MD.120 Release & Deployment

Transguard Group

Deployment Module Migration



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## Document Control

**Change Record**

***Note****: The version number consists of two distinct digits. The leading digit reflects the version to be considered by the users and this digit is only updated after review by Transguard HR.*

3

| **Date** | **Author** | **Version** | **Change Reference** |
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Contents

[Document Control 2](#_Toc486482338)

[Preface 5](#_Toc486482339)

[1. Introduction 6](#_Toc486482340)

[2. Description 7](#_Toc486482341)

[About Release 7](#_Toc486482342)

[Application Server Name 7](#_Toc486482343)

[Application Name 7](#_Toc486482344)

[Build Number 7](#_Toc486482345)

[Have you changed any setting on web Server? 7](#_Toc486482346)

[Have You Applied changes on DB Server? 7](#_Toc486482347)

[Have you check in all source code to SCCS? 7](#_Toc486482348)

[Downtime date & time (if required)? 7](#_Toc486482349)

[Have you communicated about this release? 8](#_Toc486482350)

[Impact on modules due to this release? Please specify. 8](#_Toc486482351)

[Any other Impact? 8](#_Toc486482352)

[DB Scripts 8](#_Toc486482353)

[3. Exceptions 15](#_Toc486482354)

[4. Open and Closed Issues 16](#_Toc486482355)

[5. Appendix A: 17](#_Toc486482356)

[6. Security: 18](#_Toc486482357)

# Preface

# Introduction

The First Task is Deployment of jar files,

We have mentioned all the jar files for deployment, which has to be kept on $JAVA\_TOP and we have to run command jar xf \*.jar

After that DB All Scripts have to Executed in Sequence of Sequence Number

After this we have **Migration Of Workflow**

After this All LDT Files has to be executed in sequence

The AME Setup is functional tasks that has to be done by Functional Administrator

# Description

### About Release

### Application Server Name

UAT Instance

### Application Name

UAT

### Build Number

### Have you changed any setting on web Server?

### Have You Applied changes on DB Server?

### Have you check in all source code to SCCS?

### Downtime date & time (if required)?

29-Jun-17

### Have you communicated about this release?

### Impact on modules due to this release? Please specify.

No Impact on any modules

### Any other Impact?

### Sequence of Activities

#### Deployment of Jar files

**We have mentioned all the jar files for deployment in the request, which has to be kept on $JAVA\_TOP and we have to run command**

**[appltguat@tghqorauat1 classes]$ jar xf log4j-1.2.16.jar**

**[appltguat@tghqorauat1 classes]$ jar xf ooxml-schemas-1.1.jar**

**[appltguat@tghqorauat1 classes]$ jar xf poi-3.7-beta1.jar**

**[appltguat@tghqorauat1 classes]$ jar xf poi-3.8.jar**

**[appltguat@tghqorauat1 classes]$ jar xf poi-ooxml-3.7.jar**

**[appltguat@tghqorauat1 classes]$ jar xf poi-ooxml-schemas-3.7.jar**

**[appltguat@tghqorauat1 classes]$ jar xf stax-api-1.0.1.jar**

**[appltguat@tghqorauat1 classes]$ jar xf xmlbeans-2.4.0.jar**

**Unzip oaft-v2.0.zip**

**Add to $JAVA\_TOP/com/ from oaft-v2.0/com/\***

#### DB Scripts

**Please execute the following scripts in sequence**

**10\_XXTG\_CUSTOM\_TAB\_REG**

**11\_REGISTER\_TABLE\_PROCEDURE**

**15\_CREATE\_REGISTER\_TABLE\_SCRIPT\_V2**

**30\_XXTG\_CA\_DEPLOYMENT\_PKG**

**40\_XXTG\_AME\_APPROVAL\_PKG**

**50\_XXTG\_AME\_START\_APPR\_PKG**

**60\_XXTG\_CA\_GEN\_PKG**

**65\_XXTG\_CONTRACT\_AUDIT**

#### Migration of Workflow

**Copy the Workflow to $APPL\_TOP/tgcust/12.0.0/patch/115/import/XXTGCA.wft**

**execute following in sqlplus**

**WFLOAD apps/$appspwd@TGUAT 0 Y FORCE $APPL\_TOP/tgcust/12.0.0/patch/115/import/XXTGCA.wft**

#### Migration of OAF Code

**After Copying All the Files to TGCUST.zip to $JAVA\_TOP/oracle/apps/tgcust**

**please change the directory to server in XXTGCA and run the following java script**

**javac \*.java**

**please change the directory to webui in XXTGCA and run the following java script**

**javac \*.java**

**please change the directory to server in CA and run the following java script**

**javac \*.java**

**please change the directory to webui in CA and run the following java script**

**javac \*.java**

**we have to run following in SQL to delete existing pages**

**DECLARE**

**BEGIN**

**jdr\_utils.deletedocument(p\_document => '/oracle/apps/tgcust/xxtgca/webui/CAQueryPG');**

**jdr\_utils.deletedocument(p\_document => '/oracle/apps/tgcust/xxtgca/webui/ImportxlsPG');**

**jdr\_utils.deletedocument(p\_document => '/oracle/apps/tgcust/ca/webui/ContractsSearchPG');**

**commit;**

**END;**

**to check existence of pages execute following command, it should return null;**

**DECLARE**

**BEGIN**

**jdr\_utils.printDocument('/oracle/apps/tgcust/xxtgca/webui/ImportxlsPG',1000);**

**EXCEPTION**

**WHEN OTHERS THEN**

**DBMS\_OUTPUT.PUT\_LINE(SQLERRM);**

**END;**

**DECLARE**

**BEGIN**

**jdr\_utils.printDocument('/oracle/apps/tgcust/xxtgca/webui/CAQueryPG',1000);**

**EXCEPTION**

**WHEN OTHERS THEN**

**DBMS\_OUTPUT.PUT\_LINE(SQLERRM);**

**END;**

**java oracle.jrad.tools.xml.importer.XMLImporter $JAVA\_TOP/oracle/apps/tgcust/xxtgca/webui/CAQueryPG.xml -username apps -password $pass -dbconnection "(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=tghqodb-scan.transguard.ae)(PORT=1521))(CONNECT\_DATA=(SERVICE\_NAME=PROD)))" -rootdir $JAVA\_TOP**

**java oracle.jrad.tools.xml.importer.XMLImporter $JAVA\_TOP/oracle/apps/tgcust/xxtgca/webui/ImportxlsPG.xml -username apps -password $pass -dbconnection "(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=tghqodb-scan.transguard.ae)(PORT=1521))(CONNECT\_DATA=(SERVICE\_NAME =PROD)))" -rootdir $JAVA\_TOP**

**java oracle.jrad.tools.xml.importer.XMLImporter $JAVA\_TOP/oracle/apps/tgcust/xxtgca/webui/posLOVRN.xml -username apps -password $pass -dbconnection "(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=tghqodb-scan.transguard.ae)(PORT=1521))(CONNECT\_DATA=( SERVICE\_NAME =PROD)))" -rootdir $JAVA\_TOP**

**java oracle.jrad.tools.xml.importer.XMLImporter $JAVA\_TOP/oracle/apps/tgcust/ca/webui/ContractsSearchPG.xml -username apps -password $pass -dbconnection "(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=tghqodb-scan.transguard.ae)(PORT=1521))(CONNECT\_DATA=( SERVICE\_NAME =PROD)))" -rootdir $JAVA\_TOP**

#### Migration of Setup

**Execute this from Application server by first copying the LDT.zip to $TGCUST\_TOP/bin folder and unzip it and run the following commands, we need apps password for this**

**--0. Concurrent Program LDT**

**FNDLOAD apps/$appspwd 0 Y UPLOAD $FND\_TOP/patch/115/import/afcpprog.lct 100\_XXTG\_VALIDATE\_CP.ldt - WARNING=YES UPLOAD\_MODE=REPLACE CUSTOM\_MODE=FORCE**

**FNDLOAD apps/$appspwd 0 Y UPLOAD $FND\_TOP/patch/115/import/afcpprog.lct 80\_XXTG\_CONTRACT\_AUDIT\_CP.ldt - WARNING=YES UPLOAD\_MODE=REPLACE CUSTOM\_MODE=FORCE**

**FNDLOAD apps/$appspwd O Y UPLOAD $FND\_TOP/patch/115/import/afcpprog.lct 105\_XXTG\_DELETE\_ORPHAN\_CP.ldt**

**FNDLOAD apps/$appspwd O Y UPLOAD $XDO\_TOP/patch/115/import/xdotmpl.lct 90\_XXTG\_CONTRACT\_AUDIT\_DD.ldt**

**FNDLOAD apps/$appspwd O Y UPLOAD $XDO\_TOP/patch/115/import/xdotmpl.lct 70\_XXTG\_OAF\_PRINT\_DD\_TEMPLATE.ldt**

**--9. Menu**

**$FND\_TOP/bin/FNDLOAD apps/$CLIENT\_APPS\_PWD O Y UPLOAD $FND\_TOP/patch/115/import/afsload.lct 190\_XXTG\_DEPLOYMENT\_CREATOR\_MENU.ldt**

**--10 Request Group**

**FNDLOAD apps/$appspwd O Y UPLOAD $FND\_TOP/patch/115/import/afcpreqg.lct 200\_REPORT\_GROUP\_NAME.ldt**

**FNDLOAD apps/$appspwd O Y UPLOAD $FND\_TOP/patch/115/import/afcpreqg.lct 201\_REPORT\_GROUP\_NAME.ldt**

**--11 Responsibility**

**## note that XX\_PERSON\_RESPY is the responsibility key**

**## Now to upload**

**FNDLOAD apps/$appspwd O Y UPLOAD $FND\_TOP/patch/115/import/afscursp.lct 210\_RESPONSIBILITY.ldt**

**FNDLOAD apps/$appspwd O Y UPLOAD $FND\_TOP/patch/115/import/afscursp.lct 211\_RESPONSIBILITY.ldt**

**--12 Message**

**FNDLOAD apps/$appspwd 0 Y UPLOAD $FND\_TOP/patch/115/import/afmdmsg.lct 220\_MESSAGE.ldt**

**--13 Profile**

**FNDLOAD apps/$appspwd O Y UPLOAD $FND\_TOP/patch/115/import/afscprof.lct 230\_PROFILES.ldt**

**--14 Lookup**

**FNDLOAD apps/apps O Y UPLOAD $FND\_TOP/patch/115/import/aflvmlu.lct 240\_PROFILE\_XXTG\_DEP\_MOD\_NO\_APPROVER\_LKP.ldt UPLOAD\_MODE=REPLACE CUSTOM\_MODE=FORCE**

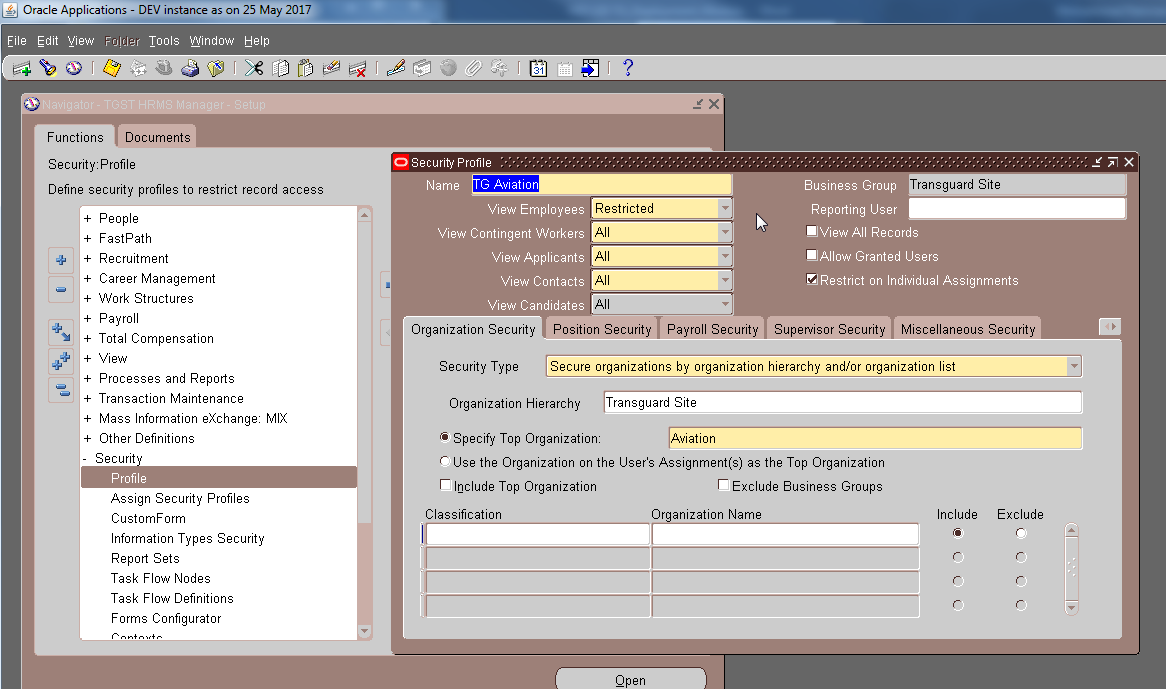
#### Functional Setup of AME

**Execute Following Task by Functional Administrator with Access to Approval Management Engine Business Analyst and Approval Management Engine Administrator Responsibility**

**Please do setup from AME\_SETUP\_TRAIN.docx Verbatim from TRAIN Instance**

#### Setup by System Administrator

1. Create Security Profile in TGST HRMS Setup Manager Called “TG Aviation” as in the snapshot



And Assign HR:Security Profile for Aviation Deployment and MOS Deployment Responsibility to “TG Aviation” and “Manpower and Outsource” Respectively

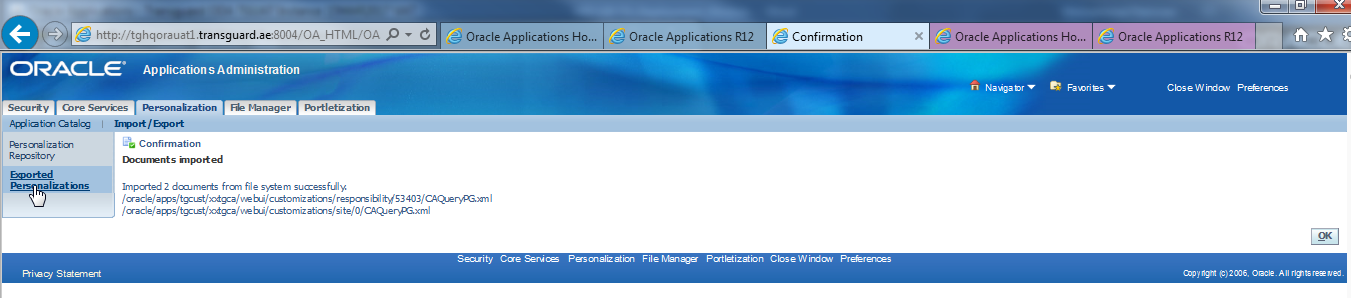
1. Run “Security List Maintenance” Program in TGST HRMS Setup Manager
2. Update Data Definition for XXTG\_CONTRACT\_PRINT to XXTG\_CONTRACT\_V3.xml
3. Update Layout for XXTG\_CONTRACT\_PRINT to XXTG\_CONTRACT\_V2.rtf
4. Update Data Definition for XXTG\_CONTRACT\_AUDIT to XXTG\_CONTRACT\_AUDIT\_V4.xml
5. Update Layout for XXTG\_CONTRACT\_AUDIT to XXTG\_CONTRACT\_AUDIT\_V1.rtf
6. Update Layout for XXTG\_DRAFT\_CONTRACT\_PRINT to XXTG\_CONTRACT\_PRINT\_OAF\_V5.rtf

Setup by Functional Administrator

Copy the file oracle.zip to /ERP/PROD/Personalization and unzip it

Logon to Apps🡪 Responsibility Functional Administrator🡪 (Tab) Personalization 🡪 Export Personalization🡪 (Button) Import from file

Click and we should see the following page



# Exceptions

# Open and Closed Issues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Issue | Decision | Date | Ownership |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |

# Appendix A:

# Security:

1. **Access Control Requirements:**

* Requiring a user identification and password to restrict system and data access.
* Developing applications that will not be overridden by SQL commands.
* Programming with valid accounts (ex: do not use anonymous or default accounts).
* Encrypt local passwords and follow the company password management policy.
* Integrate with Active directory using LAPS protocol.

1. **System and Data Integrity Concerns:**

* Perform software upgrades and security patches as per approvals.
* Restricted use of configuration files.
* Allow only acceptable error codes with proper handle.
* Data encryption for sensitive or critical data.
* Cookies holding sensitive information must be encrypted.

1. **Privacy/Confidentiality**

* Do not store sensitive information on web pages.
* Do not using persistent cookies (lifetime – undefined).
* Do not store personal information into cookies.

1. **Application security**

The developers must ensure that OWASP top 10 application security is addressed

* Injection
* Broken Authentication and Session Management
* Cross-Site Scripting (XSS)
* Broken Access Control (As it was in 2004)
* Web and Application Security Misconfiguration
* Sensitive Data Exposure
* Insufficient Attack Protection (NEW)
* Cross-Site Request Forgery (CSRF)
* Using Components with Known Vulnerabilities
* Under protected APIs (NEW)
* Hidden Field Manipulation

1. **Source code**

* Protect the source code with user identification and password
* Source Code definition must mention “meaningful information, eye readable, and unencrypted
* The codes written must be free from Viruses, Trojans, Bugs and other factors that may jeopardise its working, use of licensed software, testing and acceptance criteria, jurisdiction of Legal aspects.
* All codes should be submitted to TFS.

1. **Documentation**

* Techno functional Change Description.
* Deployment document.
* UAT Cases.

1. **Development Tools**

* Developer can use only below development tool to develop any application. In case of any new tool requirement development team must take approval from TG. Telerik, Obout, Twin Control, Visual Studio, Ajax Control, Fusion, Crystal Report, SQL Reporting, SQL Server, ORM, .NET Framework Version, PL-SQL Developer, SQL Developer, Data Loader, Oracle J Developer, Oracle Forms, Oracle Report, JVM /JDK.
* Application look and feel should be as per TG standard.