

## ConfigSnapshot Overview

### Managing E-Business Suite Setup and Configuration

Effective management of Oracle E-Business Suite setup is essential. Whether implementing or extending applications, performing support or undertaking patching and upgrades, organisations must ensure work can be done efficiently, accurately and with minimum risk – while maximising the benefit to the business.

The complexity of the Oracle E-Business Suite, from both functional and technical perspectives, makes this a time consuming and costly process – and one that is highly prone to human error.

Too often we hear phrases such as “*It works on the test environment*” or “*It worked two weeks ago*” - usually heralding a “needle-in-a-haystack” hunt to work out either what is different between two environments or what has changed since a process last worked successfully.

As organisations implement functionality it is critical that the setup to support it is correctly managed across multiple environments.

Organisations have increasing requirements to better control setup; to ensure both access to data is properly secured and that any changes to setup have been properly authorised.

ConfigSnapshot has been developed to address exactly these types of problems. It is an easy to use application that dramatically reduces the time required for such tasks, increasing their accuracy and minimising the risks normally associated with them.

Field Name	Value
Type	ENDOR TYPE
Meaning/User Name	Valid Supplier Types
Application	Oracle Purchasing
Description	Valid Supplier Types
Access Level	User
Security Group	Global

Seeded data is clearly highlighted to make it distinct from data set up for the implementation

Code	Meaning	Description	Tag	From	To	Enabled	Flexfield
Contractor	Contractor	Contractor				Yes	
EMPLOYEE	Employee	Employee				Yes	
FEDERAL	Federal	Federal Supplier		01-JAN-1990		Yes	
FOOD DISTRIBUTOR	Food	Food Supplier		28-JAN-2001		Yes	

Field Name	Value	Field Name	Value
Receipt Date		Receipt Date	
Receipt Days Early	5	Receipt Days Early	5
Receipt Days Late	5	Receipt Days Late	5
Receipt Date Action	Warning	Receipt Date Action	Warning
Over Receipt Control		Over Receipt Control	
Tolerance	5	Tolerance	5
Over Receipt Action	Warning	Over Receipt Action	Warning

Fields not implemented on an environment are blacked out for clarity. This enables comparisons even when the environments are on different versions.

Field Name	Value	Field Name	Value
Receipt Number Generation	Automatic	Receipt Number Generation	Automatic
Receipt Number Type	Numeric	Receipt Number Type	Numeric
Next Receipt Number	9610	Next Receipt Number	9610

Differences clearly highlighted

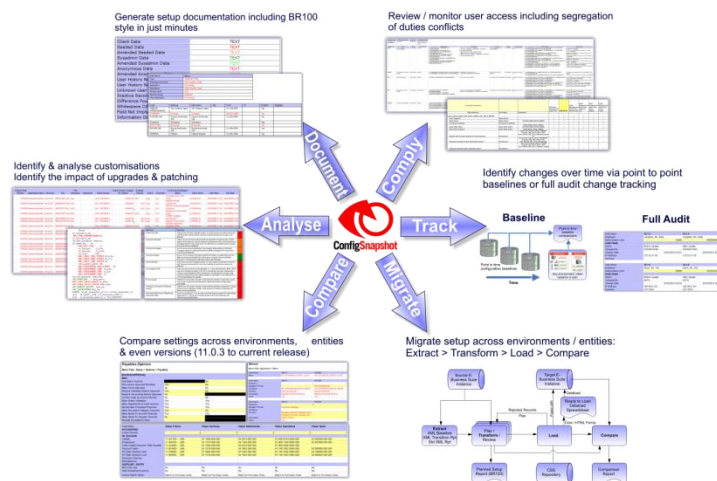
Field Name	Value	Field Name	Value
Receiving Inventory Account	01-000-1410-0000-000	Receiving Inventory Account	01-000-1410-0000-000
Retroactive Price Adjustment Account	01-000-5230-0000-000	Retroactive Price Adjustment Account	01-000-5230-0000-000
Clearing Account	01-000-1410-0000-000	Clearing Account	01-000-1410-0000-000

### Features include

- Automatically create setup documentation - flexible formats and content including **BR100** style
- **Migrate setup** from one instance / entity to others- extract > transform / plan (even across different versions of the E-Business Suite) > load > compare
- **Directly compare** multiple environments, showing all fields or a summary of the differences
- Compare **operating units**, sets of books etc. within an environment and across environments
- Compare setup across **different versions** of the E-Business Suite when upgrading / reimplementing
- **Identify and analyse customizations** to determine impact and remediation during an upgrade / patching
- **Patch impact analysis** – prioritise testing on areas directly affect via patching
- Create date stamped copies of setup (**baselines**) enabling historic reporting and comparison over time
- **Full audit** change tracking
- **Differentiate** implementation and seeded data
- **Segregation of Duties** conflict reporting
- Present complex data in **simple context-based reports** simplifying system administration
- **Multiple reporting formats** including HTML, Word, Excel, XML as well as interactive screen-based
- **Extend** capabilities across any data areas

### Availability

ConfigSnapshot covers over 130 Oracle E-Business Suite modules and is available for Release 12, 11i and 11.0.3.





# ConfigSnapshot

The most comprehensive & flexible configuration management software available for the E-Business Suite

## Benefits For Functional Resources

### Implementing / Extending Modules

- Eliminate the need to manually maintain detailed setup documentation
- Plan configurations prior to entering into the E-Business Suite
- Automatically generate BR100 documents
- Ensure documentation is free from error
- Use baselines to capture setups at key points during the project to better control each stage
- Audit setup to ensure it is complete / correct
- Reduce document management time by > 90%; focus on delivering the optimum solution - rather than on administrative tasks
- Compare planned setup with the environment
- Manage setup between environments
- Documented setup information is known to be accurate – no need to manually recheck
- Analyse setup on a source environment to identify exactly what should be configured
- Integrate directly with tools such as DataLoad to help automate migration
- Check setup has been correctly configured by comparing source and target environments
- Keep multiple environments synchronised
- Regularly run comparisons across environments ensuring modifications are correctly applied
- Help resolve issues that arise
- Quickly report on areas related to the issue
- Identify changes that might cause the issue
- Concentrate on determining the cause of the issue and fixing it – not just gathering data
- Roll out across operating units / sets of books etc.
- Quickly plan setups based on existing entities
- Ensure new entity is configured as planned
- Check any differences are as expected due to local requirements
- Better target testing across multiple entities

### Supporting the E-Business Suite

- Simplify resolving issues
  - View setups via reports or interactive forms
  - Identify and resolve issues more effectively
  - Compare setup against environments or entities where the issue does not occur
  - Identify changes that may have caused the issue
- Improve system management / administration
  - Create regular configuration baselines to audit changes over time; ensure they were authorised
  - Implement tighter control on application security areas including user access, function accessibility, report accessibility etc.
  - Quickly create reusable reports to assist with system management – without coding; ensure policies are enforced, look for exceptions etc.

Generated By: ConfigSnapshot		Accounting	Financials	General Ledger	General Ledger	General Ledger	General Ledger	General Ledger	General Ledger	General Ledger	General Ledger	General Ledger	General Ledger	General Ledger	General Ledger	General Ledger	General Ledger	General Ledger	General Ledger
User	Employee																		
DPHILLIP	Phillip, Mr. Don																		
DREEVES	Reeves, Doctor Don																		
DRICE	Rice, Mr. Dan																		
DRUANE																			
DRYAN	Ryan, Mr. Andrew David (Drew)																		
DSOUTH	South, Mr. David																		
DSPEED																			
DSUTHERLAND	Sutherland, Mr. Daniel																		
DTORRITON	Thornton, Mrs. Dale																		
DTRIPPE																			
DVLPI																			
DCAHE	Zava, Mrs. Deborah																		
DZEGLER	Zeigler, Ms. Dianne																		
EBBA																			
EBENNS	Bennis, Ms. Elaine																		
EBRANNON																			
EBUSINESS	Taylor, Philip Charles																		
EBUSINESS-MFG	Barton, Jeffrey M.																		
EBUSINESS-MANUFACTU	Barton, Jeffrey M.																		
EDAVIS	Davis, Mr. Ed J.																		

### Upgrading / Patching

- Identify any setup affected by the upgrade / patch
  - Identify any existing setup changed
  - Identify new seed data introduced - to better assess the impact on business processes
- Identify components (forms, functions, workflows etc.) affected by the patch
  - Focus testing on modified areas
  - Minimise unnecessary testing
  - Reduce risk of missing affected components
- Ensure all setup steps are accurately repeated during each iteration of the process
  - Identify steps previously completed but not documented
  - Check steps completed correctly as planned

Field Name	Vision France	Vision Germany	Vision Netherlands	Vision Operations
ACCOUNTING				
Future Periods				
Liability	11-4011000-000-000	01-1600-000-000	04-2210-000-000	01-000-2210-0000-000
Programme	11-409100-000-000	01-1110-000-000	04-1140-000-000	01-000-1140-0000-000
Future Dated Payment / Bills Payable	11-403000-000-000	01-1600-000-000	04-2210-000-000	01-000-2210-0000-000
Receipt Taxes	11-561000-000-000	01-3730-000-000	04-3820-000-000	01-740-3820-0000-000
PO Rate Variance Gain	11-766000-000-000	01-2500-000-000	04-7842-000-000	01-740-7842-0000-000
PO Rate Variance Loss	11-666000-000-000	01-2150-000-000	04-7844-000-000	01-740-7844-0000-000
Miscellaneous				
Supplier - Entry				
IF Only Site	No	No	No	No
Hold Unmatched Invoices	No	No	No	No
Invoice Match Option	Match to Purchase Order	Match to Purchase Order	Match to Purchase Order	Match to Purchase Order
Supplier Number				
Number Entry	Automatic	Automatic	Automatic	Automatic
Number Type	Alphanumeric	Alphanumeric	Numeric	Numeric

Contact the ConfigSnapshot team on:  
 +44 208 133 4490 / +1 (646) 652 6650  
 Or email: configsnapshotinfo@rookerysoftware.com  
 www.configsnapshot.net



## Benefits For Technical Resources

ConfigSnapshot supports technical development of extensions to the Oracle E-Business Suite in several ways, including:

- Automatically provide a “Technical Reference Manual” for bespoke database objects, including:
  - Tables
  - Views
  - Indexes
  - Packages
  - Triggers
- Document application setup steps required to support bespoke extensions, including:
  - Concurrent Programs
  - Executables
  - Forms
  - Functions
  - Menus
  - Request Groups
  - Request Sets
  - Value Sets
- Document other technical setup areas, including:
  - Payroll fast formulae
  - Alert definitions

Field Name	Value
Name	CL_EARN_POTENTIAL
Type	Oracle Payroll
Description	HMMS Vision Custom Library Earnings Potential Formula
Date From	01-JAN-1997
Date To	31-DEC-4712
Formula	<pre> /* This formula was created as part of the Release 11 Vision work to show how it is possible to link user defined business rules ( recorded in Oracle FastFormulas ) to GLTF forms ( via the Custom Library ).  In Release 11 of the Oracle HRMS Application, FastFormulas create PL/Sql. This therefore means that any interface that can access PL/Sql can now execute FastFormulas.  FastFormulas defined business rules can also be linked in to server side core procedures by using API User Hooks ( another new feature in Release 11 Oracle HRMS ).  */ Default for PER_AGE is 0 Default for current_earn is 0 Inputs are current_earn  IF PER_AGE was defaulted then (EARN_POTEN=0 (EARN_MESG='Persons age not recorded. Unable to work out future earnings potential') ELSE (IF PER_AGE &gt;= 30 then (EARN_POTEN=current_earn * 4.5 (EARN_MESG='Earnings potential is 4.5 times Current Earnings') ELSE (EARN_POTEN=current_earn * 1.5 (EARN_MESG='Earnings potential is 1.5 times Current Earnings')) </pre>

- Workflows
  - Reduce development time by simplifying understanding of existing workflows
  - Document customisations
- Document / compare personalisations
  - Common Framework Personalisation
  - Forms Personalisation
  - HTML Personalisation

- Report on file system components
  - Review contents of files
  - Compare files contents across environments; ensure they have been migrated correctly
  - Identify files missing from any environment
- Create backup versions of technical setup in case previous details need to be reapplied
- Help check that extensions have been completed according to standards
- Ensure components are configured correctly across all environments
- Assess the impact of upgrades / patches
  - Identify customisations
  - Identify changes to standard Oracle technical components that may impact custom versions
  - Impact analysis of customisation due to upgrade

Table	Impact
APPS.AR_ADJUSTMENTS	Converted to VPD / Columns Added
APPS.AR_CASH_RECEIPTS	Converted to VPD / Columns Added / Columns Changed
APPS.AR_CASH_RECEIPT_HISTORY	Converted to VPD / Columns Added
APPS.AR_MISC_CASH_DISTRIBUTIONS	Converted to VPD / Columns Added
APPS.AR_PAYMENT_SCHEDULES	Converted to VPD / Columns Added
APPS.AR_RECEIVABLE_APPLICATIONS	Converted to VPD / Columns Added
APPS.AR_SYSTEM_PARAMETERS	Converted to VPD / Columns Added / Columns Changed
APPS.AR_VAT_TAX	Converted to VPD / Columns Added / E-Tax Impact
AR.HZ_LOCATIONS	Columns Added
AR.HZ_PARTIES	Columns Added
AR.HZ_PARTY_SITES	Columns Added
APPS.HZ_CUST_ACCT_SITES	Converted to VPD
APPS.HZ_CUST_SITE_USES	Converted to VPD
APPS.RA_CUSTOMER_TRX	Converted to VPD / Columns Added / Columns Changed
APPS.RA_CUSTOMER_TRX_LINES	Converted to VPD / Columns Added / Columns Changed
APPS.RA_CUST_TRX_LINE_GL_DIST	Converted to VPD / Columns Added
APPS.RA_CUST_TRX_TYPES	Converted to VPD / Columns Added / Columns Changed
APPS.RA_TAX_EXEMPTIONS	View Obsolete
GL.GL_CODE_COMBINATIONS	Columns Added / Columns Changed
GL.GL_PERIOD_STATUSES	Columns Added

- Highlights affected objects in custom code and how to remediate

```

FROM
ar_lookups lu_te,
ra_tax_exemptions te,
ar_lookups lu_ier,
ra_item_exception_rates ier,
ar_sales_tax st,
ar_vat_tax vt,
ar_lookups lu_line,
ar_lookups lu_line2,
ra_rules rule1,
ra_cust_trx_types ctt_prev,
ra_cust_trx_types ctt_init,
ra_cust_trx_types ctt,
mtl_system_items mtl,
ra_customer_trx_lines
ra_customer_trx ct_prev,
ra_customer_trx ct_init,
ra_customer_trx ct,
hz_cust_accounts cust_ship,
hz_parties ship_party,
hz_cust_site_uses su_ship,
hz_cust_acct_sites addr_ship,
hz_party_sites ship_ps,
hz_locations ship_loc
WHERE te.tax_exemption_id(+) = ctt.
and te.reason_code = lu_te.lookup_
and lu_te.lookup_type(+) = 'TAX_R

```

**CE.CE\_STATEMENT\_HEADERS\_ALL**  
Replaced in R12 by CE\_STATEMENT\_HEADERS table.  
Oracle Support Reference: 1374586.1

**CE.CE\_STATEMENT\_HEADERS\_INT\_ALL**  
Replaced in R12 by CE\_STATEMENT\_HEADERS\_INT table.  
Oracle Support Reference: 1374586.1

**GL.GL\_SETS\_OF\_BOOKS**  
Replaced in R12 by GL.GL\_LEDGERS  
Oracle Support Reference: 1443965.1

**PO.PO\_VENDORS**  
Replaced in R12 by AP.AP\_SUPPLIERS  
Oracle Support Reference: 1377888.1, 1290116.1

**PO.PO\_VENDOR\_SITES\_ALL**  
Replaced in R12 by AP.AP\_SUPPLIER\_SITES\_ALL  
Oracle Support Reference: 1377888.1, 1290116.1



# ConfigSnapshot

The most **comprehensive & flexible** configuration management software available for the E-Business Suite

## Benefits For Database Administrators

ConfigSnapshot provides support for database administration of Oracle E-Business Suite in several ways, including:

- Documentation for key database settings, including
  - Database objects
  - Database parameters
  - SP File parameters
  - Database registry
  - Tablespace
  - Undo / Rollback segments
  - NLS parameters
  - Database files

Name	Type	Value	Description	Default Value	Session Modifiable	System Modifiable	Adjusted	Comment
OF_DICTIONARY_ACCESSIBILITY	1	FALSE	Version 7 Dictionary Accessibility Support	Yes	No	No	No	
a_tree_bitmap_plans	1	FALSE	enable the use of bitmap plans for tables w. only 8-tree indexes	No	Yes	IMMEDIATE	No	Required (3) setting
fast_full_scan_enabled	1	FALSE	enable/disable index fast full scan	No	Yes	IMMEDIATE	No	
index_join_enabled	1	FALSE	enable the use of index joins	No	Yes	IMMEDIATE	No	Required (3) setting
lks_with_bind_as_equality	1	TRUE	treat LHS predicate with bind as an equality predicate	No	Yes	IMMEDIATE	No	
sort_elimination_cost_ratio	3	5	cost ratio for sort elimination under first_rows mode	No	Yes	IMMEDIATE	No	
sqlexec_progression_cost	3	3247483647	sql execution progression monitoring cost threshold	No	Yes	IMMEDIATE	No	
system_trig_enabled	1	TRUE	are system triggers enabled	No	No	IMMEDIATE	No	
trace_files_public	1	TRUE	is user publicly accessible trace files	No	No	No	No	
active_instance_count	3		number of active instances in the cluster database	Yes	No	No	No	

- Documentation for E-Business Suite setup, including
  - Concurrent manager definition
  - Printers
  - Print styles
  - Printer drivers
  - Workflow setups
  - Profile options
- Review / document contents of key system files, including:
  - Environment files
  - DBC files
- Comparison of setup across Oracle E-Business Suite environments to ensure setup is consistent / appropriate for each environment

- Comparison across historic versions of Oracle E-Business Suite environments to identify when changes have been made
- Improve patch management
  - Check patches applied to an environment
  - Compare patches across multiple environments
  - Determine timing statistics for patch application
  - Understand the impact of patches by identifying all components affected
  - Determine whether patches have affected components in the same way during multiple iterations of the patch application
  - Understand which patches have affected a particular component

Field Name	Value
Application Name	Application Utilities
Patch Name	3460300
Patch Type	PA TOC-SET
Original Bug Number	3460300
Patch Driver	UJ460300.drv

Bus Application Name	Bug Number	Component Application	Directory	File	Patch Version	Existing Version	Form/Function/Report Name
Application Utilities	3460300	Advanced Benefits	Forms/US	BENAUTH.fmb	115.08	115.03	Authenticate the person
Application Utilities	3460300	Advanced Benefits	Forms/US	BENELPRD.fmb	115.101	115.97	Maintain Eligibility Profiles
Application Utilities	3460300	Advanced Benefits	Forms/US	BENENEB.fmb	115.108	115.107	Non-Plan Program Enrollment
Application Utilities	3460300	Advanced Benefits	Forms/US	BENLEVR.fmb	115.116	115.109	Life Event Reasons
Application Utilities	3460300	Advanced Benefits	Forms/US	BENPLYP.fmb	115.44	115.42	Maintain Plan Type Definitions
Application Utilities	3460300	Advanced Benefits	Forms/US	BENSTOC-A.fmb	115.151.15101.2	115.151	Maintain Standard Contribution/Distribution Definitions
Application Utilities	3460300	Advanced Benefits	Forms/US	BENOC4.G.fmb	115.18	115.16	Change Event Log
Application Utilities	3460300	Advanced Pricing	Forms/US	QPCARCHV.fmb	115.10.11510.8	115.12	Archive Pricing Entities
Application Utilities	3460300	Advanced Pricing	Forms/US	QPCOCPAT.fmb	115.40.11510.4	115.42	Context and Segments
Application Utilities	3460300	Advanced Pricing	Forms/US	QPCCURRY.fmb	115.13.11510.4	115.13	Define Multi-Currency Lists
Application Utilities	3460300	Advanced Pricing	Forms/US	QPCENR.fmb	115.20.11510.2	115.20	Event Plans
Application Utilities	3460300	Advanced Pricing	Forms/US	QPCPRAL.fmb	115.30.11510.5	115.30	Add Inventory Items
Application Utilities	3460300	Advanced Pricing	Forms/US	QPCPRCA.fmb	115.33.11510.3	115.33	Copy Price List
Application Utilities	3460300	Advanced Pricing	Forms/US	QPCPRC.fmb	115.24.11510.9	115.24	Define Pricing Formulas

- Display information in a format to help ensure that installations are done according to standards defined by Oracle and any company standards
- Provide proactive rather than reactive management
- Reduce support time and issue resolution by fast query of setup information – either in reports or via interactive screen-based queries
- Facilitate interaction with Oracle Support by providing key information quickly

## ConfigSnapshot Free Trial

Email us at [configsnapshotinfo@rookerysoftware.com](mailto:configsnapshotinfo@rookerysoftware.com) to take ConfigSnapshot for a test drive against your own environments to explore the power of the product and discover for yourself the benefits it can provide.

## Free Web Demonstration

Request a free tailored web demonstration where we can discuss your specific plans and requirements for the E-Business Suite and show you how ConfigSnapshot can assist you.

Contact the ConfigSnapshot team on:  
 +44 208 133 4490 / +1 (646) 652 6650  
 Or email: [configsnapshotinfo@rookerysoftware.com](mailto:configsnapshotinfo@rookerysoftware.com)  
[www.configsnapshot.net](http://www.configsnapshot.net)

