

Test2apex upgrade from 5.0 to 5.1

Following are rough notes on how I upgraded Apex. --Umer Hussaini

```
download apex_5.1_en.zip or apex_5.1.4.zip in cd $ORACLE_HOME/apex/.
```

```
cd $ORACLE_HOME/apex
```

```
sqlplus / as sysdba
```

```
check the name of the temp space and give the right temp tbs name in the command.
```

```
@apexins.sql SYSAUX SYSAUX TEMP /i/
```

```
COLUMN version_no          FORMAT A16 HEADING "Version Number"
```

```
COLUMN api_compatibility    FORMAT A16 HEADING "API|Compatibility"
```

```
COLUMN patch_applied       FORMAT A14 HEADING "Patch Applied"
```

```
SELECT *
```

```
FROM apex_release;
```

```
select status, version from dba_registry where comp_id='APEX';
```

```
select username, account_status from dba_users where username like '%APEX%';
```

```
alter user apex_public_user identified by bobcat123 account unlock;
```

```
alter user APEX_050100 identified by bobcat123 account unlock;
```

```
@apxchpwd.sql
```

```
Umer.Hussaini@UmerHussaini.BaiganKi
```

```
MyPassword
```

```
@apex_epg_config.sql /oracle/u01/app/oracle/product/11.2.0/dbhome_1/APEX_5_1/
```

```
SELECT dbms_xdb.gethttpport
FROM dual;
```

- It should return the following:

```
GETHTTPPORT
-----
          8080
```

ACL Creation:

1) we need to create file ---ldap_access.xml---- this will grant connect and resolve privileges to APEX_050100 and APPS user.

Ask ACL username from developers before creating this file ldap_access.xml and edit below lines with username and privileges.

begin

```
dbms_network_acl_admin.create_acl('ldap_access.xml',null,'APEX_050100',true,'connect');
dbms_network_acl_admin.add_privilege('ldap_access.xml','APEX_050100',true,'resolve');
dbms_network_acl_admin.add_privilege('ldap_access.xml','APEX_PUBLIC_USER',true,'connect');
dbms_network_acl_admin.add_privilege('ldap_access.xml','APEX_PUBLIC_USER',true,'resolve');
dbms_network_acl_admin.add_privilege('ldap_access.xml','APPS',true,'connect');
dbms_network_acl_admin.add_privilege('ldap_access.xml','APPS',true,'resolve');
dbms_network_acl_admin.add_privilege('ldap_access.xml','APP_SEC',true,'connect');
dbms_network_acl_admin.add_privilege('ldap_access.xml','APP_SEC',true,'resolve');
dbms_network_acl_admin.add_privilege('ldap_access.xml','PP',true,'connect');
dbms_network_acl_admin.add_privilege('ldap_access.xml','PP',true,'resolve');
dbms_network_acl_admin.assign_acl('ldap_access.xml','*');
end;
/
```

```
SELECT host, acl, lower_port lport, upper_port uport FROM DBA_NETWORK_ACLS ;
```

2) if for let say you created a ldap_access.xml file for one user like APPS and you wanted to add priviages to other user to APEX_050000 then you have to drop the existing ldap_access.xml file and recreate it, (you cannot add new privileges to existing xml file)

```
begin dbms_network_acl_admin.drop_acl('ldap_access.xml');  
end;  
/
```

--- this drop the xml file

3) now you need to add hostname in the created xml file, as user for the right hostname, portnumber and edit that in this procedure.

```
BEGIN  
  DBMS_NETWORK_ACL_ADMIN.assign_acl (  
    acl          => 'ldap_access.xml',  
    host         => 'psc-us-apex',  
    lower_port   => 389,  
    upper_port   => 389);  
  
  DBMS_NETWORK_ACL_ADMIN.assign_acl (  
    acl          => 'ldap_access.xml',  
    host         => 'psc-us-apex.corp.UmerHussaini.BaiganKi',  
    lower_port   => 389,  
    upper_port   => 389);
```

```
COMMIT;  
END;  
/
```

```
COLUMN acl FORMAT A30  
COLUMN principal FORMAT A30  
SELECT acl,  
       principal,  
       privilege,  
       is_grant,  
       TO_CHAR(start_date, 'DD-MON-YYYY') AS start_date,  
       TO_CHAR(end_date, 'DD-MON-YYYY') AS end_date  
FROM   dba_network_acl_privileges; -----The DBA_NETWORK_ACL_PRIVILEGES view  
displays information about privileges associated with the ACL.
```

```
COLUMN host FORMAT A30  
SELECT host, lower_port, upper_port, privilege, status  
FROM   user_network_acl_privileges; -----this gives you host and port information
```

Hope this helps.

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