Oracle® Financial Services Compliance Regulatory Reporting Installation Guide

Release 8.1.2.11.0

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ORACLE®

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About This Guide

Oracle Financial Services Compliance Regulatory Reporting (OFS CRR) Installation Guide provides step-by-step instructions to install the OFS CRR Maintenance Level (ML) release.

Audience

The OFSCRR Installation Guide is designed for use by Oracle Financial Services Administration Users and the implementation team.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Related Resources

*   Compliance Regulatory Reporting

*   OFS Analytical Applications Infrastructure

*   OFSAA Licensing Information User Manual

*   OFS Analytical Applications Technology Matrix

Conventions

The following text conventions are used in this document.

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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Pre-Installation

Ensure that the following prerequisites are present before you install this Maintenance Release:

1. Download the OFS_CRR 8.1.2.11.0 archive file from MOS by searching the patch number 38509439 under the Patches & Updates tab.

    > ⓘ **Note**
    >
    > Java11 cannot be installed on Solaris.

2. Downgrade the commons-logging jar file from version 1.3.1 to 1.1.3 to fix the following issues
   Bug 37590204 - FCCM: Web Server Deployed Side Logs Folder is Almost Blank No Log Files Getting Printed Like UMMSERVICELOG

3. Before applying AAI 8.1.2.5.0 patch, copy the commons-logging-1.1.3.jar from

   `$FIC_HOME/ficweb/webroot/WEB-INF/lib`

   to local folder

4. Download and apply the OFS_AAI_8.1.2.5.0 file from MOS by searching the patch number 38509439 under the Patches & Updates tab. For more information, see OFS AAI Installation Guide.

5. Download and apply the OFS ECM 8.1.2.11.0 ML archive file from MOS by searching the patch number 38376346 under the Patches & Updates tab. For more information, see OFS ECM Installation Guide .

    > ⓘ **Note**
    >
    > This step is applicable only if you are using OFS ECM.

6. Provide the following grants to Atomic user by login using SYSDBA user.

   - GRANT execute ON DBMS_LOCK to <<ATOMIC USER>>

   - Grant execute on dbms_scheduler to <<ATOMIC USER>>

   - Grant create job to <<ATOMIC USER>>

7. Apply the following mandatory patches in the exact order listed before upgrading to CRR 8.1.2.11.0:

   - 1- Environments with BD 8.1.2.8.x and CRR 8.1.2.8.x

     – CRR 8.1.2.8.1 (Patch 37073503)

     – CRR 8.1.2.8.2 (Patch 37079344)

     – BD 8.1.2.8.1 (Patch 37168150)

- 2- Environments with BD 8.1.2.x and CRR 8.1.2.x (excluding CRR 8.1.2.8.x)

  – CRR 8.1.2.0.2 (Patch 37529329)

  – CRR 8.1.2.0.3 (Patch 37529337)

- 3- Environments with CRR 8.1.2.8.x and no BD installed

  – CRR 8.1.2.8.1 (Patch 37073503)

  – CRR 8.1.2.8.2 (Patch 37079344)

- 4- Environments with CRR 8.1.2.x (excluding CRR 8.1.2.8.x) and no BD installed

  – CRR 8.1.2.0.4 (Patch 37635174)

  – CRR 8.1.2.0.5 (Patch 37637396)

  – CRR 8.1.2.0.2 (Patch 37529329)

  – CRR 8.1.2.0.3 (Patch 37529337)

> ⓘ **Note**
>
> Install in the same order means each subsequent patch must be applied only after successfully completing the previous one.

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Files Packaged in This ML Release

The list of files packaged in this ML release is as follows:

- [Modified Files](#)
- [Database Files](#)
- [Build Related Files](#)

3.1 Modified Files

The list of product files modified due to this patch is as follows:

- XMLs
    - AcknowlegdementConfig.xml
    - books.xml
    - CRR_DataModel.xml
    - CRR_EG_AcctAddEx.xml
    - CRR_EG_ActBtn.xml
    - CRR_EG_AddRep.xml
    - CRR_EG_AutoDirAddG.xml
    - CRR_EG_AutoDirAdd.xml
    - CRR_EG_List.xml
    - CRR_EG_PMFActApr.xml
    - CRR_EG_TAB2_ENTITY10.xml
    - CRR_EG_TAB2_ENTITY8.xml
    - CRR_EG_TAB2.xml
    - CRR_EG_TAB4_ENTITY18.xml
    - CRR_EG_TAB4_ENTITY26.xml
    - CRR_EG_TAB4_ENTITY28.xml
    - CRR_EG_TAB4_ENTITY30.xml
    - CRR_EG_TAB4_ENTITY38.xml
    - CRR_EG_TAB4_ENTITY40.xml
    - CRR_EG_TAB4.xml
    - CRR_EG_TAB5_TRXN.xml
    - CRR_EG_TAB6_TRXN.xml
    - CRR_EG_TAB6.xml
    - DB_Install.xml

– DIM_AMNT_UNKNOWN_TL.xml

– DIM_BRANCH_ROLE_TL.xml

– DIM_COMMUNICATION_TYPE_TL.xml

– DIM_COUNTRY_TL.xml

– DIM_CRR_REF_DETAIL.xml

– DIM_DOMAIN1_TL.xml

– DIM_DOMAIN2_TL.xml

– DIM_DOMAIN3_TL.xml

– DIM_DOMAIN4_TL.xml

– DIM_DOMAIN5_TL.xml

– DIM_EXTRNL_USERS_LIST.xml

– DIM_FED_REGULATOR_TL.xml

– DIM_FILING_INST_TL.xml

– DIM_FILING_INST.xml

– DIM_FILING_TYPE_TL.xml

– DIM_FINANCIAL_INST_TYPE_TL.xml

– DIM_FININST_ID_TYPE_TL.xml

– DIM_FININST_ROLE_TL.xml

– DIM_GAMING_INST_TL.xml

– DIM_GENDER_TL.xml

– DIM_INSIDER_RELN_TYPE_TL.xml

– DIM_NAICS_CODE_TL.xml

– DIM_RELN_FININST_TL.xml

– DIM_REPORTING_ENTITY_DTLS_TL.xml

– DIM_ROLE_TL.xml

– DIM_SEC_FUT_INST_FININST_TL.xml

– DIM_SEC_FUT_INST_TL.xml

– DIM_STATES_TL.xml

– DIM_SUSPECT_ID_TYPE_TL.xml

– DIM_SUS_ROLE_TL.xml

– DIM_TIN_TYPE_TL.xml

– DIM_TRXN_LOC_INFO_TL.xml

– FCT_BRANCH_INFO_TL.xml

– FCT_FININST_INFO_TL.xml

– FCT_TRANSMITTER_INFO_TL.xml

– files.xml

– FrmAckDtlsG.xml

– FrmAckErrG.xml

- – FrmAckG.xml

- – FrmAck_OPR_Err.xml

- – FrmAck_OPR.xml

- – FrmCRRAckw.xml

- – FrmCRRCompTypeData.xml

- – FrmCRRConfigHDRG.xml

- – FrmCRRConfig_OPR.xml

- – FrmCRRConfig.xml

- – FrmCRREntDtls.xml

- – FrmCRREntJoin.xml

- – FrmCRROutputAttr.xml

- – FrmCRROutputData.xml

- – FrmCRROutputEntities.xml

- – FrmCRRSRCAttr.xml

- – FrmCRRSrcData.xml

- – FrmCRRSrcTrg.xml

- – FrmCRRVadDtls.xml

- – FrmCRRVadFormDtls.xml

- – GridCtrl.xml ix.xml

- – MasterThemeSchema.xml

- – messages.xml

- – PatchConfig.xml

- – Post_Scripts.xml

- – Pre_Scripts.xml

- – RR_EG_ViewRepG.xml

- – RR_EG_ViewRepP.xml

- – RR_Sec_Lane_Params.xml

- – SearchOptions.xml

- – settings.xml

- – sun-jaxws_OFS_CRR.xml

- – synonyms.xml

- – synonym.xml

- – TextBoxCtrl.xml

- – toc.xml

- – TRGMAP_ENTITY.xml

- – TRGMAP_JOIN.xml

- – TRGMAP_MAPPING.xml

- – ValidationConfig.xml

- – ValidationFormDtls.xml

- – web.append.xml

- – whfts.xml

- – whst_topics.xml

- Jars

  - – CRRAckProcess.jar

  - – CRRConfigUpd.jar

  - – CRRDataIngestion.jar

  - – CRROutputReport.jar

  - – CRRSourceGen.jar

  - – CRRSrcClient.jar

  - – CRRSrcConfigAPI.jar

  - – CRRUIActions.jar

  - – CRRUIBuilder.jar

  - – ficapp_zg_ia_sf.jar

  - – ficdb_zg_ia_sf.jar

  - – fichome_zg_ia_sf.jar

  - – ficweb_zg_ia_sf.jar

  - – ftpshare_zg_ia_sf.jar

  - – JBC.jar

  - – RRS.jar

  - – validateXMLInputs.jar

- JS

  - – aai-crr.js

  - – ackFileBrowser.js

  - – alinks.js

  - – andsearchfield1.js

  - – andsearchfield.js

  - – audit.js

  - – bklist1s.js

  - – bookgrps.js

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  - – books.js

  - – browser.js

  - – CASTR_complete_action_AccHolderSubTab.js

  - – CASTR_complete_action_BeneficiarySubTab.js

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  - – CASTR_Completion_Action.js

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- – CASTR_starting_action_AccHolderSubTab.js
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- – CASTR_Starting_Action.js
- – CASTR_starting_action_OBISubTab.js
- – CASTR_starting_action_SrcFndSubTab.js
- – CASTR_transaction_information.js
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- – controls.js
- – crrFileBrowser.js
- – crrFWSolution.js
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- – ehlpdhtm.js
- – expand.js
- – favorite.js
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- – financial_institution_activity_occured.js
- – glo.js
- – glo.new.js
- – glossarylist.js
- – glossarylistloader1.js
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- ofsrr_2.4_bstr_user_guide_about_this_guide.1.4.html
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- – ofsrr_us_sardi_user_guide_2.5.1_chap3.4.71.html
- – ofsrr_us_sardi_user_guide_2.5.1_chap3.4.72.html
- – ofsrr_us_sardi_user_guide_2.5.1_chap3.4.73.html
- – ofsrr_us_sardi_user_guide_2.5.1_chap3.4.74.html
- – ofsrr_us_sardi_user_guide_2.5.1_chap3.4.75.html
- – ofsrr_us_sardi_user_guide_2.5.1_chap3.4.76.html
- – ofsrr_us_sardi_user_guide_2.5.1_chap3.4.77.html
- – ofsrr_us_sardi_user_guide_2.5.1_chap3.4.7.html
- – ofsrr_us_sardi_user_guide_2.5.1_chap3.4.8.html
- – ofsrr_us_sardi_user_guide_2.5.1_chap3.4.9.html
- – report_information.html
- – SearchandList.html
- – Stationary_index.html
- – subject_information.html
- – User_Admn_RegRep_Attr.html
- – User_Admn_Securelane_Param.html
- – usr_subject_alt_name.html
- – usr_subject_email.html
- – usr_subject_form_of_id.html
- – usr_subject_info_address.html
- – usr_subject_info_phone.html
- – usr_subject_relFinInst.html
- – usr_subject_website_account.html
- – usr_suspicious_activity_information.html

- – usr_xsd_validation.html
- – ussar_ackFileBrowser.html
- – ussar_CreateNewReport.html
- – ussar_DocAttach.html
- – ussar_Document.html
- – ussar_FileRegRep.html
- – ussar_ReportDetails.html
- – ussar_SearchList.html
- – ussar_webservice.html
- • CSS
  - – book.css
  - – crr-icons.css
  - – CRRLandingPage.css
  - – default.css
  - – file_regulatory_reports.css
  - – form-elements.css
  - – grid.css
  - – id_str_css.css
  - – jquery-ui.css
  - – jqueryui-custom.css
  - – layout.css
  - – layoutfix.min.css
  - – layout.min.css
  - – main_.css
  - – main.css
  - – modal.css
  - – newwave_crr.css
  - – NextGen1.css
  - – NextGen.css
  - – ofsaa.css
  - – ofsrr_2.4_bstr_user_guide_about_this_guide.css
  - – ofsrr_2.4_bstr_user_guide_chap1.css
  - – ofsrr_2.4_bstr_user_guide_chap2.css
  - – ofsrr_2.4_bstr_user_guide_chap3.css
  - – ofsrr_2.5.1_kystr_user_guide_about_this_guide.css
  - – ofsrr_2.5.1_kystr_user_guide_chap1.css
  - – ofsrr_2.5.1_kystr_user_guide_chap2.css
  - – ofsrr_2.5.1_kystr_user_guide_chap3.css

- – ofsrr_2.5.2_bdrwugstr_user_guide_about_this_guide.backup.css

- – ofsrr_2.5.2_bdrwugstr_user_guide_about_this_guide.css

- – ofsrr_2.5.2_bdrwugstr_user_guide_chap1.css

- – ofsrr_2.5.2_bdrwugstr_user_guide_chap2.css

- – ofsrr_2.5.2_bdrwugstr_user_guide_chap3.css

- – ofsrr_2.5.4_bdrwugstr_user_guide_chap3.css

- – ofsrr_2.5.6_castr_user_guide_chap4.css

- – ofsrr_2.5_egstr_user_guide_about_this_guide.css

- – ofsrr_2.5_egstr_user_guide_chap1.css

- – ofsrr_2.5_egstr_user_guide_chap2.css

- – ofsrr_2.5_egstr_user_guide_chap3.css

- – ofsrr_8.0.4_rustr_user_guide_cover.css

- – ofsrr_8.0.5_instr_user_guide_chap3.css

- – ofsrr_8_0_5_instr_user_guide_chap4.css

- – ofsrr_us_sardi_user_guide_2.5.1_1about_RRS.css

- – ofsrr_us_sardi_user_guide_2.5.1_4file_regulatory_reports.css

- – ofsrr_us_sardi_user_guide_2.5.1_about_this_guide.css

- – ofsrr_us_sardi_user_guide_2.5.1_chap2.css

- – ofsrr_us_sardi_user_guide_2.5.1_chap3.css

- – Redwood03052021.css

- – SearchForm.css

- – searchList.css

- – style.css

- – stylesheet.css

- – topic.min.css

- – webworks.css

- – widgets.min.css

- Properties Files

  - – CRRRestCALL.properties

  - – publication.properties

- Excel Files

  - – DIM_AMNT_UNKNOWN_TL.xlsx

  - – DIM_BRANCH_ROLE_TL.xlsx

  - – DIM_COMMUNICATION_TYPE_TL.xlsx

  - – DIM_DOMAIN1_TL.xlsx

  - – DIM_DOMAIN2_TL.xlsx

  - – DIM_DOMAIN3_TL.xlsx

  - – DIM_DOMAIN4_TL.xlsx

- DIM_DOMAIN5_TL.xlsx
- DIM_EXTRNL_USERS_LIST.xlsx
- DIM_FED_REGULATOR_TL.xlsx
- DIM_FILING_INST_TL.xlsx
- DIM_FILING_INST.xlsx
- DIM_FILING_TYPE_TL.xlsx
- DIM_FINANCIAL_INST_TYPE_TL.xlsx
- DIM_FININST_ID_TYPE_TL.xlsx
- DIM_FININST_ROLE_TL.xlsx
- DIM_GAMING_INST_TL.xlsx
- DIM_GENDER_TL.xlsx
- DIM_INSIDER_RELN_TYPE_TL.xlsx
- DIM_NAICS_CODE_TL.xlsx
- DIM_RELN_FININST_TL.xlsx
- DIM_ROLE_TL.xlsx
- DIM_SEC_FUT_INST_TL.xlsx
- DIM_STATES_TL.xlsx
- DIM_SUSPECT_ID_TYPE_TL.xlsx
- DIM_SUS_ROLE_TL.xlsx
- DIM_TIN_TYPE_TL.xlsx
- DIM_TRXN_LOC_INFO_TL.xlsx
- FCT_BRANCH_INFO_TL.xlsx
- FCT_FININST_INFO_TL.xlsx
- FCT_TRANSMITTER_INFO_TL.xlsx

- Batch Files
  - CRRExternalUserManagement.sh
  - InitiateFeedbackBatch.sh
  - install.sh
  - TransferAckToCloudMask.sh
  - TransferAckToSecurelane.sh
  - TransferEfileToCloudMask.sh
  - TransferEfileToSecurelane.sh
  - TransferMSGToSecurelane.sh

> ⓘ **Note**
>
> - Take a backup of above mentioned files as a precautionary measure.
> - If any customizations done to these files, they need to be re-applied.

3.2 Database Files

The list of updated/added files that impact the database is as follows:

- Config Schema
    - USSAR_FFW_812.sql
    - RR_Sec_Lane_Params.sql
    - RR_EG_ViewRepP.sql
    - RR_EG_ViewRepG.sql
    - PLC_FN_JIT_CRR_SYNCH_ADHOC_BATCH.sql
    - PLC_CRRPURGE.sql
    - MESSAGES_EN_US_OJET_GOAML.sql
    - MESSAGES_EN_US_OJET_CASTR.sql
    - MESSAGES_EN_US.SQL
    - INSERT_INFODOM_PATCHES.sql
    - EXCEL_MAPPING_MASTER_LP.sql
    - EXCEL_MAPPING_MASTER_8128.sql
    - DB_Install.xml CRR_USSAR_PMF.sql
    - CRR_EG_TAB6_INVLPRTY.sql
    - CRR_EG_TAB6_ENTITY_60_62.sql
    - CRR_EG_TAB5_8128.sql
    - CRR_EG_TAB4_ENTITY44.sql
    - CRR_EG_TAB4_ENTITY43.sql
    - CRR_EG_TAB4_ENTITY42_81280.sql
    - CRR_EG_TAB4_ENTITY40_81280.sql
    - CRR_EG_TAB4_ENTITY40.sql
    - CRR_EG_TAB4_ENTITY30_81280.sql
    - CRR_EG_TAB4_ENTITY30.sql
    - CRR_EG_TAB4_ENTITY24_81280.sql
    - CRR_EG_TAB4_ENTITY23_81280.sql
    - CRR_EG_TAB4_ENTITY16_81280.sql
    - CRR_EG_TAB1_ENTITY7.sql
    - CRR_EG_PMFActApr.sql
    - CRR_EG_ListG.sql
    - CRR_EG_AutoDirAddG.sql
    - CRR_EG_AutoDirAdd.sql
    - CRR_EG_ActBtn.sql
    - AAI_PROV_JIT_RRS.sql

- – 37037279_MESSAGES_EN_US.sql

- – 36620743_MESSAGES_EN_US.sql

- – 35961988_MESSAGES_EN_US.SQL

- – 34802661_MESSAGES_EN_US.sql

- – 32787387_MESSAGES_EN_US_8111.sql

- – 28398616_MESSAGES_EN_US.SQL 81210_PMF_WORKFLOW.sql

- – 8128_OJET_FFW.sql

- – 8127_MESSAGES_EN_US_GOAML.sql

- – 8126_OJET_OldScreen_Removal.sql

- – 8126_OJET_FFW.sql

- – 8122_OJET_FFW.sql

- – Menu_611.sql

- – FrmCRRVadFormDtls.sql

- – FrmCRRVadDtls.sql

- – FrmCRRSrcTrg.sql

- – FrmCRRSrcData.sql

- – FrmCRRSRCAttr.sql

- – FrmCRROutputEntities.sql

- – FrmCRROutputData.sql

- – FrmCRROutputAttr.sql

- – FrmCRREntJoin.sql

- – FrmCRREntDtls.sql

- – FrmCRRConfigHDRG.sql

- – FrmCRRConfig_OPR.sql

- – FrmCRRConfig.sql

- – FrmCRRCompTypeData.sql

- – FrmCRRAckw.sql

- – FrmAckG.sql

- – FrmAckDtlsG.sql

- – FrmAck_OPR.sql

- Application Scripts

  - – CRR_PreInstallation_Script_81210.sql

  - – CRR_PostInstallation_Script_81210.sql

  - – USSAR_LP_Script.sql

  - – SRC_TARGET_CONFIG_GOAML_NGECM.sql

  - – SETUP_CRR_ACK_PATTERN.sql

  - – OFSAACMPRR-12883.sql

  - – OFSAACMPRR-11669.sql

- GOAML_LP_Script.sql
- FCT_CRR_VAD_FORMS_HIER_GOAMLSTR_81280.sql
- FCT_CRR_VAD_FORMS_HIER_GOAMLSTR.sql
- FCT_CRR_VAD_DTLS_GOAMLSTR_8128.sql
- FCT_CRR_VAD_DTLS_GOAMLSTR.sql
- FCT_CRR_CODE_SET_TRNLN_TL.sql
- FCT_CRR_CODE_SET_TRNLN_B.sql
- FCC_CRR_UIB_STDCONFIG.sql
- FCC_CRR_UIB_FODEFN.sql
- FCC_CRR_UIB_ENTITY.sql
- FCC_CRR_UIB_ATTRIBUTE.sql
- DIM_SUSPECT_ID_TYPE.sql
- DIM_SUS_ACTIVITY.sql
- DIM_RR_ACTION.sql
- DIM_NAICS_CODE_2887.sql
- DIM_NAICS_CODE.sql
- DIM_FILING_TYPE.sql
- DIM_CRRF_DOCTYPE.sql
- DIM_CRR_SRC_APP.sql
- DIM_CRR_REF_DETAIL.sql
- DIM_CRR_DIMENSION_VALS.sql
- DIM_CRR_DIMENSION_SETS.sql
- CRRF_TEMP_DATACOPY.sql
- CRRF_TEMP_DATA.sql
- CASTR_LP_Script.sql
- APPLN_PARAMS_8124.sql
- APPLN_PARAMETERS_8122.sql
- APPLN_PARAMETERS.SQL
- 36449728_SRC_TARGET_CONFIG_GOAML_NGECM.sql
- 36449728_DIM_CRRF_SUBENTITY.sql
- 28398603_PSDM.sql
- 81283_MAP_USERROLE_ACTIONCD.sql
- 81280_MAP_USERROLE_ACTIONCD.sql
- 81271_APPLN_PARAMETERS.sql
- 81270_DIM_RR_ACTION.sql
- 81260_MAP_USERROLE_ACTIONCD.sql
- 81260_FCT_CRR_OUT_ATTRIBUTE.sql
- 81254_DIM_RR_ACTION.sql

- – 81210_MAP_USERROLE_ACTIONCD.sql

    - – 81210_MAP_TIN_TYPE_REPTYPE.sql

    - – 81210_MAP_SUS_ROLE_REPTYPE.sql

    - – 81210_MAP_GENDER_REPTYPE.sql

    - – 81210_MAP_COMM_TYPE_REPTYPE.sql

    - – 81210_DIM_RR_ACTION.sql

    - – 8129_APPLN_PARAMETERS.sql

    - – 8128_GOAML_INITIALIZE.sql

    - – 8128_GOAML_FCT_CRR_TRG_SRC_TRG_MAP.sql

    - – 8128_GOAML_FCT_CRR_OUT_DATA_FORMAT.sql

    - – 8128_APPLN_PARAMETERS.sql

    - – 8121_APPLN_PARAMETERS.sql

    - – 4244_APPLN_PARAMETERS.sql

- • Functions

    - – fn_purge_crr.sql

    - – FN_USSAR_REL_FININST.sql

    - – fn_seqid_info.sql

    - – FN_JIT_CRR_SYNCH_ADHOC_BATCH.sql

    - – FN_GOAML_GET_PARTY_ROLE.sql

    - – fn_in_string_list.sql

- • Procedures

    - – CRR_PURGE_TABLE_SCRIPT.sql

    - – p_crr_compare_tables.sql

    - – P_JIT_CRR_SYNCH_ADHOC_BATCH.sql

    - – P_FCC_OFS_CRR_JIT_SEC_MAP.sql

    - – PR_COPYCONFIGURATION.sql

- • Packages

    - – pkg_sardi_addnewrep_body.sql

    - – pkg_sardi_addnewrep.sql

    - – PKG_RRSTD_SAVE_BODY.sql

    - – PKG_RRSTD_SAVE.sql

    - – pkg_rrsardi_save_body.sql

    - – pkg_rrsardi_save.sql

    - – pkg_rrsardi_del_body.sql

    - – pkg_rrsardi_del.sql

    - – PKG_RRRUS_SAVE_BODY.sql

    - – PKG_RRRUS_SAVE.sql

    - – PKG_RRIN_SAVE_BODY.sql

- PKG_RRIN_SAVE.sql

- PKG_RRCA_TRANSINFO_BODY.sql

- PKG_RRCA_TRANSINFO.sql

- PKG_RRCA_STARTACT_BODY.sql

- PKG_RRCA_STARTACT.sql

- PKG_RRCA_SAVE_BODY.sql

- PKG_RRCA_SAVE.sql

- pkg_rrca_revised_report_body.sql

- pkg_rrca_revised_report.sql

- PKG_RRCA_GENINFO_BODY.sql

- PKG_RRCA_GENINFO.sql

- PKG_RRCA_DETOFSUSP_BODY.sql

- PKG_RRCA_DETOFSUSP.sql

- PKG_RRCA_DEL_BODY.sql

- PKG_RRCA_DEL.sql

- PKG_RRCA_COMPLETEACT_BODY.sql

- PKG_RRCA_COMPLETEACT.sql

- pkg_rr_goaml_report_entity_body.sql

- pkg_rr_goaml_report_entity.sql

- PKG_RR_GOAML_REPORT_ACTION_BODY.sql

- PKG_RR_GOAML_REPORT_ACTION.sql

- PKG_RR_GOAML_INVLVD_PERSON_DTLS_BODY.sql

- PKG_RR_GOAML_INVLVD_PERSON_DTLS.sql

- PKG_RR_GOAML_INVLVD_ACCNT_DTLS_BODY.sql

- PKG_RR_GOAML_INVLVD_ACCNT_DTLS.sql

- PKG_GOAML_TXN_SAVE_BODY.sql

- PKG_GOAML_TXN_SAVE.sql

- PKG_CRR_PURGE_BODY.sql

- PKG_CRR_PURGE.sql

- PKG_CA_ADDNEWREP_BODY.sql

- PKG_CA_ADDNEWREP.sql

- PKG_AUTO_SPLIT_ORG_BODY.sql

- PKG_AUTO_SPLIT_ORG.sql

- Table Scripts

  - MAP_FININST_INFO_PE.sql

  - MAP_BRANCH_INFO_PE.sql

  - MAP_ADDITIONAL_ACTVTY_INFO_PE.sql

  - KDD_GTT_CRR_PURGE.sql

- – GTT_USSAR_INFO.sql
- – GTT_CRR_TRXN_INFO.sql
- – GTT_CASTR_INFO.sql
- – FCT_URL_PE.sql
- – FCT_TRANSACTION_PE.sql
- – FCT_SUSPECT_INFO_PE.sql
- – FCT_SUS_ACTIVITY_PE.sql
- – FCT_RR_XSD_VLDTN_DTLS_PE.sql
- – FCT_REPORT_ACTIONS_PE.sql
- – FCT_RELN_FININST_PE.sql
- – FCT_REGULATORY_REPORT_PE.sql
- – FCT_PHONE_PE.sql FCT_PERSON_PE.sql
- – FCT_IDENTIFICATION_PE.sql
- – FCT_EMAIL_PE.sql
- – FCT_EFILE_PE.sql
- – FCT_COMMENTS_PE.sql
- – FCT_ALTERNATE_NAME_PE.sql
- – FCT_ADDRESS_PE.sql
- – FCT_ACCOUNT_PE.sql
- – CRR_PURGE_TABLE_SCRIPT.sql
- • Views
  - – VW_GOAML_ACCT_NMBR.sql
  - – VW_GOAML_SUBJECT_NMS.sql
  - – VW_GOAML_SUBJECT_LIST.sql
  - – vw_fct_efile_ack.sql
  - – 36449728_vw_dim_identification_type.sql

> ⓘ **Note**
>
> - • Take a backup of Atomic and Config Schema as a precautionary measure.
> - • Take a backup of above mentioned files. If any customizations done to these files, they need to be re- applied.

3.3 Build related files

The list of build-related files is as follows:

- • web.append.xml
- • merge_Menu.xsl

- merge_Persistence.xsl

- merge_web.xsl

- merge_wsdd.xsl

ⓘ **Note**

- Take a backup of above mentioned files as a precautionary measure.

- If any customizations done to these files, they need to be re-applied.

4

Applying This Maintenance Level Release

To apply this ML release, follow these steps:

1. Load the `.profile` and make sure that `$FIC_HOME` corresponds to the proper environment where the patch application is required.

2. Start the OFSAAI Services.

3. Download and copy the `38509439_GENERIC.zip` file (in Binary mode) to the server where OFSAAI is installed.

4. Navigate to the `<USER_PATCH_DIR>` directory and extract the contents of the patch archive file using the following command:
   ```
   unzip -a <name of the archive file to be unzipped>
   ```
   For example: `unzip -a 38509439_GENERIC.zip`

   > ⓘ **Note**
   >
   > <USER_PATCH_DIR> is the directory containing the <patch>.zip file copied in step 3. "-a" option is mandatory to unzip the patch. In case, you notice an error message: "unzip: not found [No such file or directory]" when the package is not installed, contact your UNIX Administrator.

   The list of files available when you unzip the folder is as follows:
   - PatchConfig.xml
   - CRR_DataModel.xml
   - install.sh
   - Setup.bin
   - validateXMLInputs.jar
   - Readme_OFSCRR_8.1.2.11.0.htm

5. Navigate to the `<USER_PATCH_DIR>/38509439/bin` directory and grant 755 permission using the following command: `$ chmod 755 *`

6. Update the parameter `##RR_UPLOAD_MODEL##` in the `<USER_PATCH_DIR>/38509439/conf/PatchConfig.xml` file to 1.

7. Update the variables `##OFS_RRS_DATA_TBSP##` and `##OFS_RRS_INDEX_TBSP##` in `PatchConfig.xml`. These attributes correspond to the Data and Index Tablespace values found in OFS_CRR_SCHEMA_OUTPUT.xml, which was generated during the installation process. Additionally, the `##EXECUTE_PRE_AND_POST_SCRIPTS##` attribute controls the execution of pre- and post-scripts during installation:
   - Setting the value to 1 executes the pre- and post-scripts.
   - Setting the value to 0 skips their execution.

   For CRR 8.1.2.10, it is mandatory to set this attribute to 1 to ensure pre- and post-scripts are executed.

---

8. Install the patch by executing the `install.sh` command as follows: `$ ./install.sh`.

> ⓘ **Note**
>
> - While applying a patch, you might get the following warning in your Putty session, but you can ignore this.
>
> - WARNING: An illegal reflective access operation has occurred WARNING: Illegal reflective access by com.sun.xml.bind.v2.runtime.reflect.opt.Injector$ 1 (file:/../<FICHOME>/ficapp/common/FICServer/lib/jaxb-impl.jar) to method java.lang.ClassLoader.defineClass(java.lang.String,byte[],int,int)
>
> - WARNING: Please consider reporting this to the maintainers of com.sun.xml.bind.v2.runtime.reflect.opt.Injector$1
>
> - WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
>
> - WARNING: All illegal access operations will be denied in a future release

9. Check if the ML release is applied successfully by verifying the patch install logs under the `<USER_PATCH_DIR>/38509439/logs` directory. Contact My Oracle Support in case of any errors.

10. For Websphere Server, remove all the jackson* Jars from below folder before creating `OFSAAI EAR/WAR` file `$FIC_HOME/ficweb/webroot/externalib/WEB-INF/lib`.

11. For Websphere server, after the EAR/WAR File is deployed, copy the below mentioned jars from `<ofsaa_deployed_area_location>/WEB-INF/lib/` directory to the path `<ofsaa_deployed_area_location>/externallib/WEB-INF/lib/`.
Ensure the classpath is configured to the path where the above jars are copied under websphere console->Shared Libraries > JERSEY2X.

    - jaxb-xjc.jar

    - jaxb-impl.jar

    - jaxb-core.jar

    For more information, see Configure WebSphere Shared Library to Support Jersey 2x and Jackson 2.9x Libraries section in OFSAA Installation Guide.

12. Execute the following command in Atomic schema:

    ```
    analyze table fct_suspect_info compute statistics;
    commit;
    ```

13. After the patch is installed successfully, re-create the OFSAA EAR/WAR file and re-deploy a new EAR/WAR file on the web application server.

14. Restart the OFSAA App server and the Webserver.
For more information on the application configuration, see Administration Guide on OHC.

5
Post Installation

This chapter describes the post-installation steps.

After applying AAI 8.1.2.5.0 and CRR 8.1.2.11.0, perform the following post-installation steps:

1. Copycommons-logging-1.1.3.jarfromthe local folder as mentioned in the Step Number 2 in the Pre-Installation section to the following folders.

   • $FIC_HOME/ficweb/webroot/WEB-INF/lib

   • $FIC_HOME/ficdb/lib

2. Delete commons-logging-1.3.1.jar from the following folders:

   • $FIC_HOME/ficweb/webroot/WEB-INF/lib

   • $FIC_HOME/ficdb/lib

3. For WebService configuration in WebLogic server, see *Configuring Feedback Response to Source System Using Web Service Call* section in Administration Guide.

4. You must apply the 38708814 patch.

6

JAVA Upgrade

> ⓘ **Note**
>
> From CRR 8.1.2.11.0 onwards, JAVA11 is supported with the below mentioned web servers:
>
> 1. Weblogic 14.1.x.x
> 2. Apache Tomcat 9.0.xx
>
> Existing web servers have to be re-configured/re-installed with JAVA11.

Configuring Existing JAVA8 environments

To upgrade from JAVA8 to JAVA11, follow these steps:

1. Install the JAVA11 in the server.
2. Use the below command to list the files and note the file names.

```
grep -r -l '/scratch/jdk1.8.0_161'
```

(Change the JAVA path accordingly).

> ⓘ **Note**
>
> The above command must be executed in the $FICHOME.

3. Modify the listed files from JAVA8 to JAVA11.
4. Use the below command to change from JAVA8 to JAVA11.

```
grep -r -l 'OLDPATH/jdk1.8.0_161' . | sed "s|^|\"|g" | sed "s|$|\"|g" |
xargs sed -i "s|OLDPATH/jdk1.8.0_161|NEWPATH/jdk-11.0.11|g"
```

(Change the JAVA paths accordingly).

5. Update the JAVA8 path with JAVA11 in the .profile.
6. Re-create and Re-deploy the OFSAA EAR/WAR file and Restart the OFSAA app server and web server.

Configuring New JAVA11 environments

To create a new environment with JAVA11, follow these steps:

1. Configure and complete the installation of CRR 8.1.2.11.0 with JAVA11.
2. Up the environment until CRR 8.1.2.11.0 is applied and configured.
3. Follow the steps from Pre-Installation for applying CRR 8.1.2.11.0.