REST API Services Deployment in WebSphere
Oracle FLEXCUBE Investor Servicing
Release 14.6.0.0.0
[May] [2022]

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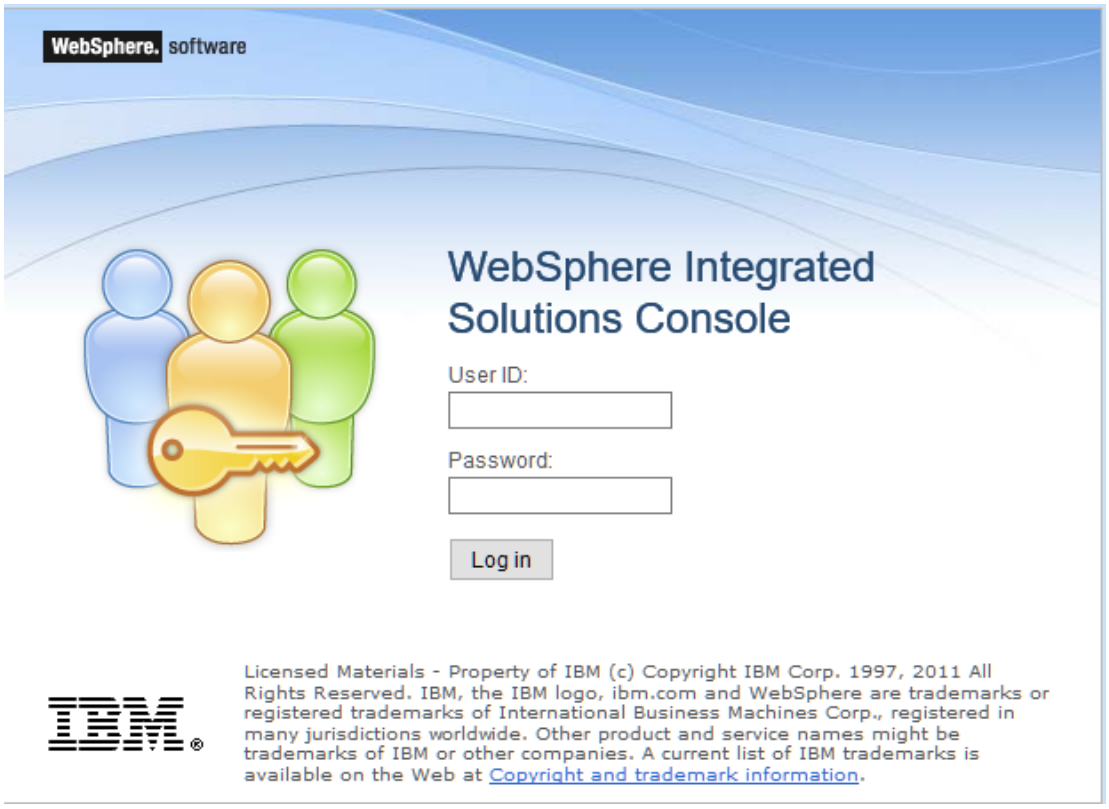
1. Oracle FLEXCUBE Investor Servicing Solutions

This document describes step to install REST Services into WebSphere application server in full.

1.1 REST API Services Full Deployment

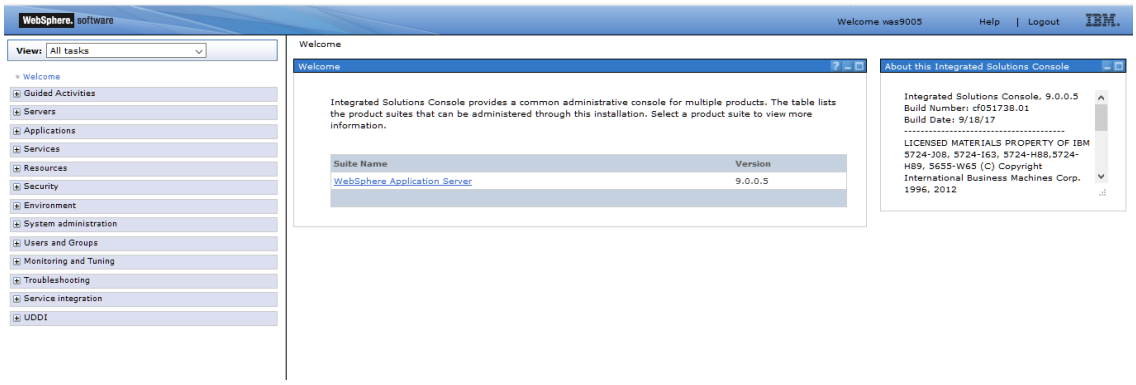
Before deploying the EAR, please create a Datasource **jdbc/FCJDevDSSMS** that will be referring to the API DB. More details of creating the data source can be found in the Resource Creation document

Launch WebSphere console following screen will be displayed.

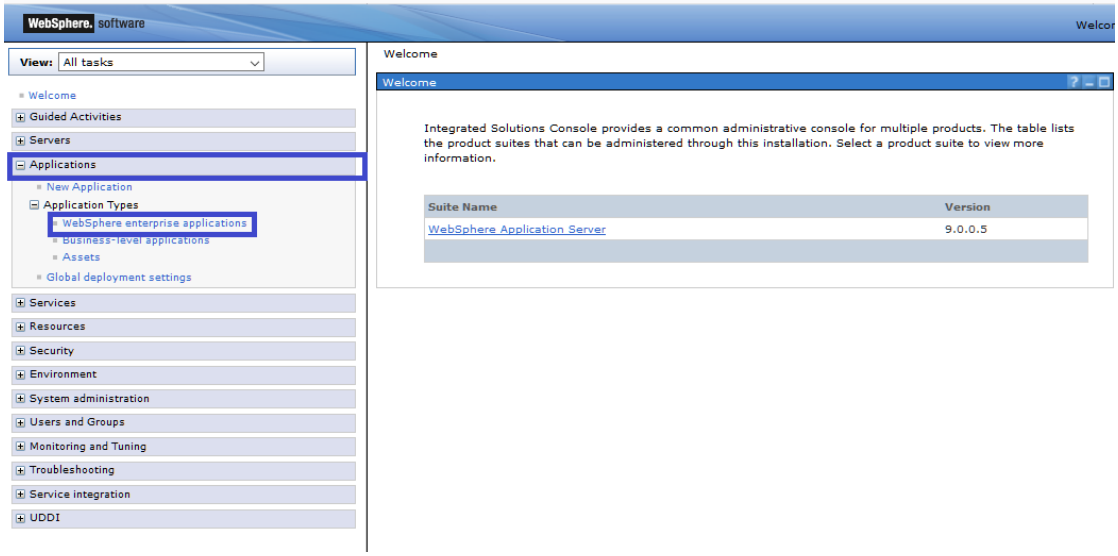


UserID: Enter user name password

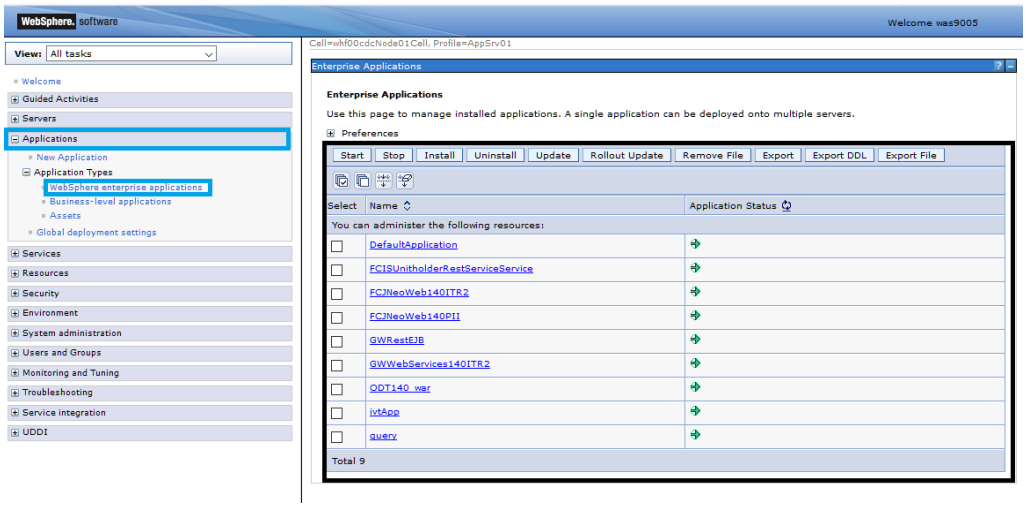
Click on ‘Log in’ and the following screen is displayed:



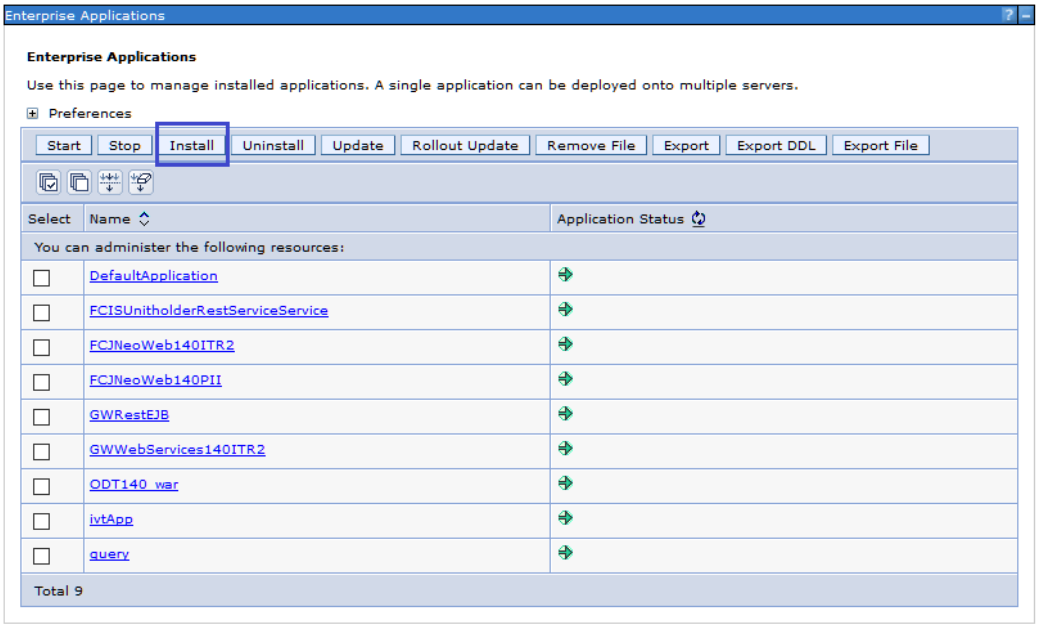
Expand Applications from the left panel and the following screen will be displayed.



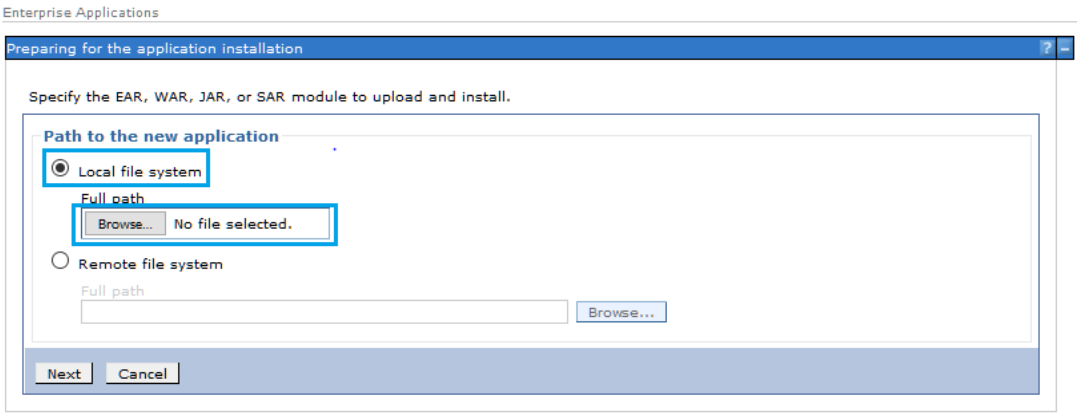
Expand Application Types >> WebSphere application type from the left panel and the following screen will be displayed.



Click on Install and the following screen will be displayed. Click Browse to select required rest EAR files.

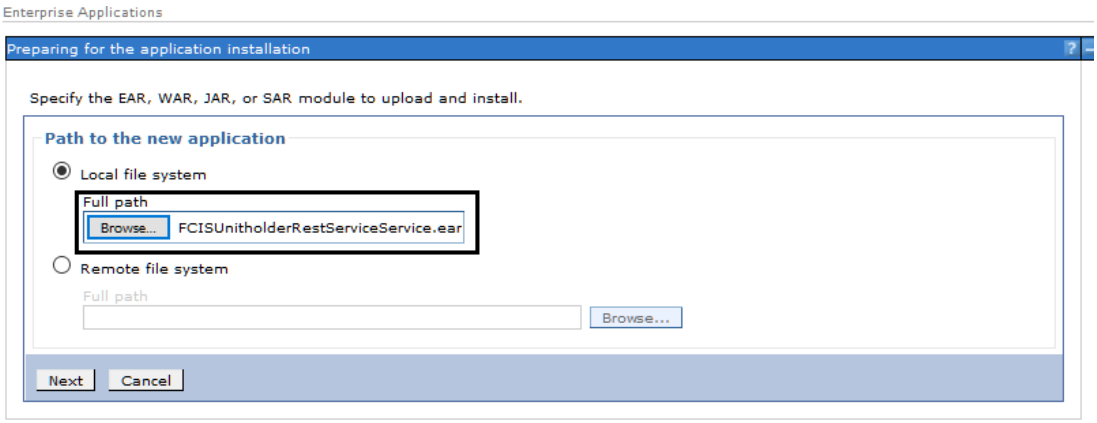


The following screen is displayed:

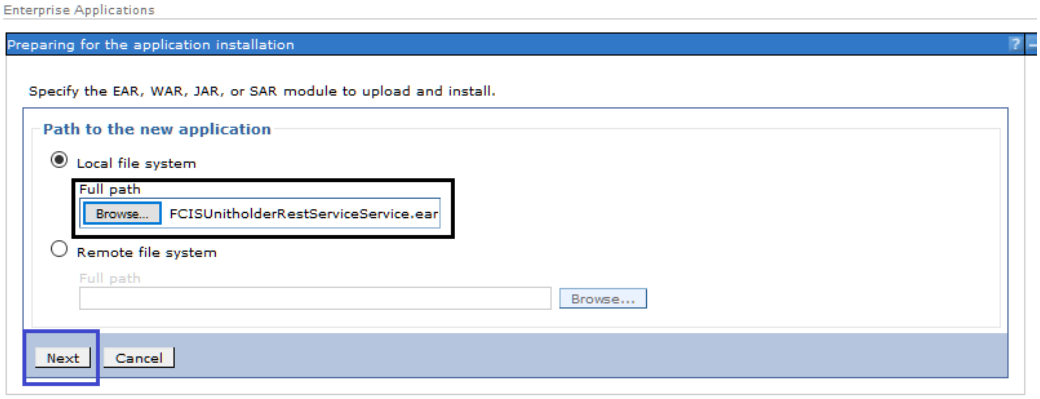


Choose File

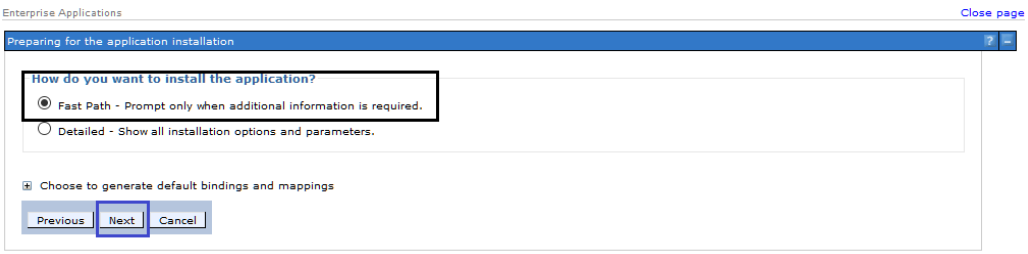
Browse and select the EAR file.



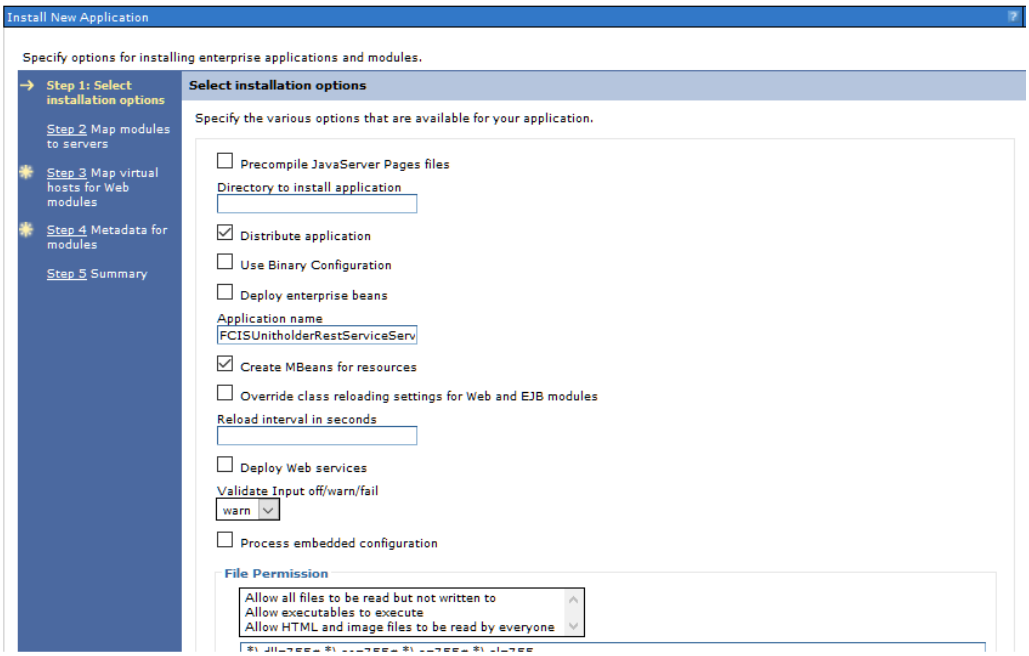
Click Next and the following screen will be displayed.

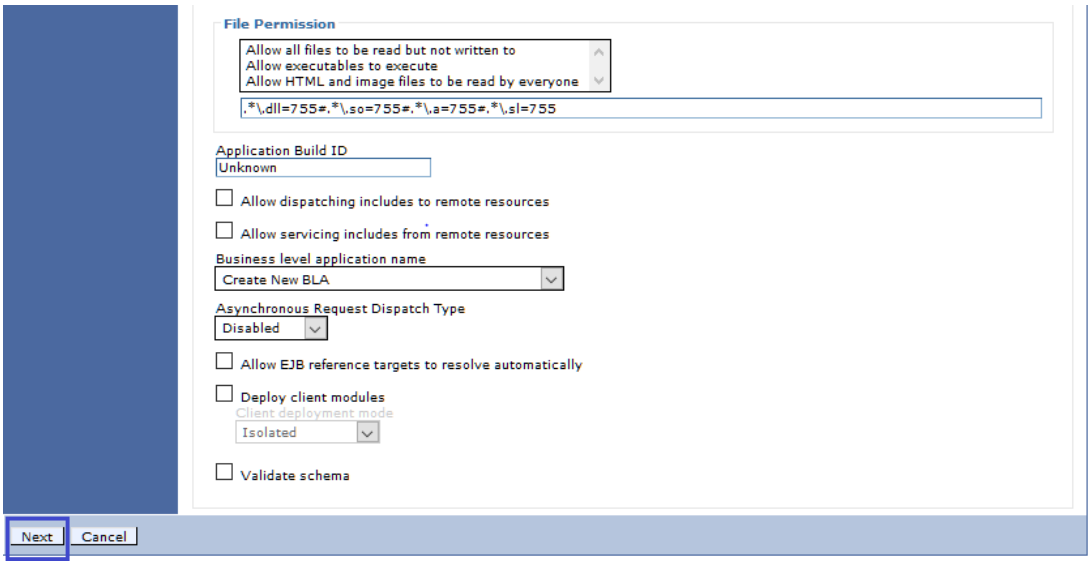


Click Next and the following screen will be displayed.

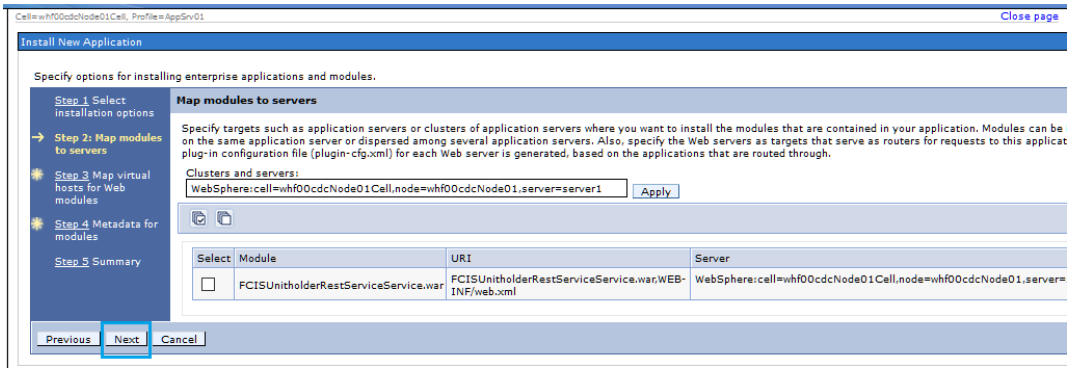


Click Next and the following screen will be displayed.

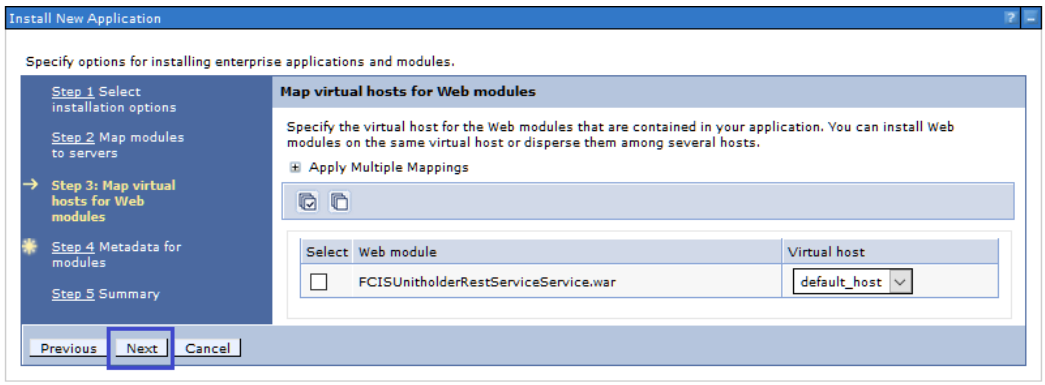


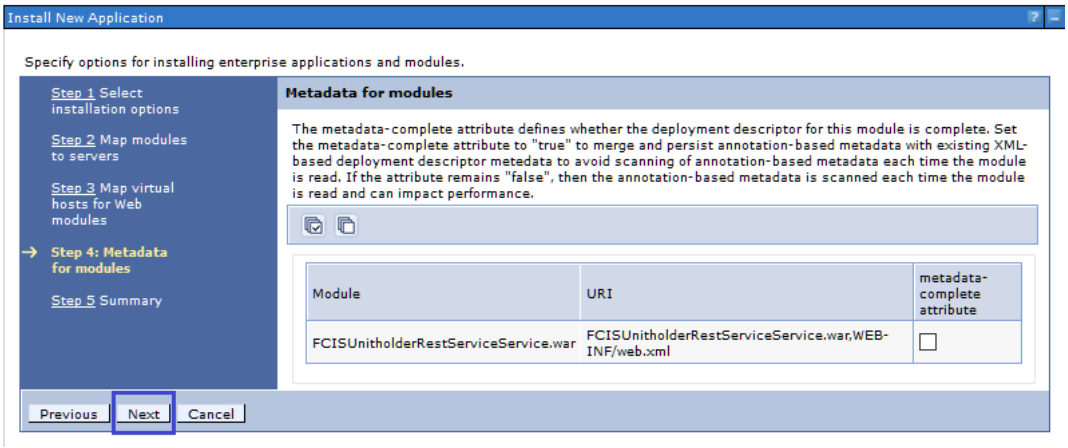


Click Next and the following screen will be displayed.

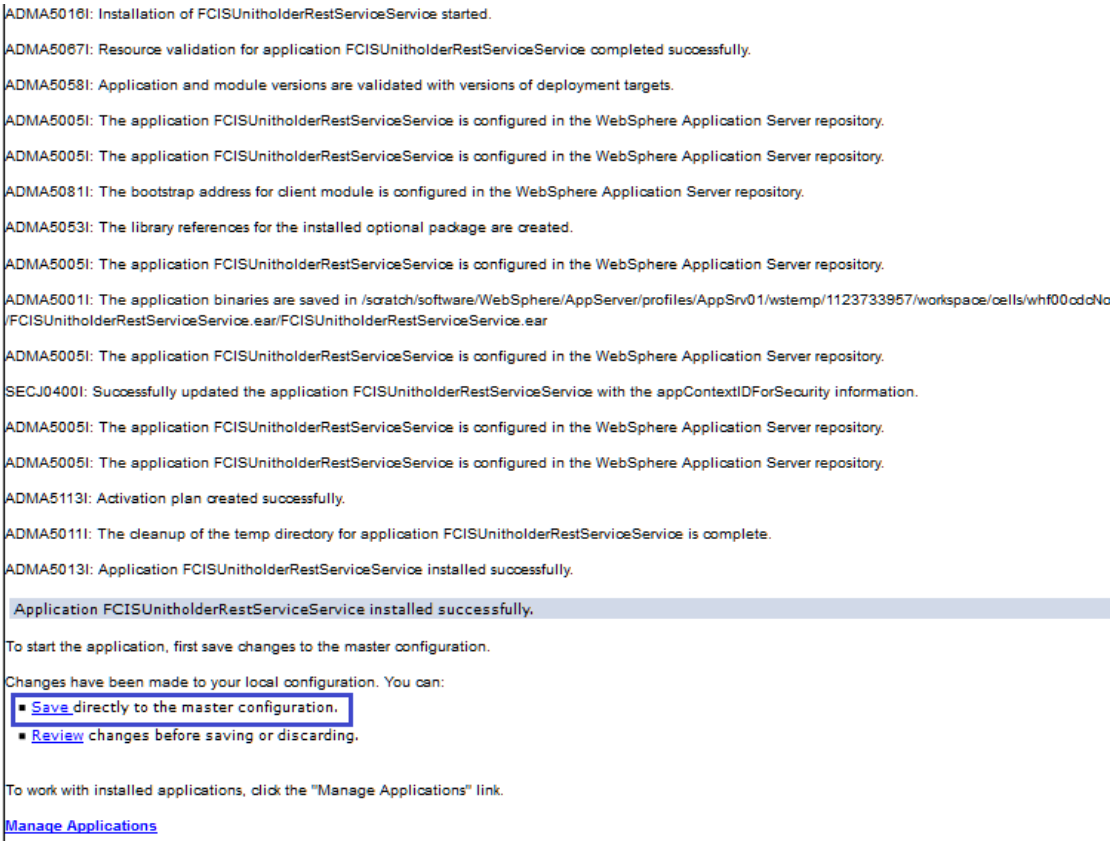


Click Next and the following screen will be displayed.





Click Finish and the following screen will be displayed and Save the EAR deployed.



ADMA5016I: Installation of FCISUnitholderRestServiceService started.

ADMA5067I: Resource validation for application FCISUnitholderRestServiceService completed successfully.

ADMA5058I: Application and module versions are validated with versions of deployment targets.

ADMA5005I: The application FCISUnitholderRestServiceService is configured in the WebSphere Application Server repository.

ADMA5005I: The application FCISUnitholderRestServiceService is configured in the WebSphere Application Server repository.

ADMA5081I: The bootstrap address for client module is configured in the WebSphere Application Server repository.

ADMA5053I: The library references for the installed optional package are created.

ADMA5005I: The application FCISUnitholderRestServiceService is configured in the WebSphere Application Server repository.

ADMA5001I: The application binaries are saved in /scratch/software/WebSphere/AppServer/profiles/AppSrv01/wstemp/1123733957/workspace/cells/whf00cdcNo
/FCISUnitholderRestServiceService.ear/FCISUnitholderRestServiceService.ear

ADMA5005I: The application FCISUnitholderRestServiceService is configured in the WebSphere Application Server repository.

SECJ0400I: Successfully updated the application FCISUnitholderRestServiceService with the appContextIDForSecurity information.

ADMA5005I: The application FCISUnitholderRestServiceService is configured in the WebSphere Application Server repository.

ADMA5005I: The application FCISUnitholderRestServiceService is configured in the WebSphere Application Server repository.

ADMA5113I: Activation plan created successfully.

ADMA5011I: The cleanup of the temp directory for application FCISUnitholderRestServiceService is complete.

ADMA5013I: Application FCISUnitholderRestServiceService installed successfully.

Application FCISUnitholderRestServiceService installed successfully.

To start the application, first save changes to the master configuration.

Changes have been made to your local configuration. You can:

- Save directly to the master configuration.
- Review changes before saving or discarding.

To work with installed applications, click the "Manage Applications" link.

Manage Applications

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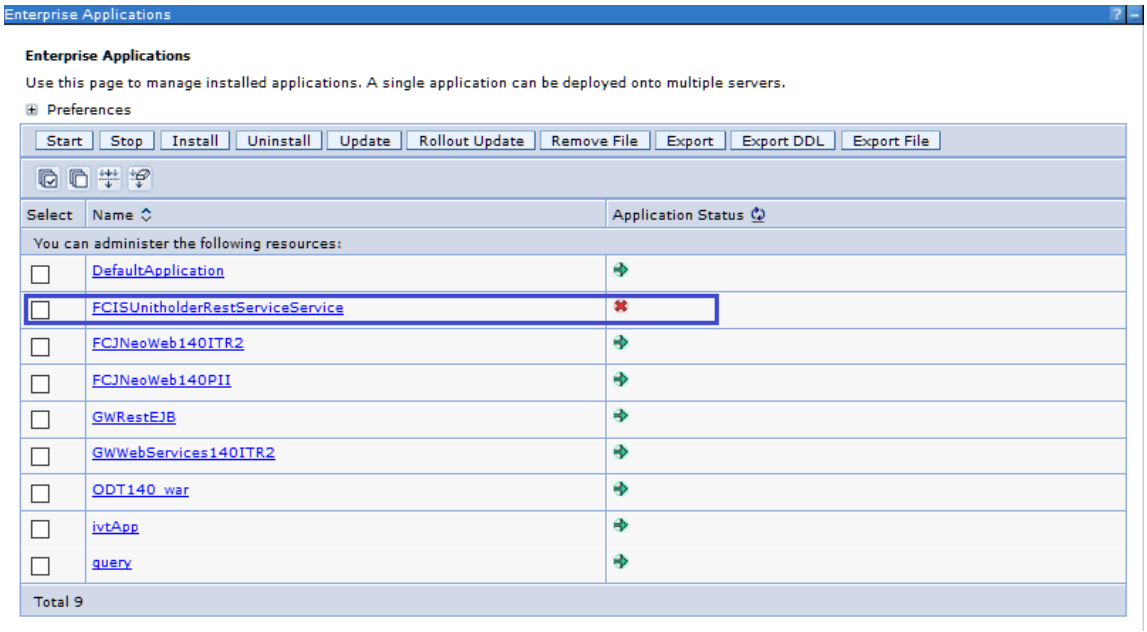
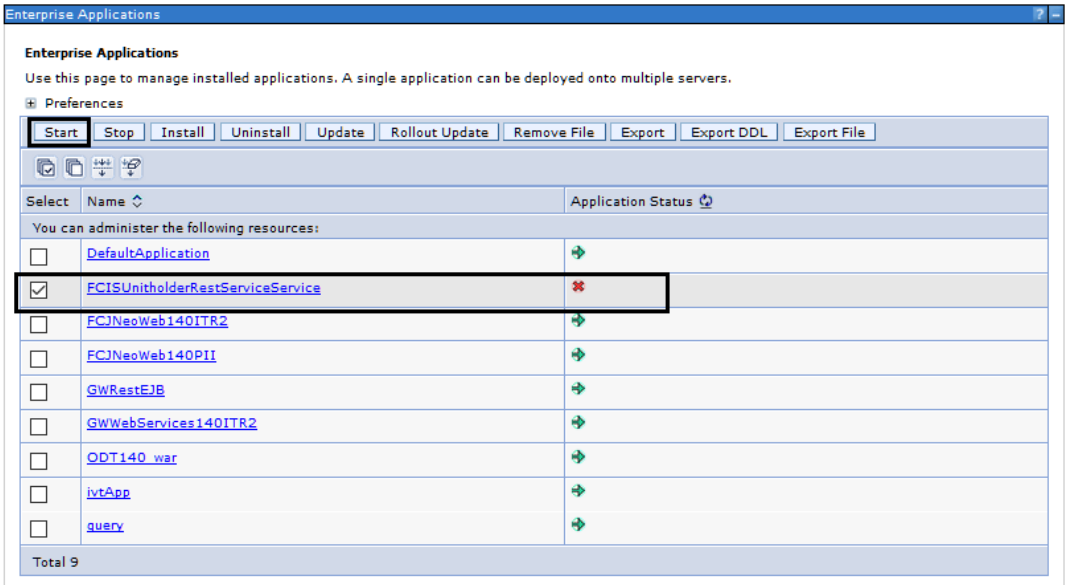
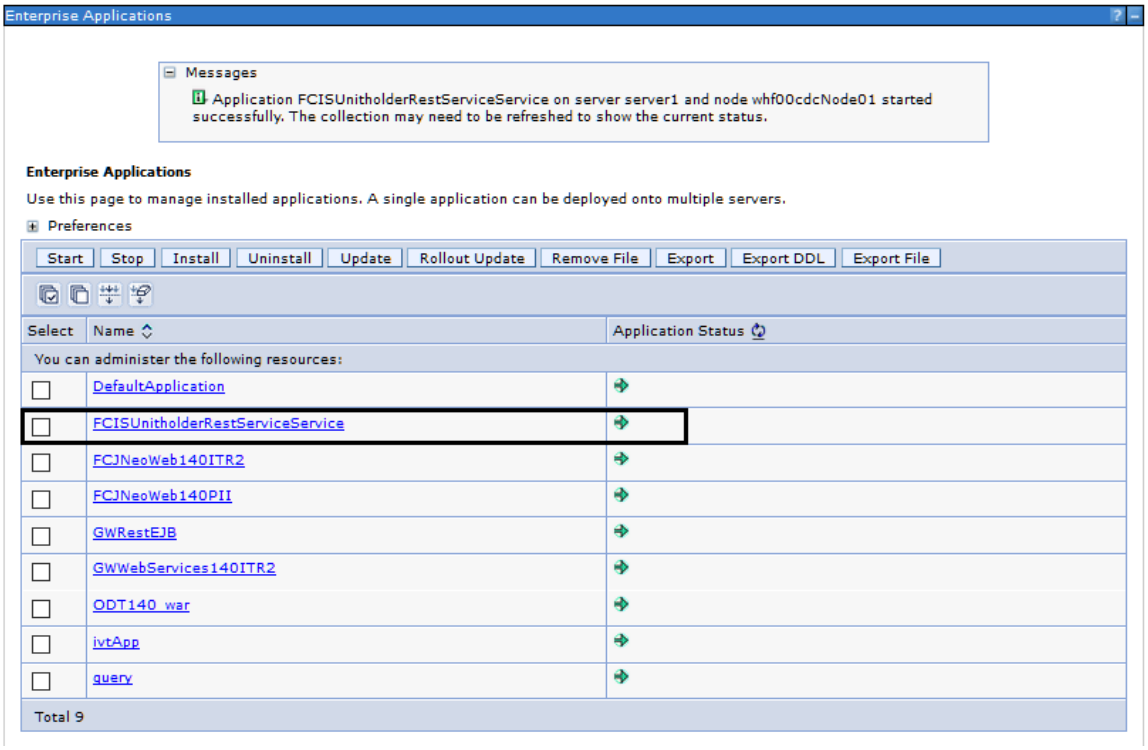
Once the EAR is deployed click on WebSphere enterprise applications following screen will be displayed where the deployed EAR can be found in resources column.



Check the application/EAR and click on Start the following screen will be displayed and your application will be in running.

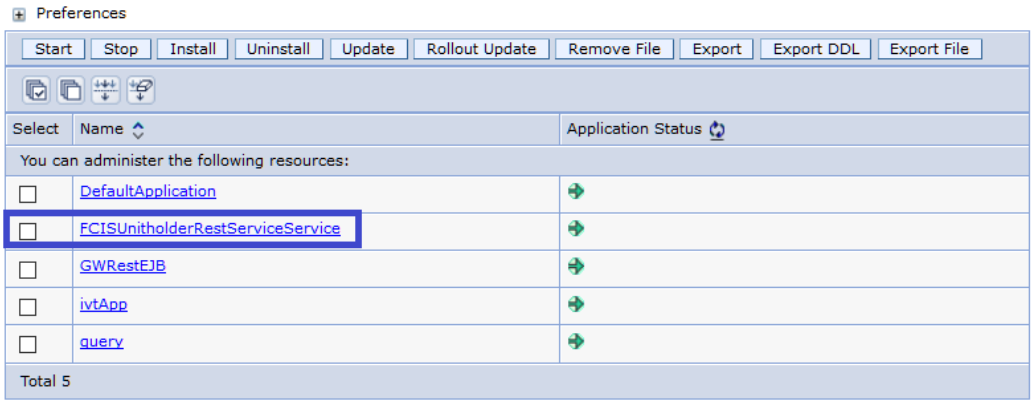


The following screen is displayed:

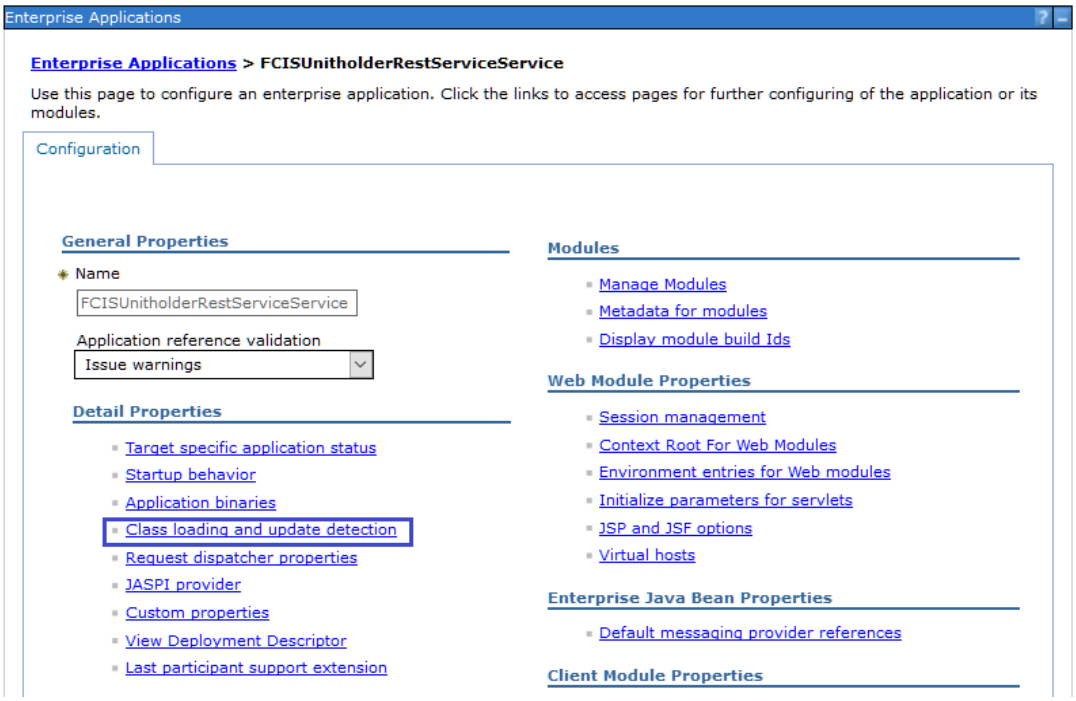


Note: Above steps are same for GWRESTEJB also.

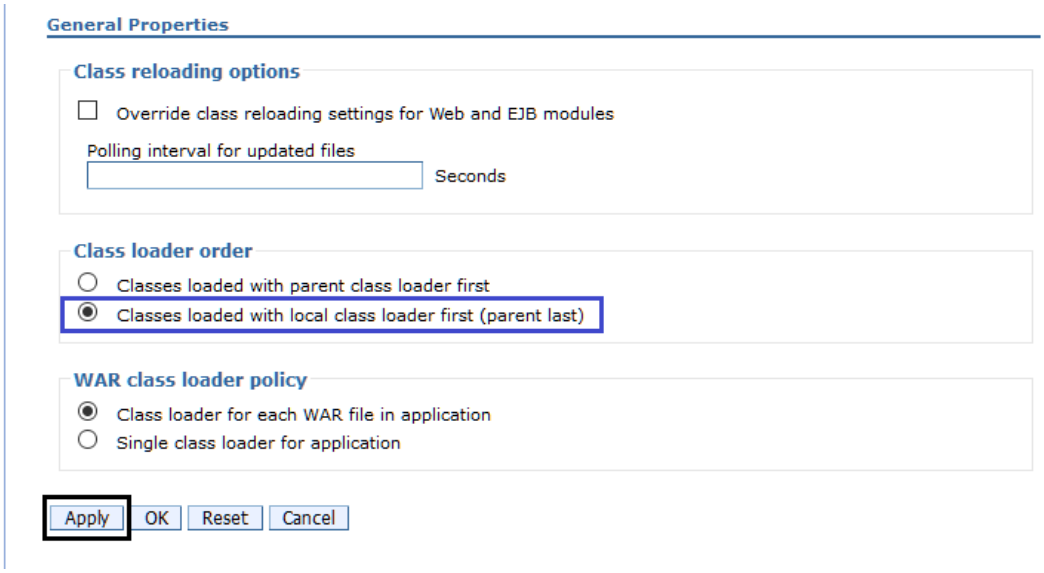
After installation click on the service (This step is done to generate swagger.json)



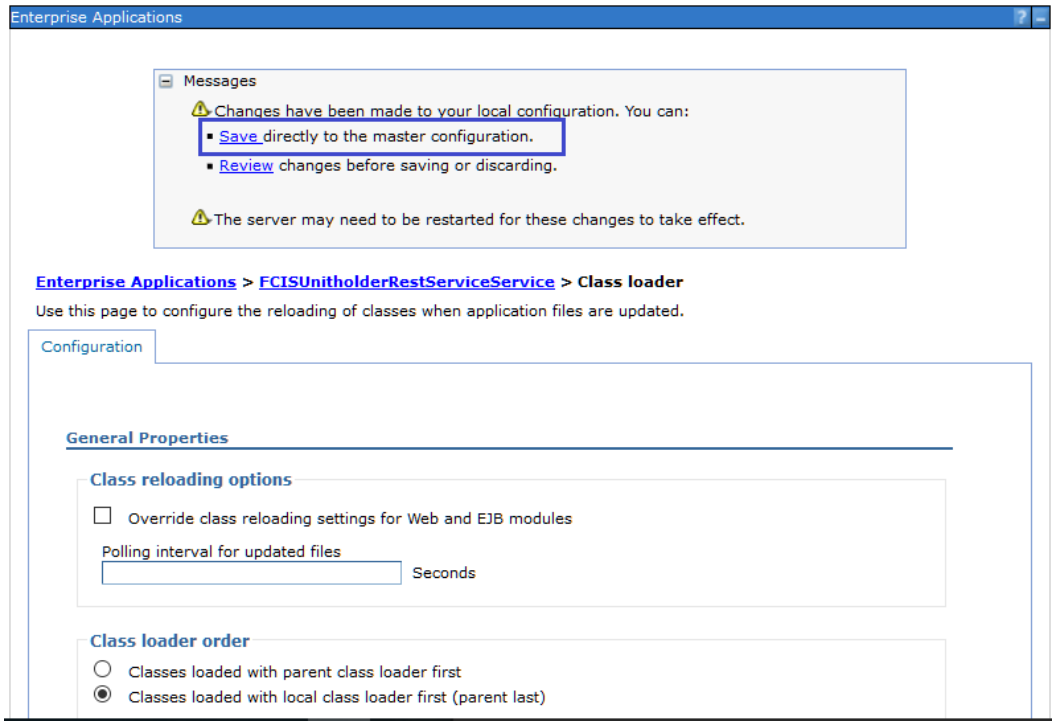
Click On Class loading and update detection



Select Class loaded with local class loader first (parent last) and click Apply.



Click Save.



1.2 Enabling Logs for REST Application

Launch WebSphere console following screen will be displayed.

User ID: Enter user name

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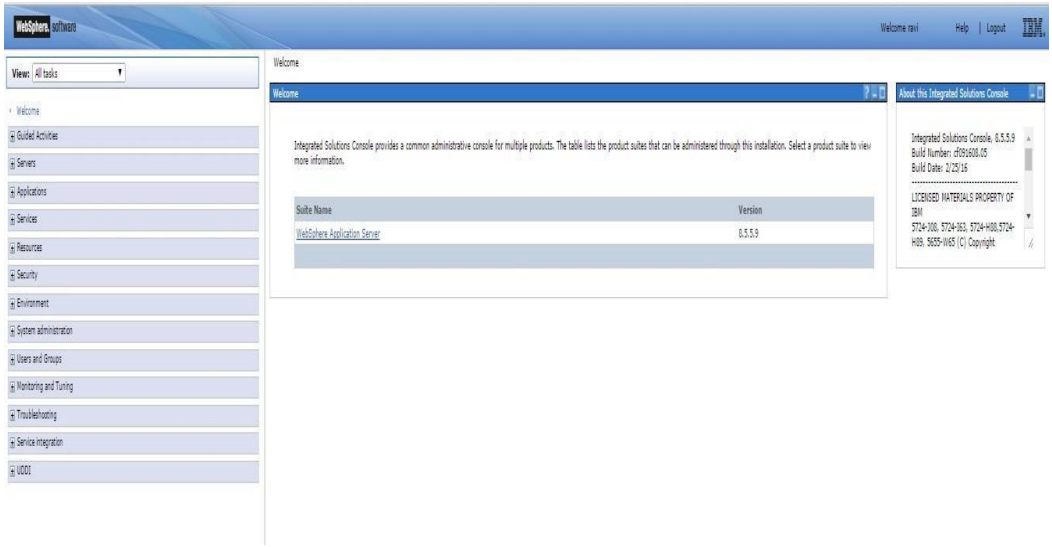
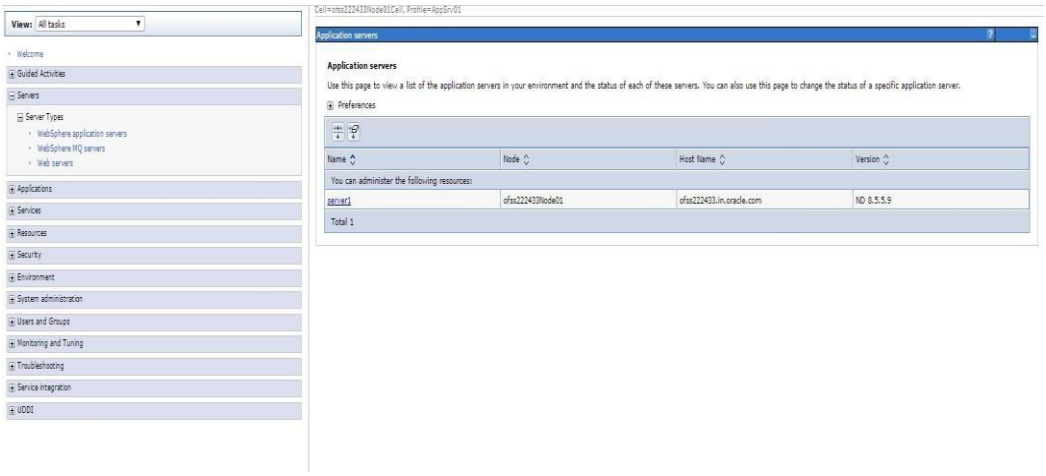
Click on ‘Log in’ and the following screen is displayed:

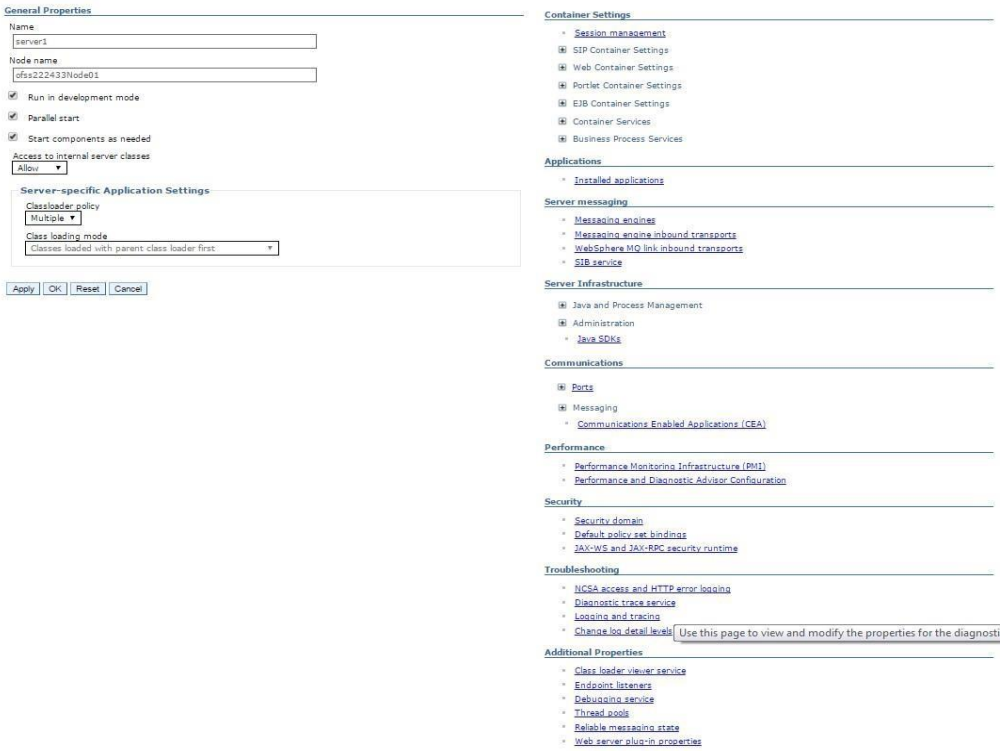


Expand ‘Servers’ from the left panel and the following screen is displayed:

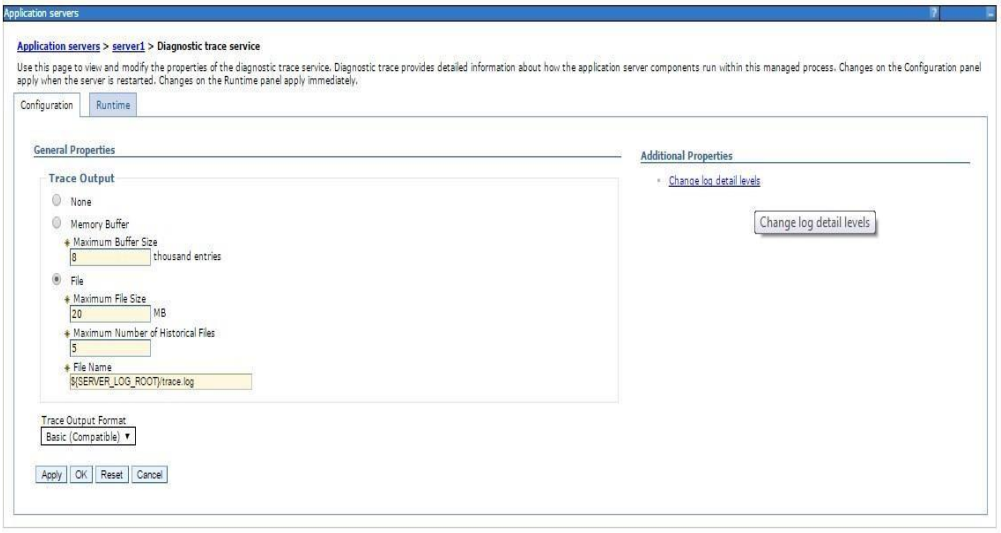
Expand ‘Server Type’ and Click WebSphere application servers and the following screen is displayed:



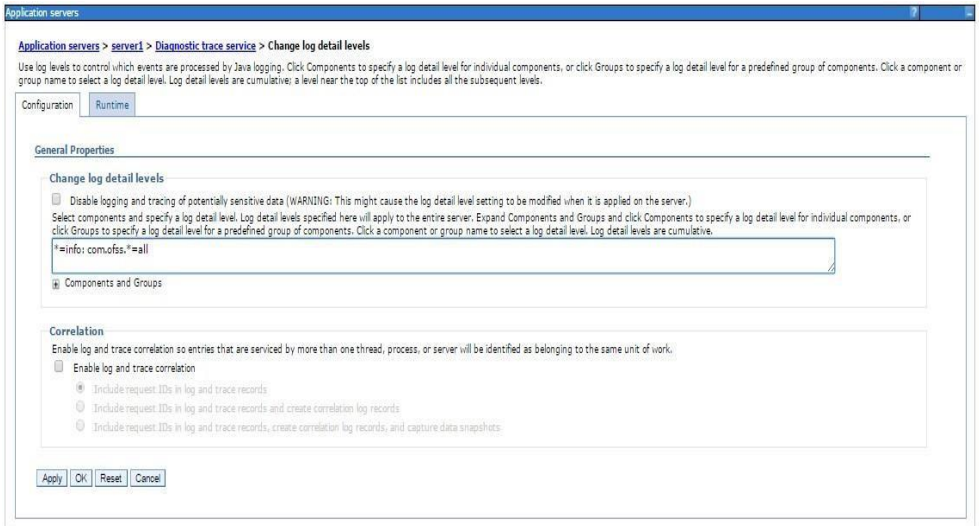
Click server1 and the following screen is displayed:



Click Diagnostic trace service and the following screen is displayed:



Click Change log detail levels and the following screen is displayed:



Change log detail levels

Add the entry com.off.*=all to the existing entry (i.e., now it will be *=info: com.ofss.*=all)

Restart the server post the change

The logs will now be written into the log area that is specified in the configuration Application servers > server1 > Diagnostic trace service.

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Version 14.6.0.0.0

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