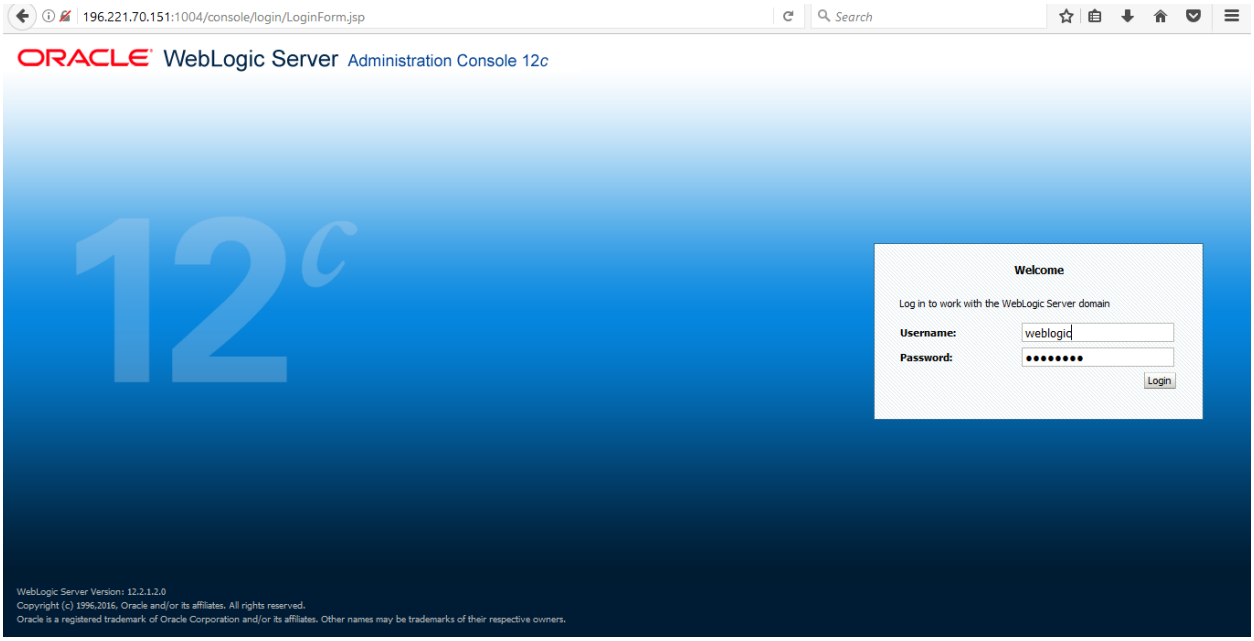
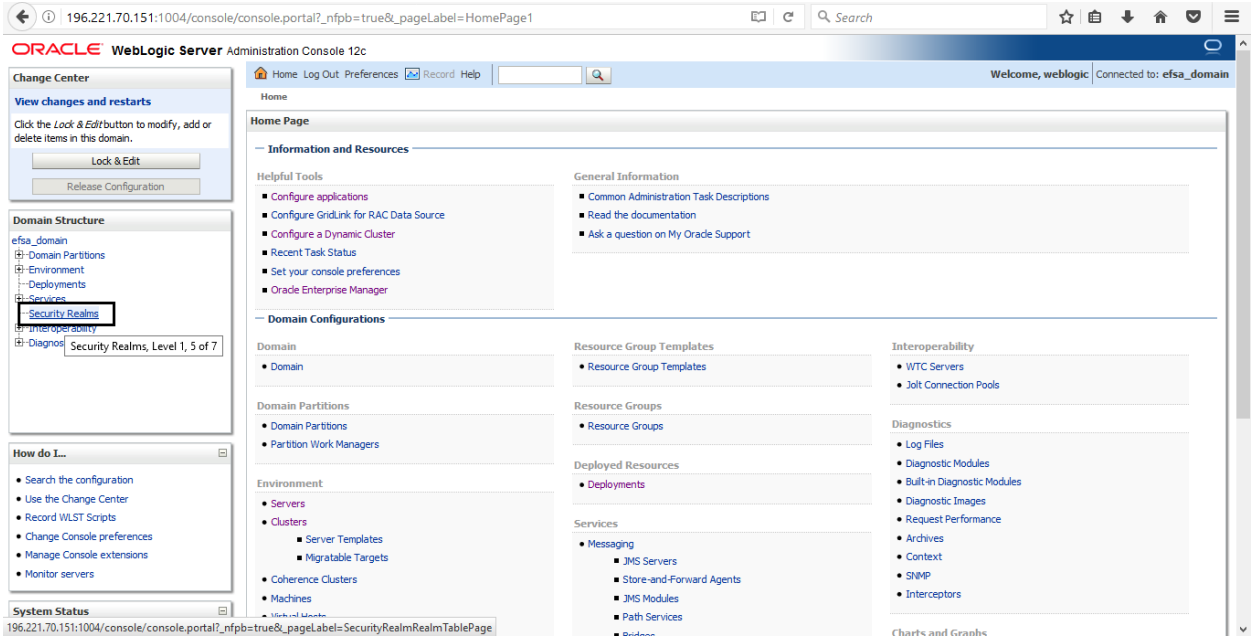
LDAP Integration

To configure Weblogic server to allow user authentication through Active Directory

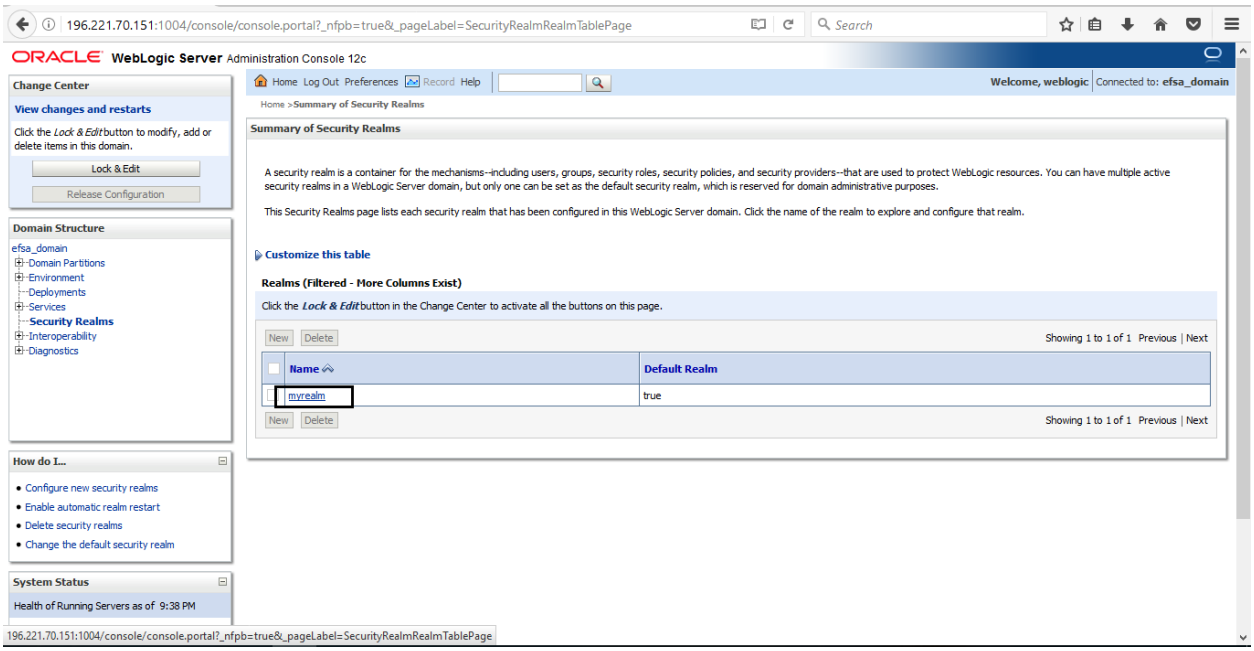
1. Login to **Weblogic Server Console** through http://192.168.120.22:7001/console



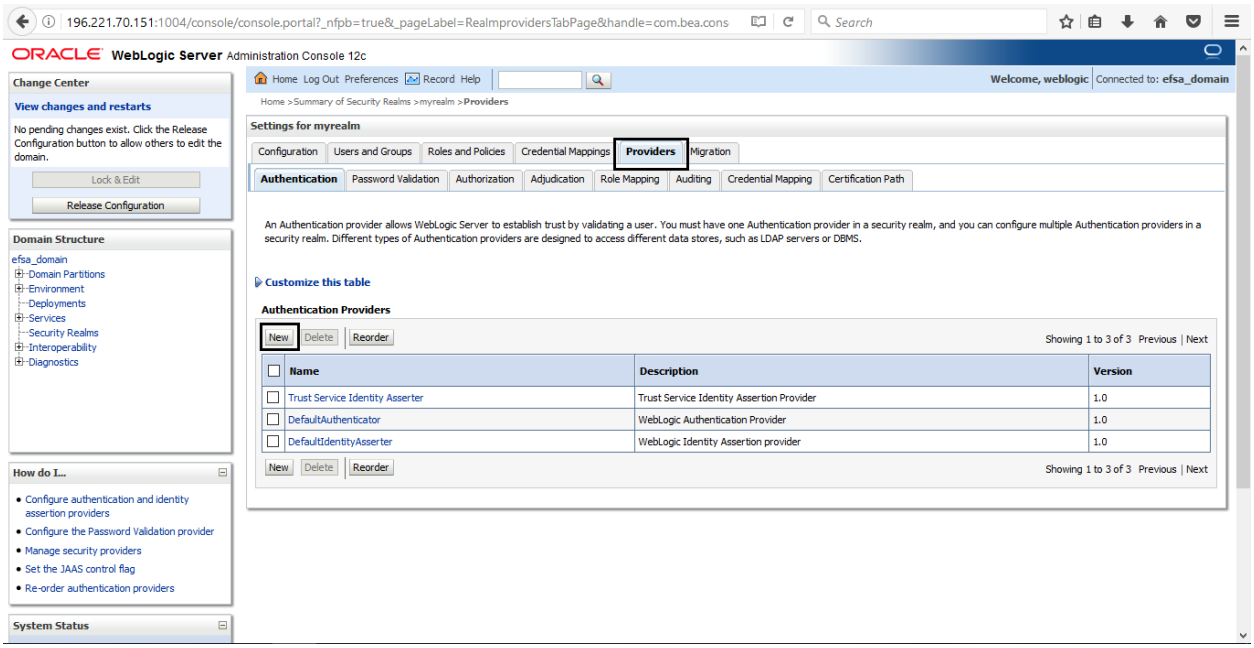
2. Click on **Security Realms** link on the life panel



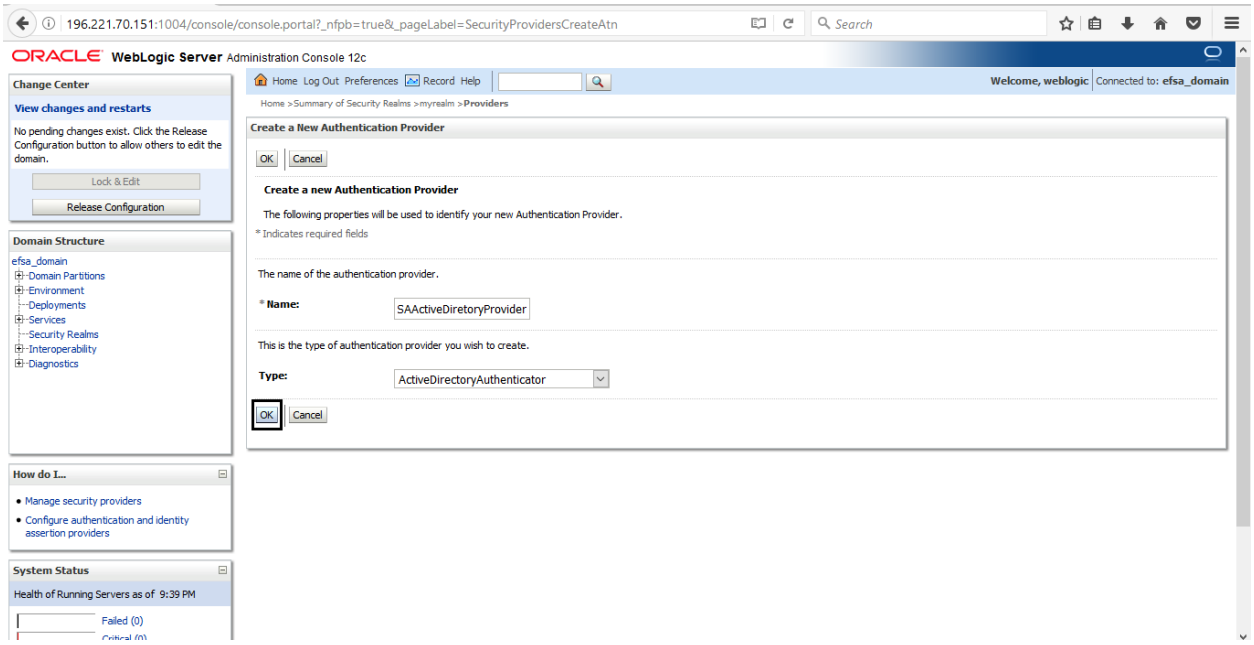
3. Click on **myrealm** link



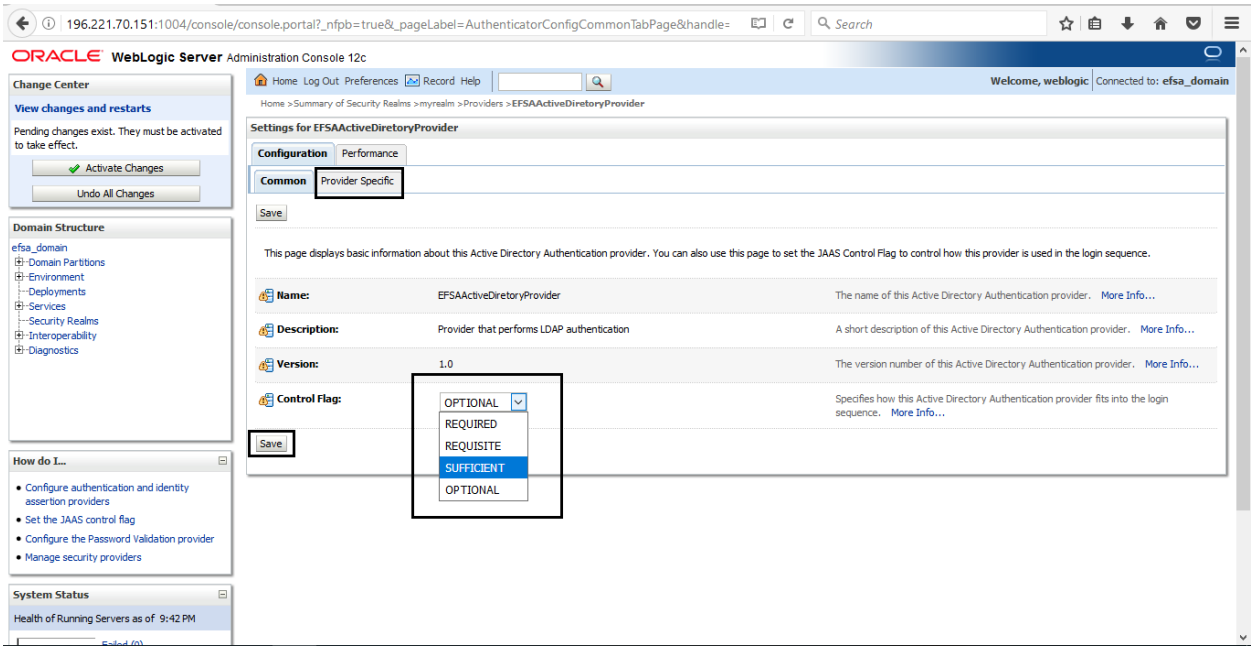
4. Open **Providers** tab then click on **Lock & Edit** to be able to add a new provider then click **New**



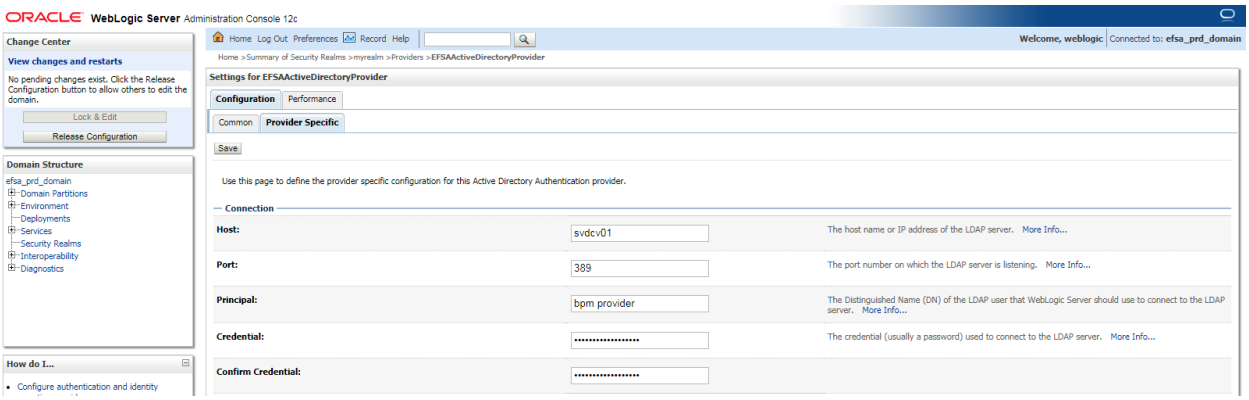
5. Enter provider **Name EFSAActiveDirectoryProvider** then from **Type** list select **ActiveDirectoryAuthenticator** then click **OK**



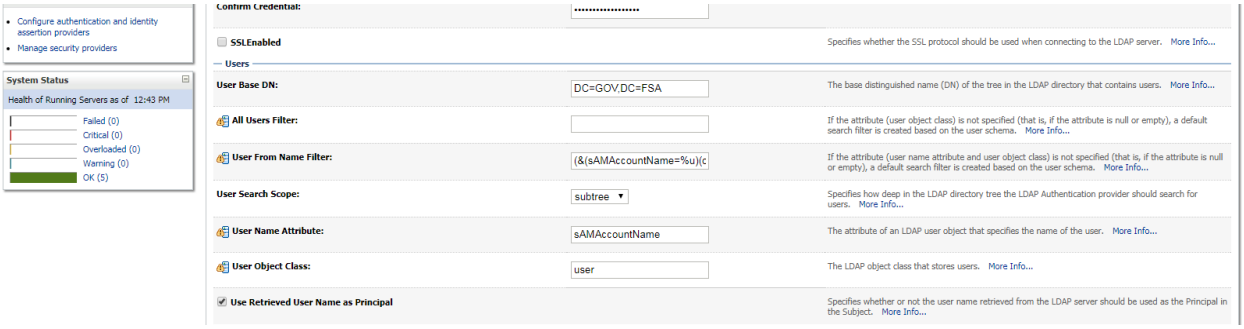
6. Open **DefaultAuthenticator** and in **Common** tab change **Control Flag** to **SUFFICIENT** then click **Ok**
7. Open **EFSAActiveDirectoryProvider** and change **Control Flag** to **SUFFICIENT** then open **Provider Specific** tab



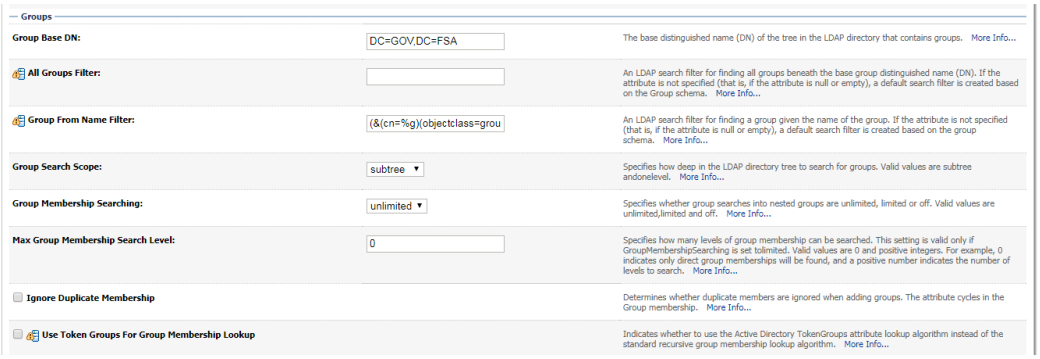
8. Enter Active Disretory **Host**, **Port**, **Principal** and **Credential** (Password)



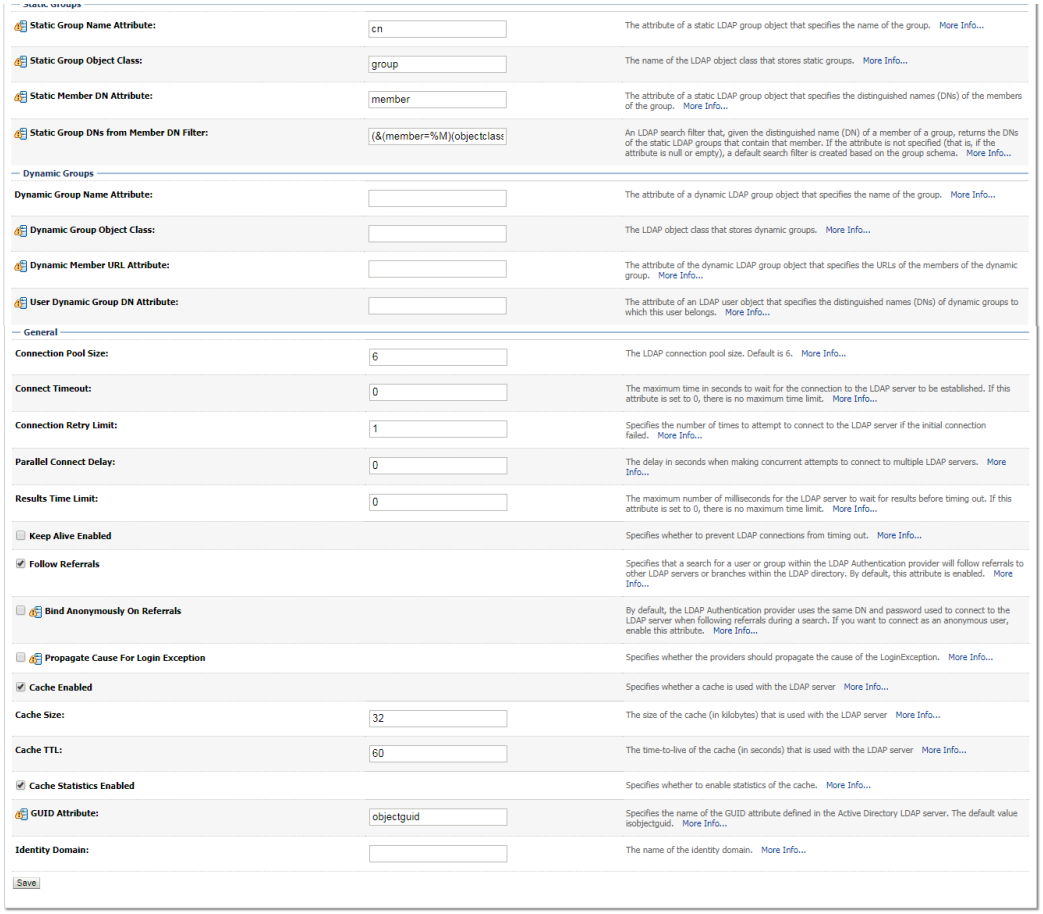
9. In **Users** section
    a. Edit **User Base DN** to **DC=GOV, DC=FSA**
    b. Change **cn=** to **sAMAccountName=** in **User From Name Filter** field
    c. Change **cn** to **sAMAccountName** in **User Name Attribute** field
    d. Select **Use Retrieved User Name as Principal**



10. In **Groups** section
    a. Edit **Group Base DN** to **DC=GOV, DC=FSA**



11. As for the remaining settings keep all the default values then click Ok



12. Click on **Activate Changes** to commit all the changes to the server then **restart** all managed servers

Users Information and Integration with HITS

User main information that is needed in the application is saved in the database distributed on multiple tables. This information should be updated frequently by Database Jobs and Triggers provided by EFSA to migrate latest info from HITS. Next is a description for all the tables to help in the migration process.

The tables are:

1. ADMIN_USERS
2. ADMIN_LK_USER_GRADES
3. ADMIN_LK_USER_TITLE
4. ADMIN_DEPARTMENTS
5. ADMIN_LK_DEPARTMENT_TYPES

ADMIN_USERS

This table contains all user data

Column	Description
USER_ID	User Id
USER_LOGIN_NAME	User system login name
FIRST_NAME	User First Name
SECOND_NAME	User Second Name
THIRD_NAME	User Third Name
FAMILY_NAME	User Family Name
FULL_NAME	User Full name
DEPARTMENT_ID	User Department Id
USER_TITLE	User Title
IS_USER_ACTIVE	Flag to determine if user account is active or not – by default active
USER_DEGREE	User Degree
MOBILE_NO	User Mobile Number
USER_EMAIL	User Email
MANAGER_ID	User Manager Id
HIRING_DATE	User Hiring date
USER_GRADE	User Grade

LEVEL_NO	User Level
SEND_MAIL	Flag to determine whether to send Email by BPM engine to user or not - by default true
INTERNAL_NUMBER	User Internal office phone number

ADMIN_LK_USER_GRADES

This table contains user grades lookup values

Column	Description
GRADE_ID	Grade Id
GRADE_AR_NAME	Grade Arabic Name
GRADE_EN_NAME	Grade English Name

ADMIN_LK_USER_TITLE

This table contains user titles lookup values

Column	Description
TITLE_ID	Title Id
TITLE_AR_NAME	Title Arabic Name
TITLE_EN_NAME	Title English Name

ADMIN_DEPARTMENTS

This table contains all the departments' data

Column	Description
DEPARTMENT_ID	Department Id
DEPARTMENT_CODE	Department Id – same as Department Id
DEPARTMENT_EN_NAME	Department English Name
DEPARTMENT_AR_NAME	Department Arabic Name
PARENT_DEPARTMENT_ID	Parent Department Id
DEPARTMENT_TYPE	Department Type
DEPARTMENT_LEVEL	Department Level
MANAGER_ID	Department Manager Id
UPDATE_DATE	Department Updated information date
UPDATE_USER	Department Updated information by

	User
CREATED_DATE	Department Created date
CREATED_USER	Department Created by User

ADMIN_LK_DEPARTMENT_TYPES

This table contains department type lookup values

Column	Description
DEPT_TYPE_ID	Department Type Id
DEPT_TYPE_AR_NAME	Department Type Arabic Name
DEPT_TYPE_EN_NAME	Department Type English Name