The structure of the link to the Application Express administration services is as follows:

http://host:port/pls/apex/apex_admin (Oracle HTTP Server with mod_plsql)

http://host:port/apex/apex_admin (Oracle XML DB HTTP listener with the embedded PL/SQL gateway)

http://host:port/apex/apex_admin (Oracle REST Data Services)

The structure of the link to the Application Express development interface is as follows:

http://host:port/pls/apex (Oracle HTTP Server with mod_plsql)

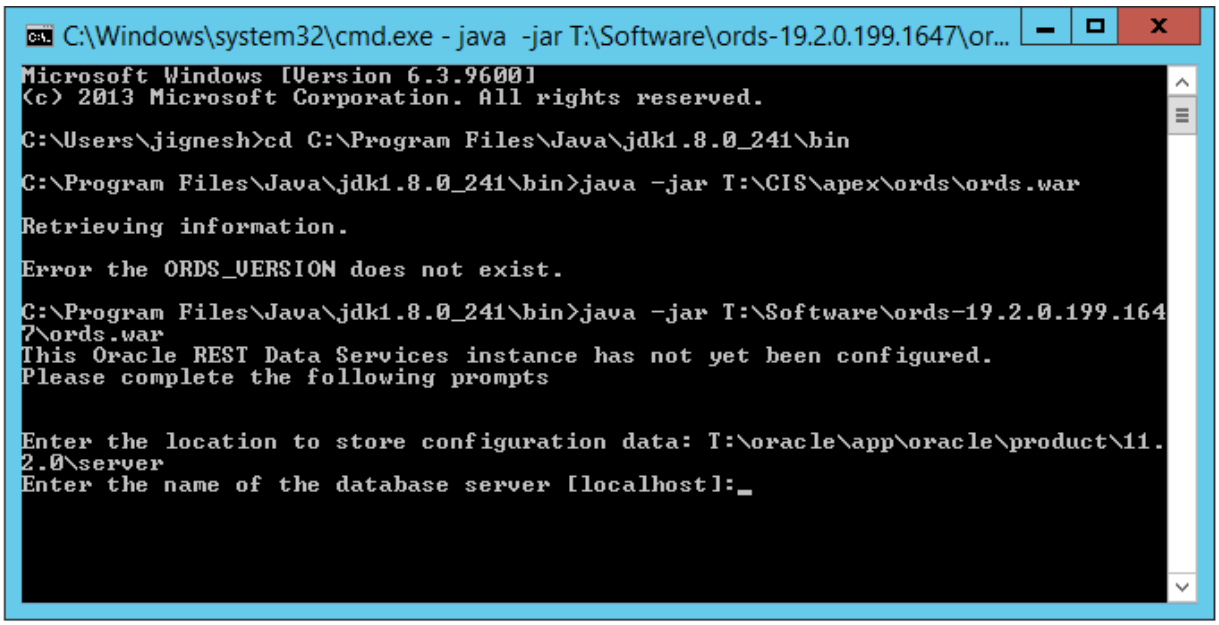
http://host:port/apex (Oracle XML DB HTTP listener with the embedded PL/SQL gateway)

http://host:port/apex (Oracle REST Data Services)

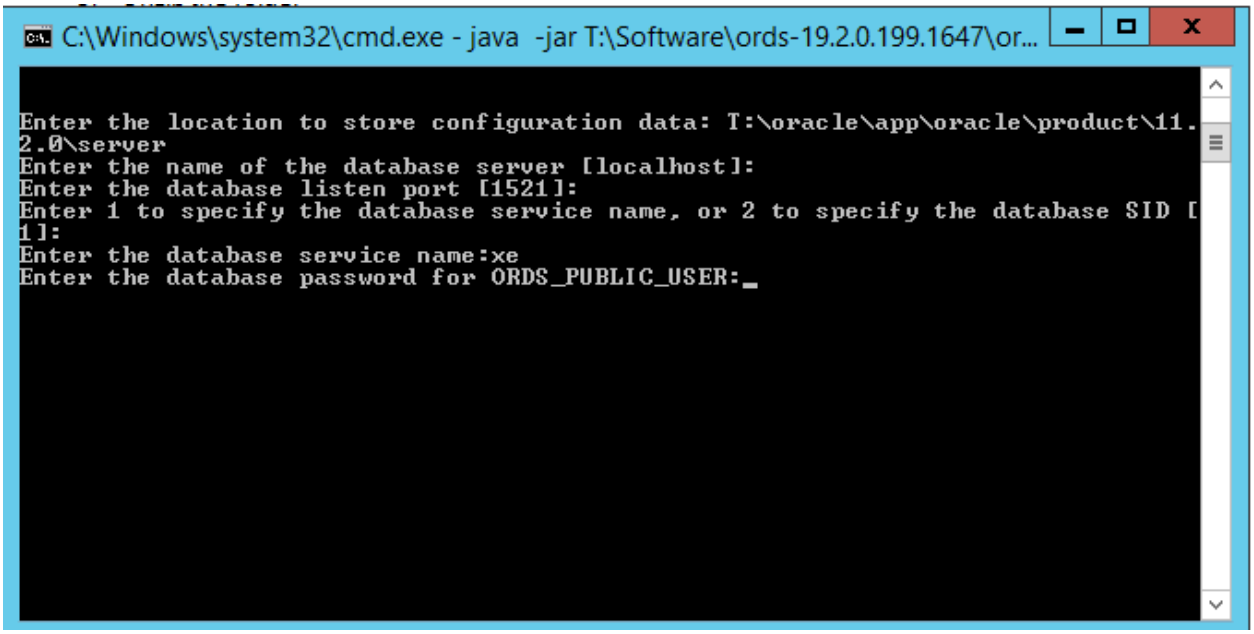
1) Download the ORDS
2) https://www.oracle.com/database/technologies/appdev/rest-data-services-v192-downloads.html
3) Unzip the folder
4) Rename the folder as Ords and keep in T:\cis\Ords where apex is there
5) Copy the Images folder from apex installation and pas in Ords Folder
6) Go to java path and perform the java –jar command

To avoid Step 5 to 9 do the following setting in T:\CIS\ORDS\params\ords_params.property

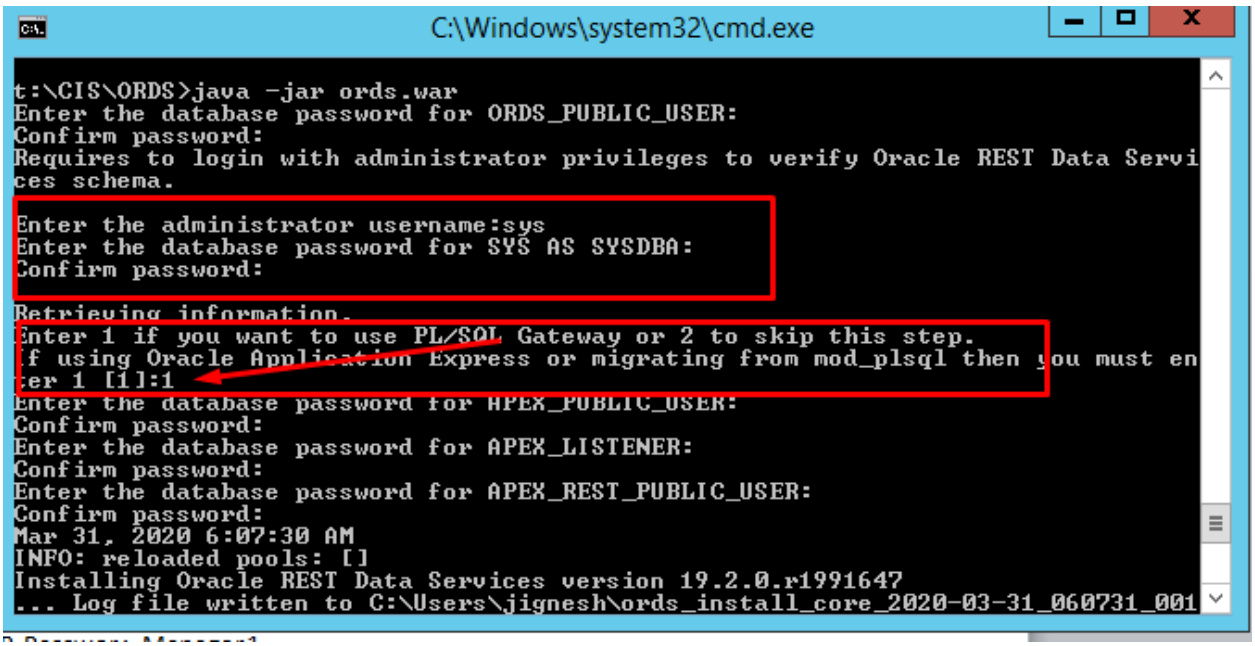
```
db.hostname=localhost
db.port=1521
db.servicename=xe
db.sid=
db.username=APEX_PUBLIC_USER
migrate.apex.rest=false
rest.services.apex.add=false
rest.services.ords.add=true
schema.tablespace.default=SYSAUX
schema.tablespace.temp=TEMP
standalone.http.port=8080
standalone.static.images=t:\cis\ords\images
user.tablespace.default=USERS
user.tablespace.temp=TEMP
```



7) Enter the Configuration data location :- T:\oracle\app\oracle\product\11.2.0\server
8) Database server :- Localhost
9) Listen port :-1521
10) Enter 2 for Service Name :- Xe

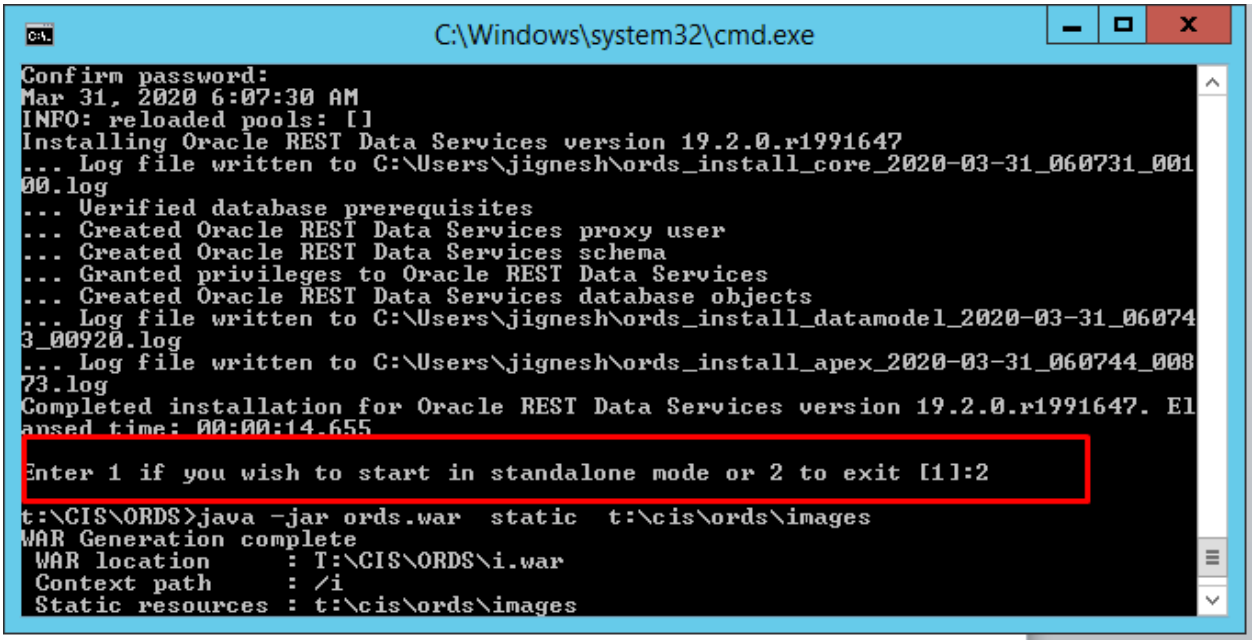


11) ORDS_PUBLIC_USER Passwor :- Manager 1

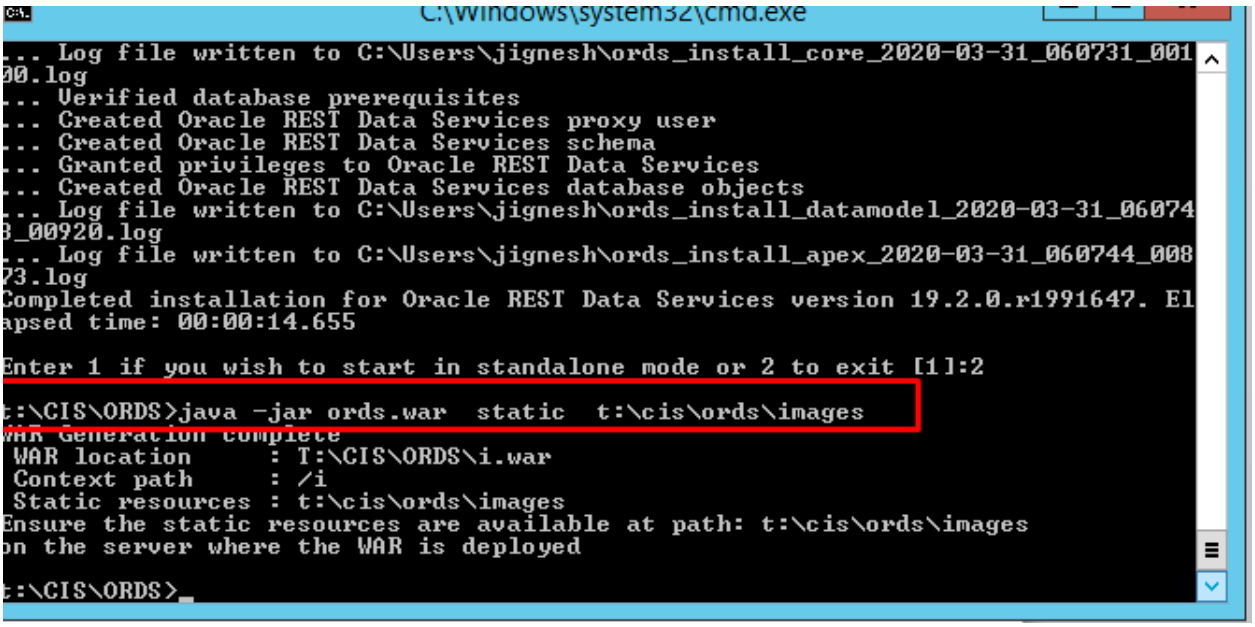


12) Give Manager 1 for all password

13) Enter 2 for Exit from Installation



14) Give static Image path

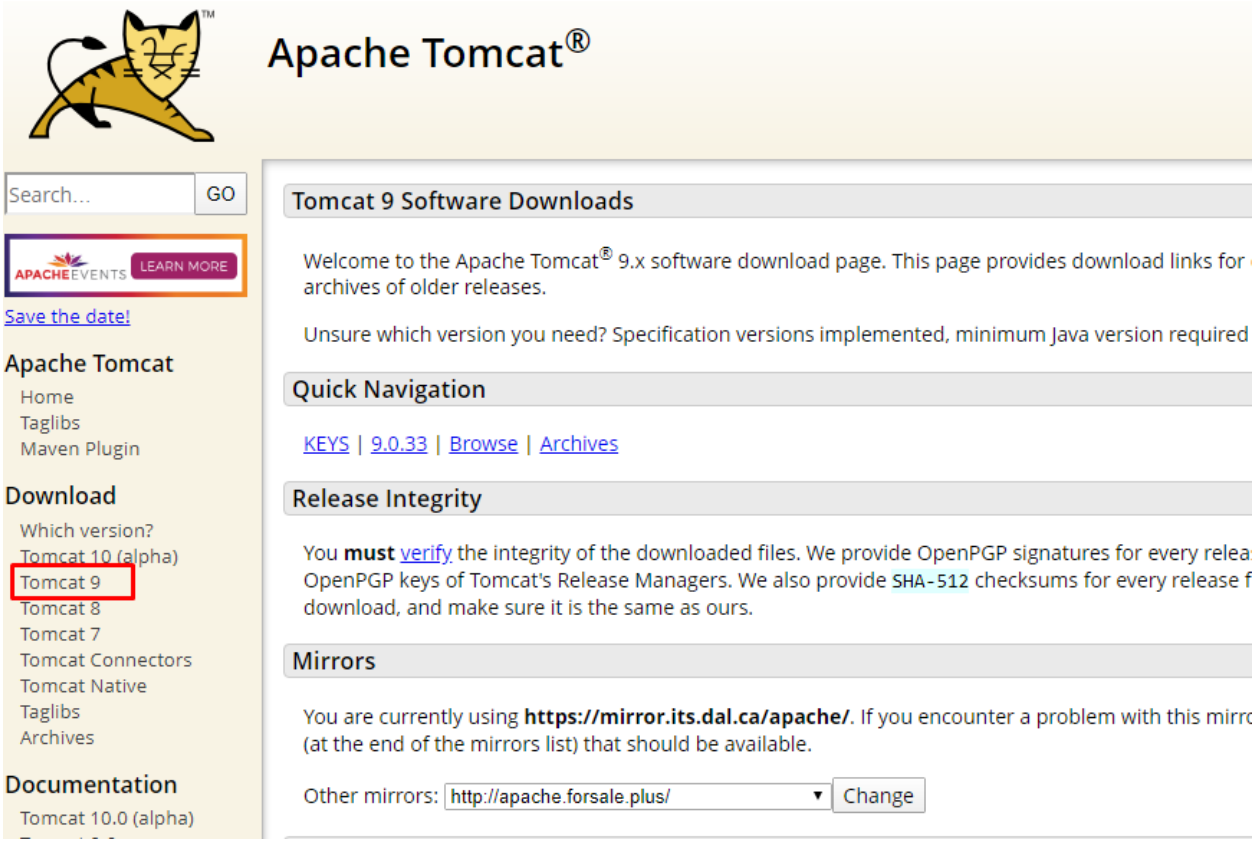
15) 

Uninstall ORDS

1.7.4 Installing the Apache Tomcat Deployment

1) Download Tomact

https://tomcat.apache.org/download-80.cgi



1) Copy the contents of the <apex directory>/images folder to <Tomcat directory>/webapps/i/.

Where

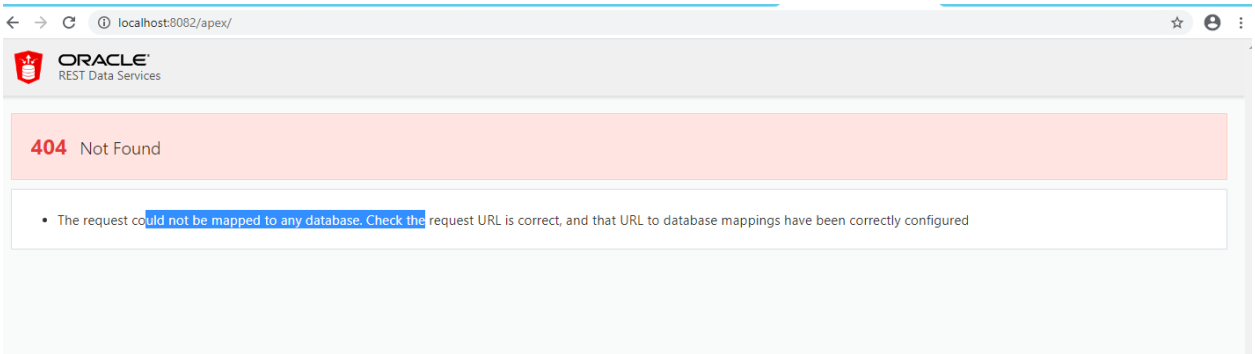
<apex directory> is the directory location of the Oracle Application Express distribution.

<Tomcat directory> is the folder where Apache Tomcat is installed.

2) Move the ords/apex.war file into the webapps folder where Apache Tomcat is installed

3) Run the URL Now

(Tomcat) ORDS database not mapped an database



If Error Occurred then Perform the Below step

16) Perform Setup command

A)

Before Unlock All user

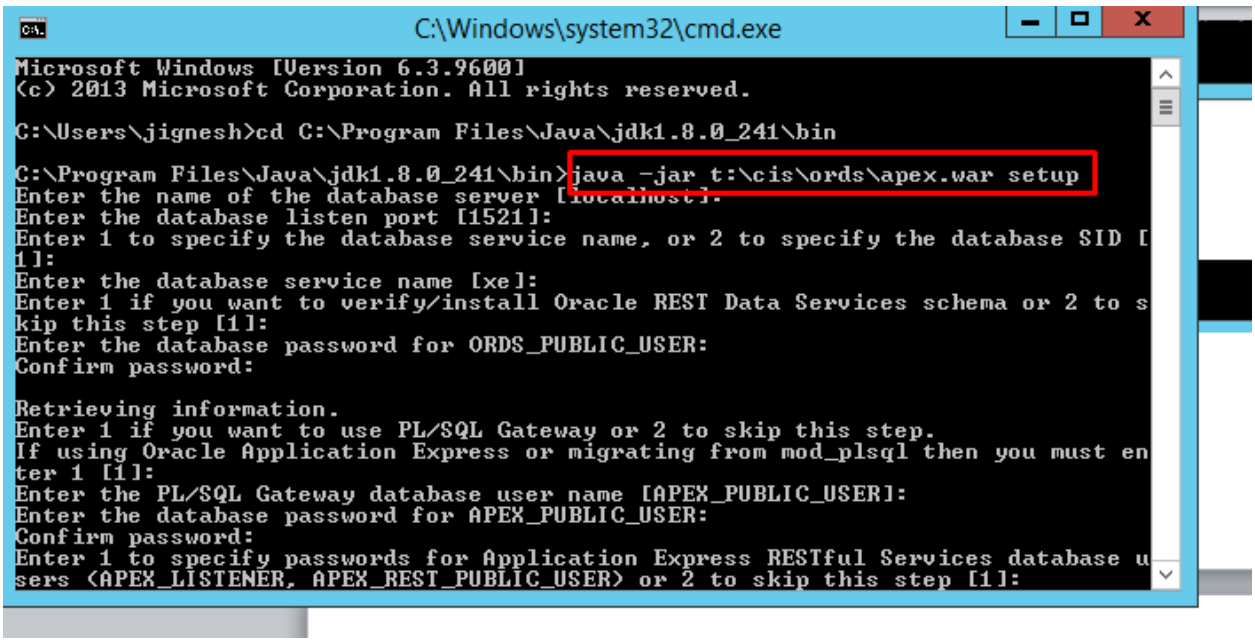
SELECT username, account_status, created, lock_date, expiry_date FROM dba_users WHERE account_status != 'OPEN';

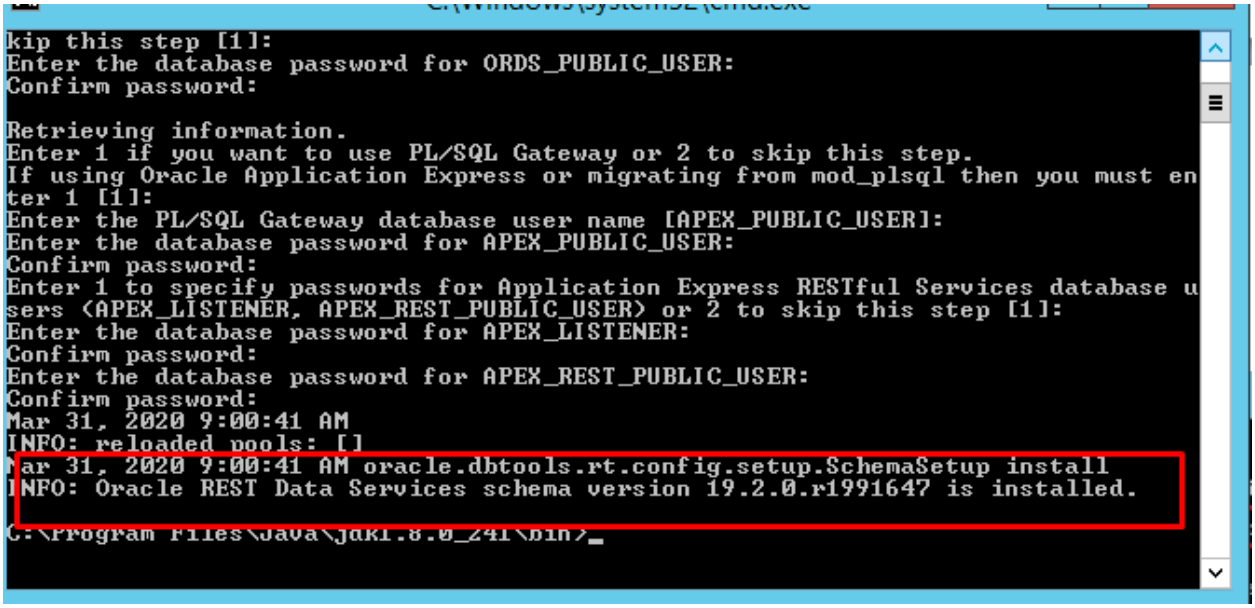
*= all apex and ORds user

```
ALTER USER * IDENTIFIED BY Manager1 ACCOUNT UNLOCK;


ALTER USER APEX_190200 IDENTIFIED BY Manager1 ACCOUNT UNLOCK;
```

B) java –jar apex.war setup

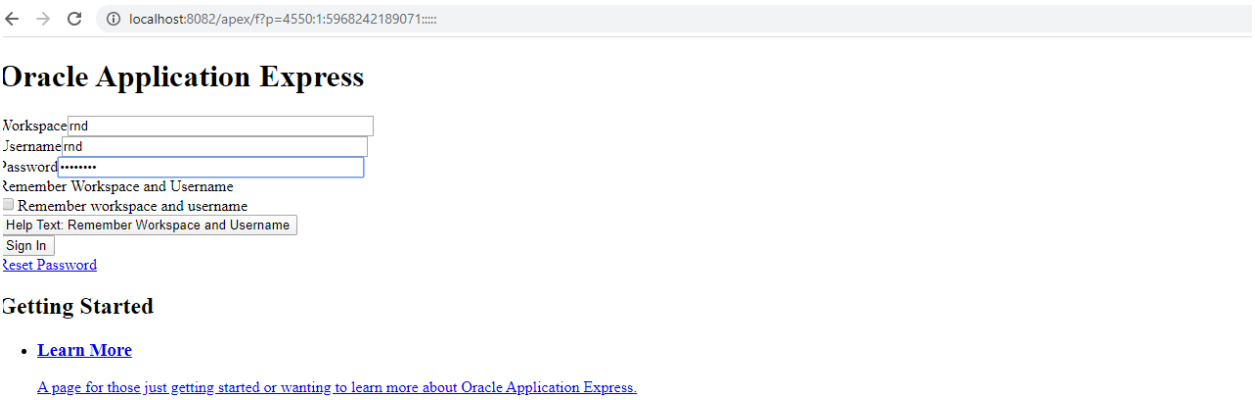




16) Restart the Tomact Server form service.msc

Perform the URL Again

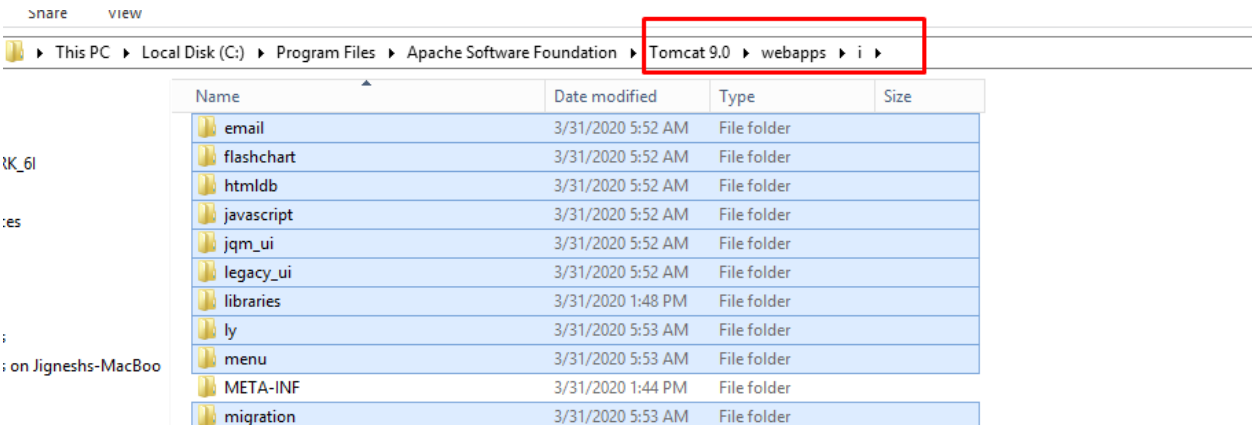
Localhost:8082/apex



4.6.1 Copying the Images Directory

Changing the image path and/or directory in Apex

Need to copy apex / Image folder content and past in Tomcat \webapps\i



Or

Go to the apex/utilities directory

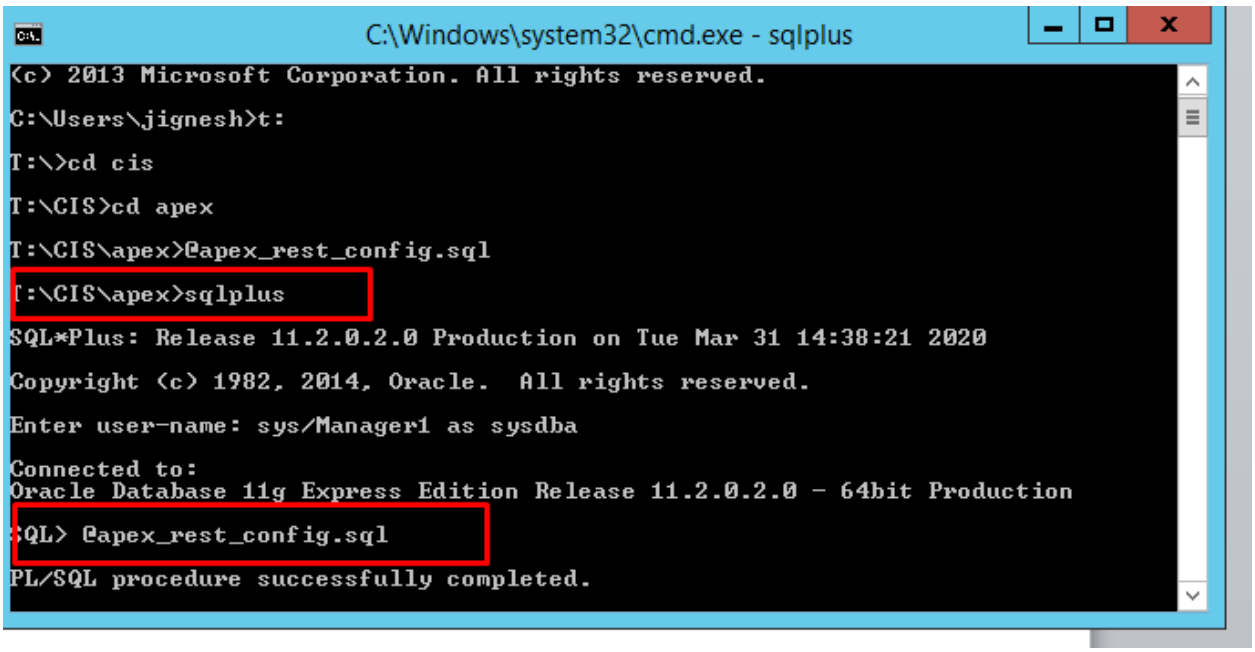
perform SQL> @reset_image_prefix

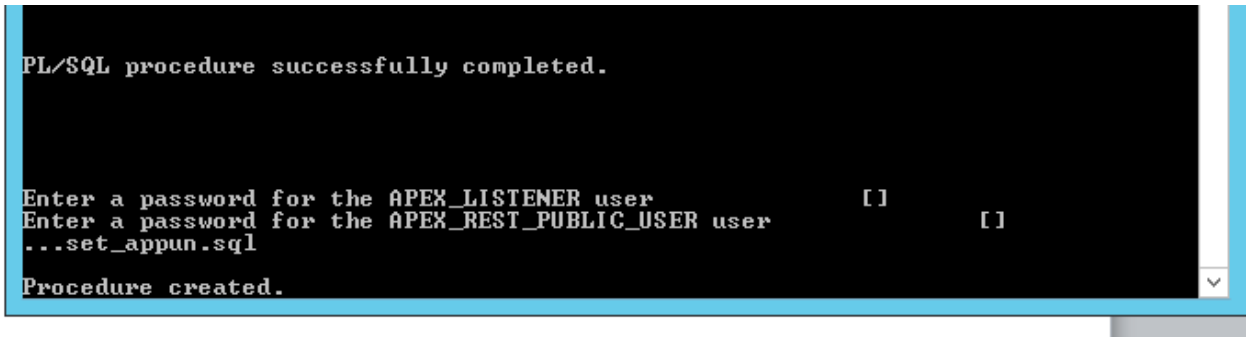
```
SQL> set serveroutput on
SQL> begin
  2  dbms_output.put_line(apex_180100.wwv_flow_image_prefix.g_image_prefix);
  3  end;
  4  /
/i/
```

Configure Static File Support

For configuring static files, you must run **apex_rest_config.sql** after a new installation or upgrade of Oracle Application Express .

Oracle Application Express enables application developers to include static files with their applications. Static files can be associated with a workspace, an application, a plug-in, or an application theme. When using Oracle REST Data Services as your web listener, static files are served using RESTful service module built into Oracle Application Express. Therefore, you must run **apex_rest_config.sql** after a new installation or upgrade of Oracle Application Express.





4.6.2 Validating the Oracle REST Data Services Installation

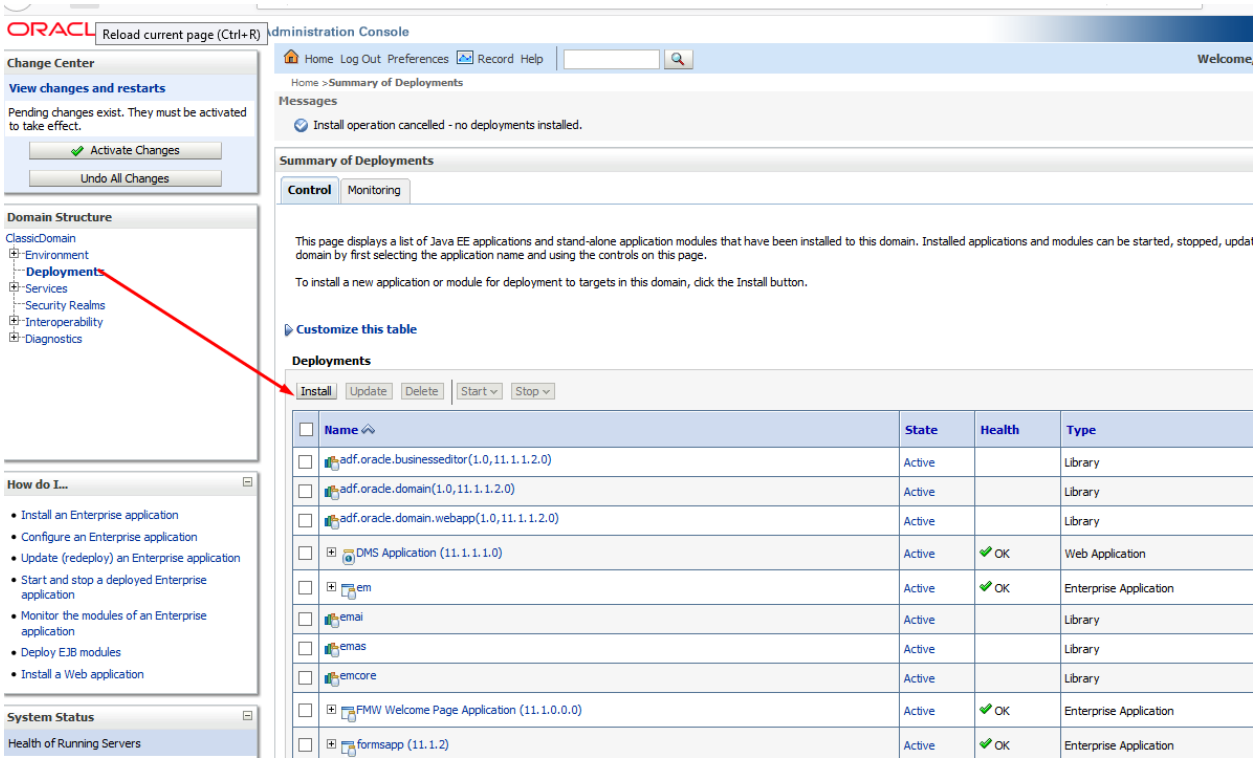
In a new installation or upgrade of Oracle Application Express, you must validate the Oracle REST Data Services installation.

For validating the Oracle REST Data Services installation in a new installation or upgrade of Oracle Application Express, run the following :

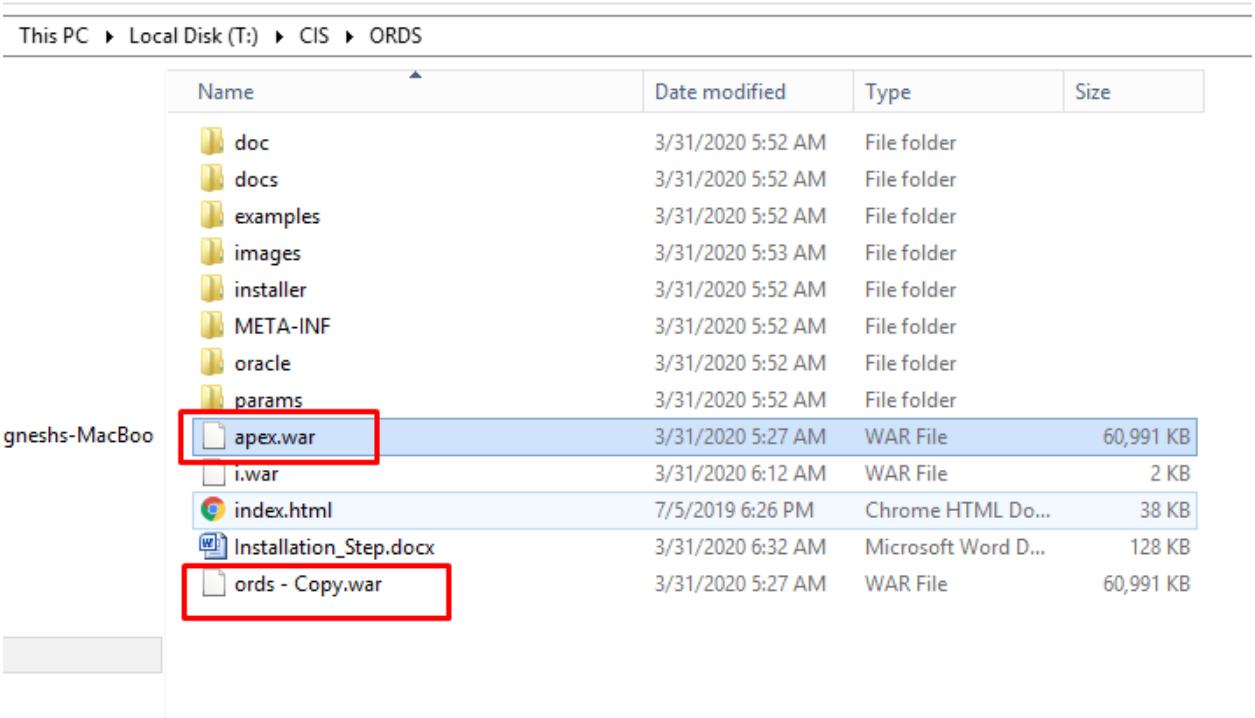
java -jar ords.war validate [--database <dbname>]

Deployment with Weffb logic Server

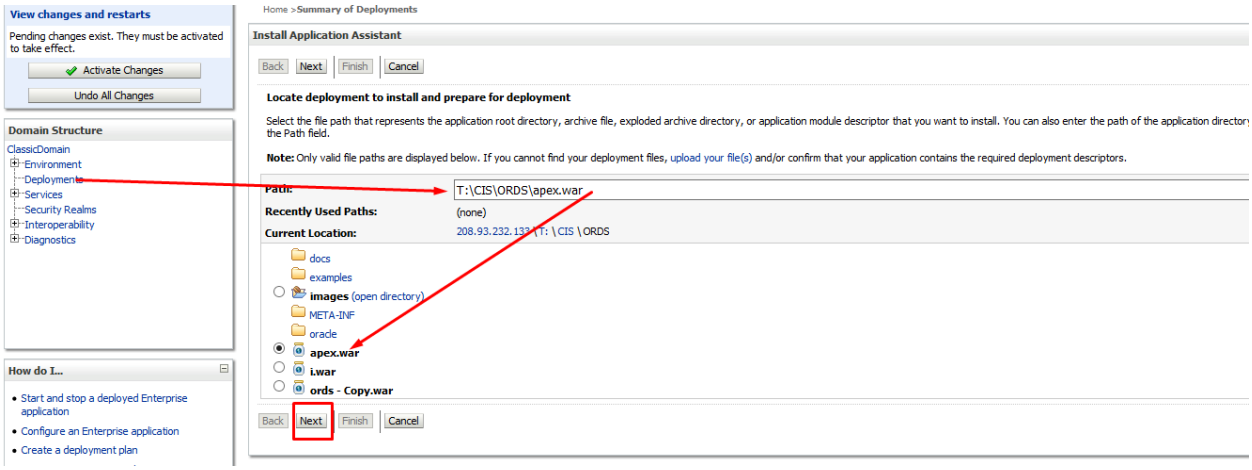
1) Login with console



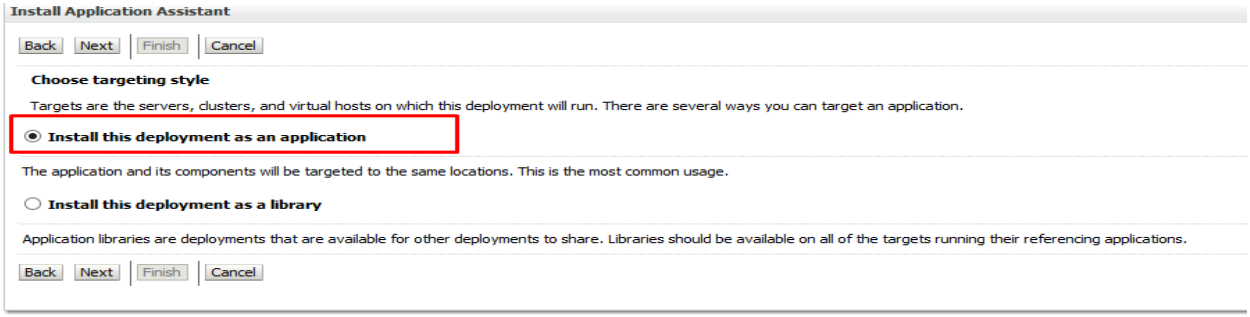
WebLogic Server determines the context root from the file name of a WAR archive. If you need to keep backward compatibility, so that URLs are of the form http://server/apex/... rather than http://server/ords/..., then you must rename ords.war to apex.war before the deployment.



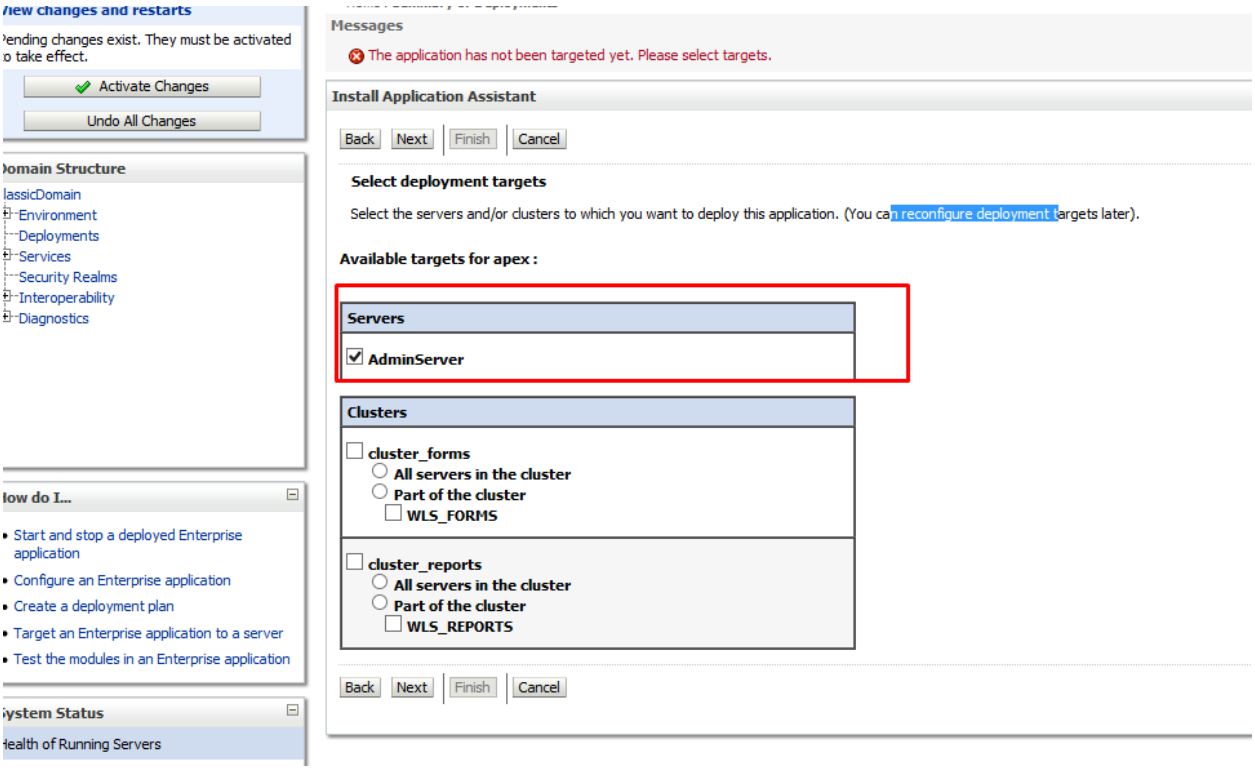
2) Click on Install Button and select the apex.war file and click on next



3)



3) Admin server

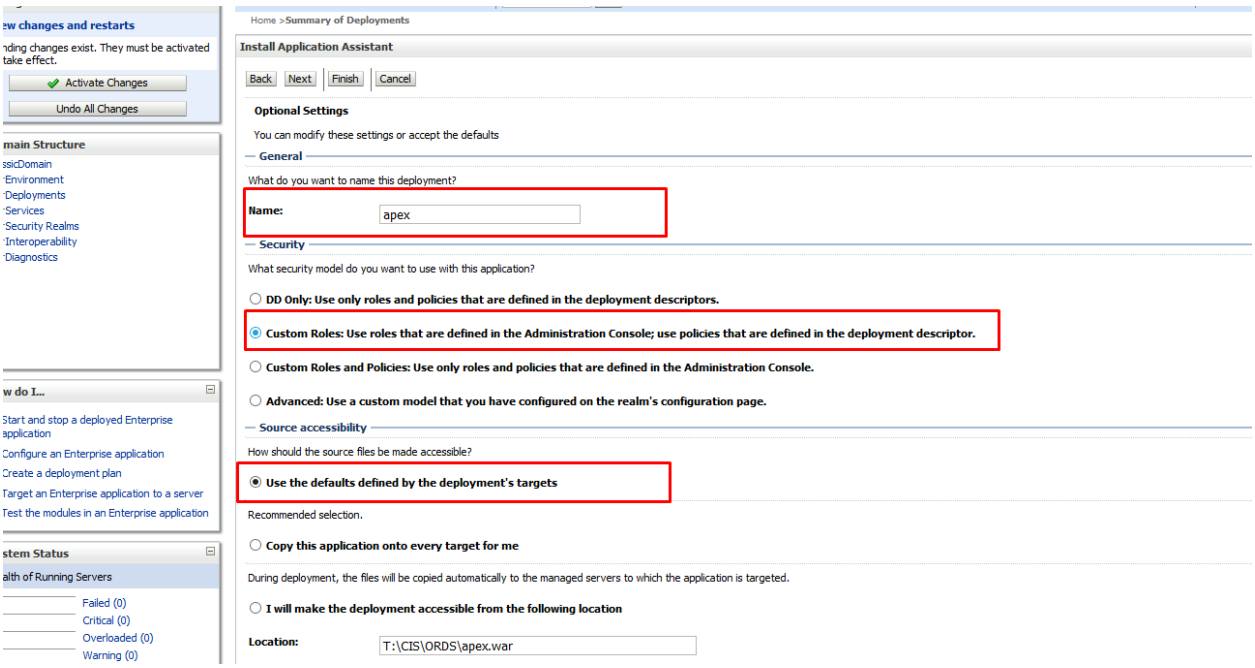


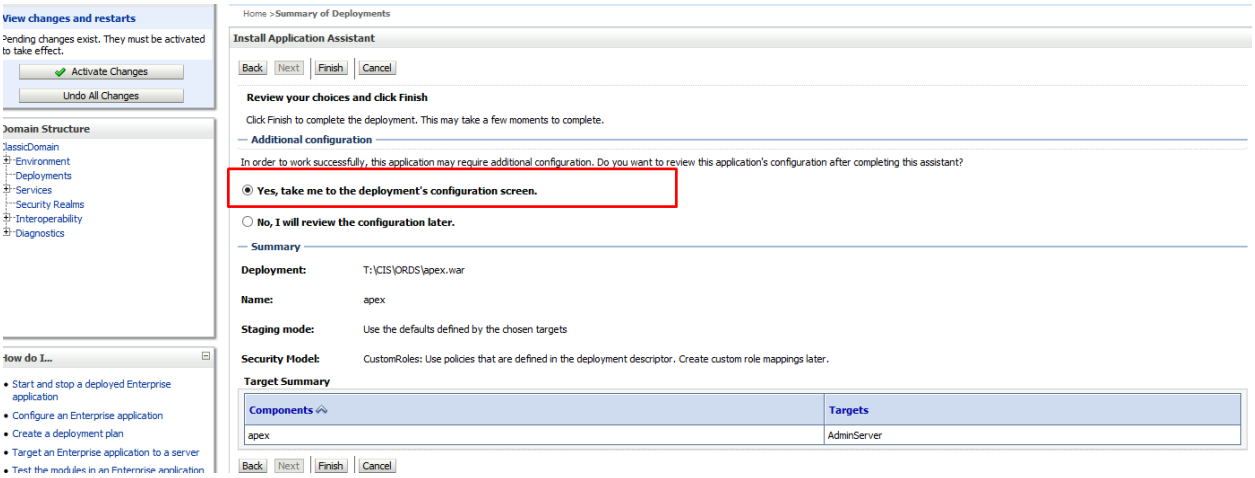
In the Optional Settings, specify the following:

a) Name - Enter: Apex

b) Security - Select the following: Custom Roles: Use roles that are defined in the Administration Console; use policies that are defined in the deployment descriptor

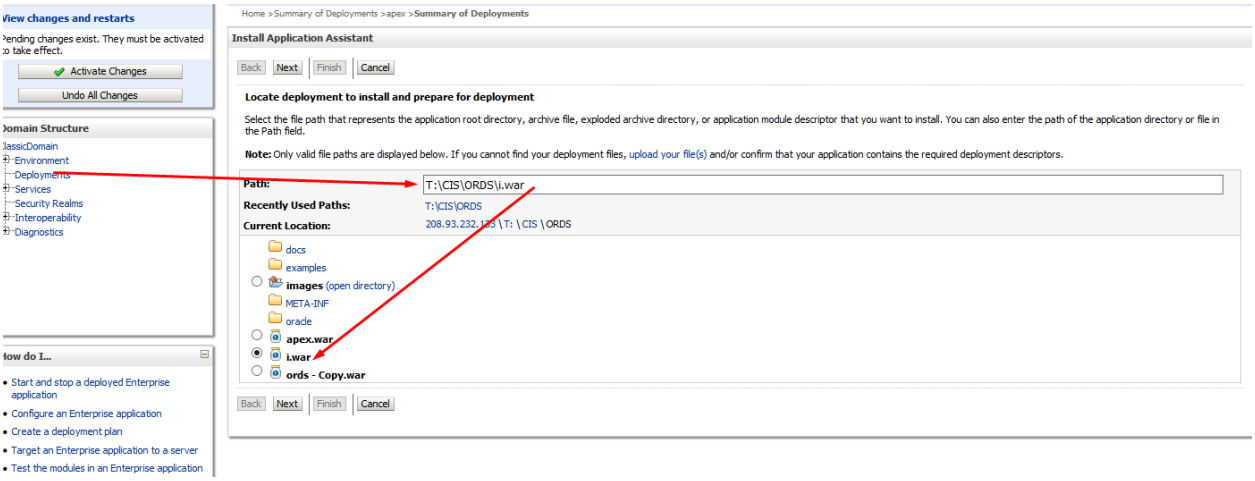
c) Source accessibility - Select: Use the defaults defined by the deployment's targets





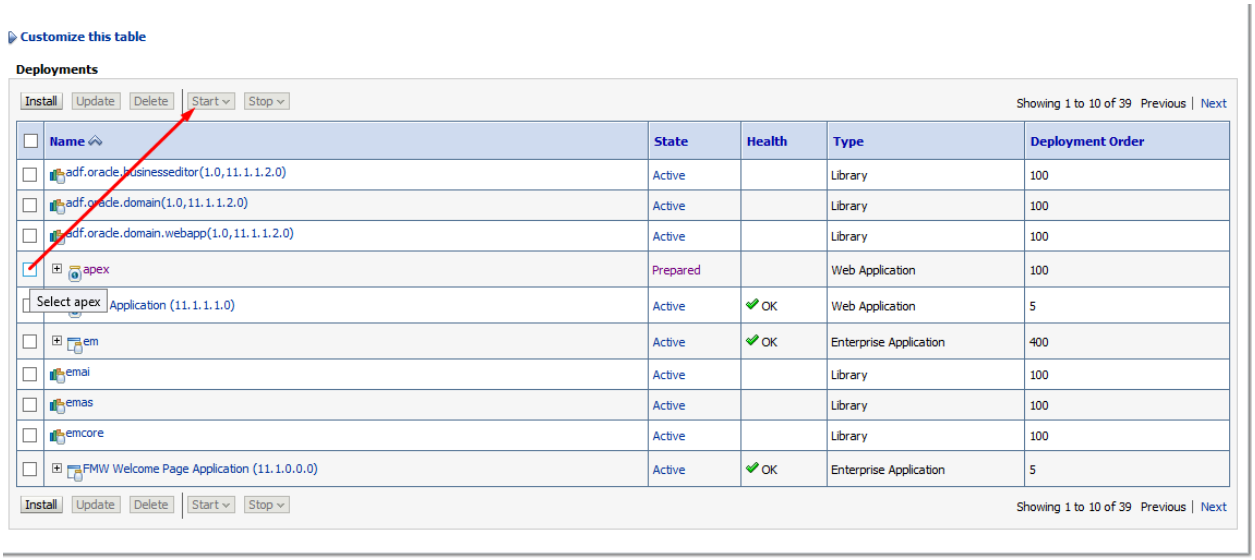
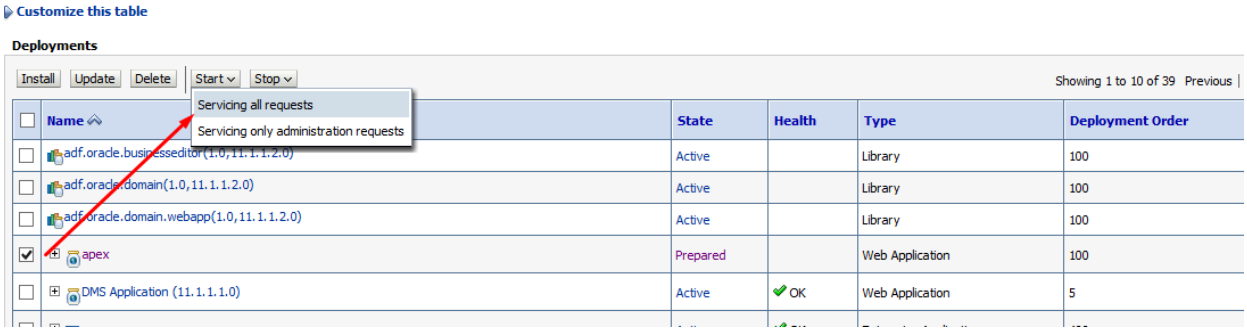
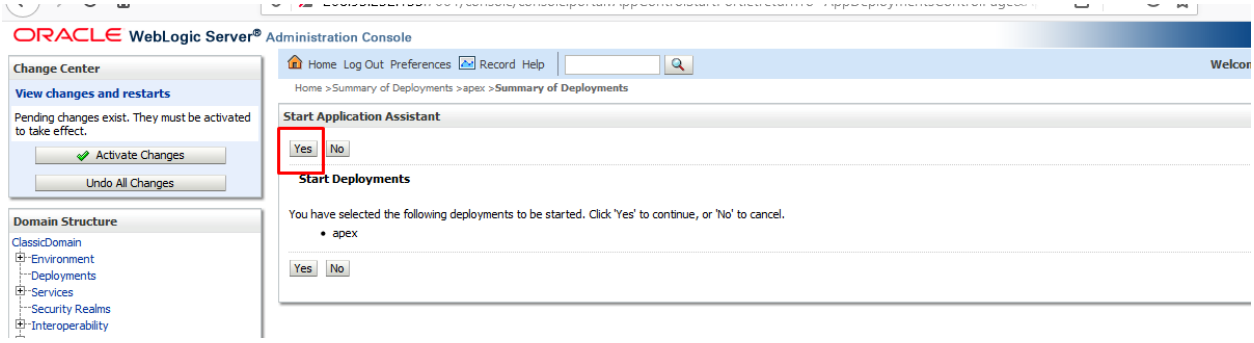
Click Finish.

Repeat the previous steps to deploy the i.war file.



1.6.8 Verifying the State and Health of apex and i

In the Summary of Deployments, select the Control tab and verify that both the apex and i State are Active and the Health status is OK.



If apex or i are not Active, then enable them. In the Deployments table, select the check box adjacent to apex and/or i. Click Start and select Servicing all requests to make them active.