Enterprise Integration Architecture

NBC Interface Artifacts Deployment

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# Document Control

## Revision History

| Date | Author | Version | Change Summary |
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|  |  |  |  |
| 6/9/2014 | Surjit Singh | 1.0 | Initial Document |
| 6/11/2014 | Surjit Singh | 2.0 | Updated after review |
| 6/15/2014 | Surjit Singh | 2.1 | Added publish customer common interface |
| 7/21/2014 | Surjit Singh | 2.2 | Updated with TFS path and EIAConfiguration |

## Contributors

| Contributor | Role | Position |
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## Reviewers

| Name | Role | Position | Document Status | Date Reviewed | Comments Incorporated |
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|  |  |  |  |  |  |
| Vivek Srinivasan |  | T.A. |  | 6/10/2014 | Added two common interfaces for deployment. |
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## Approvers

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1. **Not all sections are required. Please leave the sections blank if they do not apply instead of deleting them.**

Contents

Document Control ii

Revision History ii

Contributors ii

Reviewers ii

Approvers ii

Introduction 4

Pre-Installation 4

Installation 4

Post-Installation 4

Deployment Responsibilities 5

PRE-INSTALLATION 6

Environment Migration 7

Step A. Install the EBS Artifacts 7

Step B. Create Sequence 7

Step C. Update EIAConfiguration 7

Step D. Data Source Configuration 7

Step E. Responsibilities to SOAUSER 7

Step F. Table Changes 7

Step G. Deploy the Interfaces 7

POST-INSTALLATION 9

Step A. Assign Concurrent Program to the Request group 9

1. To update this table of contents, click on it and press F9.
2. TIP: To jump directly to a page, click on the page number.
3. Word will generate the above table automatically if you add captions to your diagrams using the menu command **Insert->Caption**. To update this table, click on it and press F9.

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# Introduction

The purpose of this document is to illustrate the steps to deploy the EBS Artifacts to EBS environment to support the following customization Nucor Concurrent Request Output Delivery.

### Pre-Installation

This is a pre-requisite step that needs to be performed on the EBS Environment. Normally performed by Application Administrator or Functional Expert

### Installation

* This step normally comprises of installing Source codes into the EBS Environment. Normally performed by System Administrators / DBA

### Post-Installation

* This step comprises of verification, performing any additional setups. Normally performed by application administrator, developers, users or Functional experts

# Deployment Responsibilities

Below flow chart illustrates various roles that would be performing different steps of the installation



# PRE-INSTALLATION

* None

# Environment Migration

### Step A. Install the EBS Artifacts

1. Concurrent Request Delivery service EBS Artifacts - Migration Doc can be located in the TFS $/EBSAppConfig/MigrationDocs/EBS\_Deployments\_Nucor\_Concurrent\_Request\_Delivery.docx
2. Customer Balance Web service EBS Artifacts - Migration Doc can be located in the TFS $/EBSAppConfig/MigrationDocs/EBS\_Deployments\_Customer\_Balance\_WebService.docx
3. Emailing needs to be turned on at EBS server.

### Step B. Create Sequence

Create the Sequence in XXNUC Schema.

SQL available at

* + SVN phase1\utilities\sql\XXNUC\_CUST\_SUP\_SOA\_SEQ.sql
  + $/DBConfig/EBSPROD/Schema/XXNUC/Sequences/XXNUC\_CUST\_SUP\_SOA\_SEQ.sql

### Step C. Update EIAConfiguration

1. Take entry of Berkeley interfaces and “NUC\_EBizRequestDelivery\_ABS “ from EIAConfig-soat.xml
   1. Update EIAConfig-soap.xml then
   2. Accordingly build and deploy using Jenkins , and
   3. Reload it using operation “reloadEIAConfig” of “EIAConfigBPELProcess” , at new SOA environment instance.
2. Change the “NOTIFIER\_EMAIL\_FROM” property for serviceName after “Step C -> 1.a”
   1. NBC\_APInvoiceBatch\_DB2\_EBiz\_ABF
   2. NBC\_GL\_BatchHandler\_ABF
   3. NBC\_AR\_BatchHandler\_ABF

### Step D. Data Source Configuration

1. JDBC Data Sources **nbcdb**
2. JDBC Data Sources **ebsdb**
3. Database Adapter configuration at WebLogic console:- Summary of Deployments -> DbAdapter -> Configuration -> Outbound Connection Pool . Add JNDI as
   1. eis/DB/nbcdb
   2. eis/DB/ebsdb

### Step E. Responsibilities to SOAUSER

Give the appropriate NSBC related responsibilities of SOAUSER.

* + General Ledger Super User NSBC
  + CUSTOMER DATA LIBRARIAN NSBC
  + Payables Manager NSBC
  + Receivables Manager NSBC
  + SUPPLIER DATA LIBRARIAN NSBC

### Step F. Table Changes

Legacy Database tables are same except

1. XXNUC\_AP\_PAYMENTS\_IN (utilities\sql\NSB\AP\_PAYMENTS\_OBJECTS.sql)
2. XXNUC\_CUSTOMERS\_IN (utilities\sql\NSB\ CUSTOMER\_IN\_OBJECTS.sql)
3. XXNUC\_CUSTOMER\_CONTACTS\_IN (utilities\sql\NSB\CUSTOMER\_CONTACTS\_IN\_OBJECTS.sql)
4. XXNUC\_AR\_TRANS\_LINES (utilities\sql\NSB\AR\_INVOICE\_OBJECTS.sql)
5. XXNUC\_SUPPLIER\_CERTS\_IN (utilities\sql\NSB\SUPPLIER\_CERTS\_IN\_OBJECTS.sql)

### Step G. Deploy the Interfaces

Berkeley Interface

1. NBC\_SubscribeCustomer\_EBiz\_ABF
2. NBC\_customerUpdate\_DB2\_EBiz\_ABF
3. NBC\_APInvoice\_DB2\_EBiz\_ABF
4. NBC\_APInvoiceBatch\_DB2\_EBiz\_ABF
5. NBC\_AR\_BatchHandler\_ABF (At least starting out, They would like to run the auto-invoice manually after they run their own validations on the data in the interface tables. **So in production either we will not deploy or to stop the service, until confirmation from Berkeley side.**) **NOT TO DEPLOY.**
6. NBC\_ARInvoice\_DB2\_EBiz\_ABF
7. NBC\_GL\_BatchHandler\_ABF
8. NBC\_GLJE\_DB2\_EBiz\_ABF
9. NBC\_SubscribePayment\_JMS\_DB2\_ABF
10. NBC\_SubscribeSupplier\_EBiz\_ABF
11. NBC\_SupplierContactUpdate\_DB2\_EBiz\_ABF
12. NBC\_SupplierUpdate\_DB2\_EBiz\_ABF

Common Interface

1. NUC\_EBizRequestDelivery\_ABS
2. NUC\_EBizCustomerBalance\_ABS
3. NUC\_EBizGLAccount\_ABS
4. NUC\_EBizAPInvoice\_ABS
5. NUC\_EbizPurchaseOrder\_ABS
6. NUC\_PublishCustomerEBiz\_ABF

# POST-INSTALLATION

### Step A. Assign Concurrent Program to the Request group

Assign the following Program Name to Request Group: “System Administrator Reports” (Application: Application Object Library)

Nucor FND Concurrent Program Delivery Utility

Navigate System Administrator -> Security -> Responsibility -> Request

* Query for "System Administrator" and Application "Application Object Library "
* Assign Programs mentioned above to this request group