    a510vis1ora
328        a510vis1scr
a510vis1@sbllc3 >
```

```
a159vis2@sbllc3 > cd $ORACLE_BASE
a159vis2@sbllc3 > ls -al
total 44
drwxr-xr-x  11 a159vis2 a159vis2   4096 Nov 11 12:23 .
drwxr-xr-x  11 root      root      4096 Nov 29 00:00 ..
drwxr-xr-x  200 a159vis2 a159vis2   4096 Mar 16 2004 a159vis2appl
drwxr-xr-x  10 a159vis2 a159vis2   4096 Mar 19 2004 a159vis2comn
drwxr-xr-x   2 a159vis2 a159vis2   4096 Nov 18 01:12 a159vis2data
drwxr-xr-x   4 a159vis2 a159vis2   4096 Mar 16 2004 a159vis2db
drwxrwxr-x   2 a159vis2 a159vis2   4096 Mar 19 2004 a159vis2log
drwxr-xr-x   4 a159vis2 a159vis2   4096 Mar 16 2004 a159vis2ora
drwxrwxr-x   4 a159vis2 a159vis2   4096 Aug  8 21:21 a159vis2scr
drwxrwxr-x   2 a159vis2 a159vis2   4096 Nov 29 11:55 a159vis2tmp
a159vis2@sbllc3 > du -ks *
14067288    a159vis2appl
2356696     a159vis2comn
58714128   a159vis2data
3059440    a159vis2db
56         a159vis2log
5424132    a159vis2ora
344        a159vis2scr
188        a159vis2tmp
a159vis2@sbllc3 >
```

```
a158vis2@sbllc3 > cd $ORACLE_BASE
a158vis2@sbllc3 > ls -al
```



```
total 44
drwxr-xr-x  11 a158vis2 a158vis2    4096 Oct 10 21:54 .
drwxr-xr-x  11 root      root      4096 Nov 29 00:00 ..
drwxr-xr-x 194 a158vis2 a158vis2    4096 Mar 29 2004 a158vis2appl
drwxr-xr-x   8 a158vis2 a158vis2    4096 Mar 29 2004 a158vis2comn
drwxr-xr-x   2 a158vis2 a158vis2    4096 Nov 18 02:21 a158vis2data
drwxr-xr-x   4 a158vis2 a158vis2    4096 Mar 29 2004 a158vis2db
drwxrwxr-x   2 a158vis2 a158vis2    4096 Mar 29 2004 a158vis2log
drwxr-xr-x   4 a158vis2 a158vis2    4096 Mar 29 2004 a158vis2ora
drwxrwxr-x   2 a158vis2 a158vis2    4096 Oct 10 21:54 a158vis2out
drwxrwxr-x   3 a158vis2 a158vis2    4096 Oct 10 21:54 a158vis2scr
drwxrwxr-x   2 a158vis2 a158vis2    4096 Nov 28 20:42 a158vis2tmp
a158vis2@sbl1c3 > du -ks *
12624116      a158vis2appl
1864272       a158vis2comn
36519156      a158vis2data
1145404       a158vis2db
52            a158vis2log
4840896       a158vis2ora
4             a158vis2out
308           a158vis2scr
3084          a158vis2tmp
a158vis2@sbl1c3 >
```

Jeff Holt, Solution Beacon

Release 11.5.10 Maintenance Mode

Maintenance Mode is a new mode of operation introduced with Release 11.5.10, in which the Oracle Applications system is made accessible only for patching activities not allowing the users to login to any responsibility. Refer

http://metalink.oracle.com/metalink/plsql/ml2_documents.showFrameDocument?p_data_base_id=NOT&p_id=291901.1

This provides optimal performance for AutoPatch sessions, and minimizes downtime needed. Administrators can schedule system downtime using Oracle Applications Manager, and send alert messages to users about the impending downtime.

When Maintenance Mode is entered, users attempting to log on to Oracle Applications are redirected to a System Downtime URL. There are several practical points relating to the use of Maintenance Mode:

- ? You can toggle Maintenance Mode between Enabled and Disabled using the new Change Maintenance Mode menu in AD Administration, or the equivalent function in Oracle Applications Manager.

- ? Although you can run AutoPatch with Maintenance Mode disabled, there will be a significant degradation in performance.
- ? There is a separate logon page for Restricted Mode access while the system is in Maintenance Mode. Restricted Mode allows administrators access to specific privileged functionality, for example to view the timing report that shows the progress of a patching session.

Maintenance mode is Enabled or Disabled from adadmin. When you Enable or Disable 'Maintenance Mode', adadmin will execute the script

`$AD_TOP/patch/115/sql/adsetmmd.sql` sending the parameter 'ENABLE' or 'DISABLE':

`sqlplus <APPS_Schema name>/<APPS Password>@adsetmmd.sql ENABLE | DISABLE`

ENABLE – Enable Maintenance Mode.

DISABLE – Disable Maintenance Mode.

When `adsetmmd.sql` runs, it sets the Profile Option 'Applications Maintenance Mode' (APPS_MAINTENANCE_MODE) to 'MAINT' to Enable the Maintenance Mode and to 'NORMAL' to Disable it.

Note: Maintenance Mode is only needed for AutoPatch Sessions. Other AD utilities do not require Maintenance Mode to be enabled. Maintenance Mode must be 'Enabled' before running AutoPatch and 'Disabled' after the patch application was completed. When Maintenance Mode is disabled, you can still run Autopatch by using `options=hotpatch` on the command line, if necessary. However, doing so can cause a significant degradation of performance.

Warning: Always Remember to Disable Maintenance Mode after any Patch application! If Maintenance Mode is not Disabled, the Application will not allow the users to use the system. The Application will allow the users to Login but it will show the following message when trying to Select any Responsibility:

There are no applications available for this responsibility. Please click on a different responsibility link to display the list of available applications.

References: Oracle Applications Maintenance Utilities – Release 11i (11.5.10) see 'Preparing your System for Patching'.

Oracle Corporation

Vendor Corner: Applimation

Applimation software solutions help organizations manage change and growth throughout the lifecycle of their Oracle e-Business Suite environment. Applimation's Integra suite ensures



application integrity by providing Sarbanes-Oxley compliance tools, security reporting and versioning of both setup and source code. The Informia suite manages data growth by providing transaction archiving and database subsetting. Archiving increases performance and reduces the size of production databases while subsetting automates the creation of small copies of production for testing and on-going development during the lifecycle of the e-Business Suite.

Applimation Integra Solution

Change in the e-Business suite environment can have serious impact on operations and cause confusion, disruptions and downtime. Nevertheless, for efficient organizations change is a requirement, not a choice. Controlling and managing change can improve efficiencies by reducing the impact of necessary modifications. This requires tools and automation that reduce the risk of error inherent in manual effort. Applimation's Integra Solution provides functionality to achieve comprehensive, automated change control and Sarbanes-Oxley compliance for organizations deploying Oracle's E-Business suite.

Integra Access: Security and access in enterprise applications are complex and difficult to investigate. *Integra Access* evaluates user access to the E-Business Suite and identifies any segregation of duties conflicts that cause security risks or breaches.

Integra Apps: To achieve control over the enterprise application environment, organizations must document and monitor all configurations and controls. Additionally, they must have a simple and automated way to identify differences both over time and between database environments. *Integra Apps* achieves this by documenting, comparing, and continuously monitoring application setups. *Integra Apps* reports enable organizations to focus limited resources on the areas that require attention. Continuous monitoring captures all changes to critical controls and configurations in the E-Business Suite, thereby creating a comprehensive audit trail. This complete historical record, together with real time alerting, is imperative for enforcing compliance with defined standards.

Integra Codebase: A static enterprise application is an oxymoron. Organizations are continuously changing their E-Business Suite by applying patches and upgrades, and developing customizations. *Integra Codebase* provides efficient management of application code by documenting, comparing, monitoring and versioning of source code. Additionally, Codebase manages the promotion of code through the environment hierarchy, thereby ensuring that only appropriate changes are propagated to production.

Integra Forms: Changing form behavior in the E-Business Suite typically requires a developer to modify source code. *Integra Forms* eliminates this requirement by enabling you to alter a form's behavior through a simple GUI that's tightly integrated with the E-Business Suite. Restricting access to sensitive data, changing field prompts to match corporate terminology, and tracking changes at the field level are examples of functionality to leverage from *Integra Forms*.

Integra Transaction: Auditing the Oracle financial environment often requires deploying IT resources to both provide sample data and identify data anomalies across large volumes of data. Collecting a quality sample from transactional data is difficult given the volume and complexity of data in the E-Business Suite. *Integra Transaction* provides sample and testing data as well as automated notifications for data anomalies without the need to engage IT resources.

Christine Garcia, Applimation

Book Offer: "Installing, Upgrading and Maintaining Oracle Applications 11i" is Available!

Save 10% when you order your copy of "Installing, Upgrading and Maintaining Oracle Applications 11i (or, When Old Dogs Learn New Tricks)" from our website or when you order your book at

<http://www.oncalldb.com/docs/Books/?&L=sb10Percent>

Barbara Matthews, OnCallDBA, Karen Brownfield, John Stouffer and Randy Giefer, Solution Beacon

Solution Beacon News

Naren Thota of Solution Beacon will be the 2005 Applications Forum Co-Chair for the Dallas Oracle User Group (DOUG). The purpose of the Applications Forum is to provide an environment to exchange ideas and share experiences using the Oracle Applications. It is open to all members of DOUG and is intended to represent the interests of Oracle Applications professionals in the DFW area.

John Nicholson has joined Solution Beacon as a Client Relationship Manager. John has more than 12 years of experience in Information Technology as well as over 9 years in the Health Care industry. Most recently John was Core Services where he served in multiple capacities as Director of Business Development, Recruiting and HRMS. In addition to covering the Southeast Region, John will be instrumental in growing our Life Sciences opportunities. John can be reached at johnicholson@solutionbeacon.com or by phone at 727-847-9904.

Art Dowd, Solution Beacon

OAUG: Events in the News

2005 OAUG Board of Directors Elected

The OAUG's elections to select its board of directors has been completed and several new representatives have been chosen by the membership. These new members include:

- Vince Benz, Emerson
- Anthony "Tony" Reed, Texas Instruments
- Cyndie Sutherland, Xerox Office Group
- David Rudzinsky, Hologic

The board's first official act will be to select the OAUG's new president in January. For more information on these elections, visit www.oaug.org.

Congratulations to all the newly-elected board members!

Building Stronger Coalitions Between Oracle and PeopleSoft/J.D. Edwards Users

The OAUG has invited PeopleSoft and J.D. Edwards users to consider a role in its organization, now that the merger between Oracle and PeopleSoft is being finalized. Working with other user groups within the Oracle community is a great way to build a stronger, more responsive relationship with Oracle.

PeopleSoft and J.D. Edwards users interested in finding out how to begin building a relationship with the OAUG should contact Steven Hughes at shughes@oaug.com.

To view an open letter on this issue from Steven Hughes, executive director of the OAUG, to all PeopleSoft and J.D. Edwards customers, visit the Web site at www.oaug.org/documents/2004-12psfletter.pdf

Call for Presentations: OAUG Connection Point™ 2005

Plan now to share your ideas, innovations and solutions during the OAUG Connection Point™ 2005 conference in Grapevine, Texas, June 13-16. The call for presentations, training sessions, and panels is now open.

The deadline to submit for consideration is February 7, 2005. The OAUG will contact selected presenters by March 8.

For more information about how to submit your presentations, visit the Web site at <http://www.oaug.org/conferences/2005/cxnptexas/presenter/callforpres.php>.

Please visit the OAUG Web site at www.oaug.org to find additional information about OAUG-related topics and initiatives and to let us know how we can better serve our members.

Chuck Meyers, for Meeting Expectations



Upcoming Solution Beacon Events

EVENT	DATE	LOCATION
DOUG Meeting Sponsorship	January 20, 2005	Dallas, TX
DOUG Meeting – <i>Practical Considerations for Implementing RAC, James Jones</i> , Solution Beacon	January 20, 2005	Dallas, TX
ATLOAUG Meeting – <i>Mining for Gold – Using Metalink to Find Golden Oracle Nuggets of Information</i> , Don Driggs, Solution Beacon	January 21, 2005	Atlanta, GA
NCOAUG Conference – Lunch Sponsor	February 28, 2005	Chicago, IL
NEOAUG Conference	April 11, 2005	Worcester, MA
IOUG Live! 2005 Conference	May 1-5, 2005	Orlando, FL
OAUG Connection Point 2005	June 13-16, 2005	Dallas, TX
ODTUG NOW 2005	June 18-22, 2005	New Orleans, LA

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