# Deployment Files:

1. PIW\_SPAppWeb folder
2. PIW\_SPApp.app
3. PIW.bak (powershell backup file for the site collection)

# Site collection setup

1. Create a new managed path for PIW systems: /piw: explicit inclusion
2. Create new content database name SPTEST\_Content\_PIW
3. Execute this scripts to create new site collection:



1. Run the powershell script to restore the site collection



# Prepare deployment files (for developer only – deployment staff can skip this step)

1. Refer to document “PIW App Web Deployment Env Setup and Deploy”
2. Get the existing IssuerID that is currently in used in Test: 624774a2-c249-478d-9f66-ed91c289fc5d (from OAL)
3. Cert Location: E:\Certs\S2S\S2STestRev3.pfx
4. Cert Password: Sharepoint03
5. ClientID: 7cc9aa34-aa0e-46da-9685-25e68f860b13 (just generated from PowerShell $issuerID = [System.Guid]::NewGuid()
6. Run powershell script from “PIW App Web Deployment Env Setup and Deploy” document to generate clientID and register clientID. Write down the clientID for later use



1. Update web.config to appropriate environment
2. Update appmanifest.xml to have new ClientID and StartPage
3. Remote App Web URL: <https://test.spapps.ferc.gov/PIW_SPAppWeb>
4. Publish 2 projects from the Visual Studio with above information for Test environment. Make sure to select correct publish name, different between dev and test and prod. It will generate:
5. PIW\_SPAppWeb folder
6. PIW\_SPApp.app

# Remote app deployment

1. Copy PIW\_SPAppWeb folder to all remote app servers.
2. Start cmd as administrator
3. Navigate to above folder
4. Execute: PIW\_SPAppWeb.cmd /y on each server

# SharePoint app registration

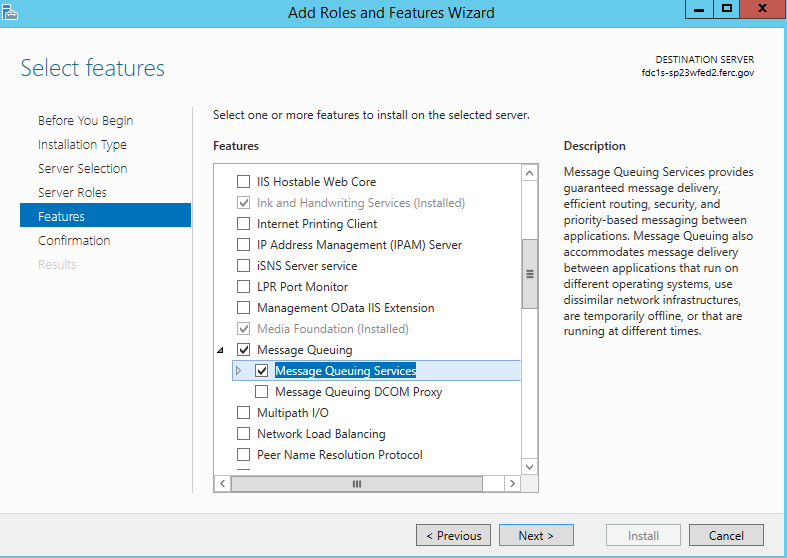
1. From Central Admin 🡪 App 🡪 Manage App Catalog, find the URL of the app catalog
2. Open the App catalog from above URL
3. Click on App for SharePoint
4. Upload file PIW\_SPApp.app to the site
5. Go to the host site <https://test.sp.ferc.gov/piw>
6. Click on “Site Content” 🡪 “Add an app”
7. Select PIW\_SPAppWeb
8. Trust the app.
9. Go back to Home page, the app PIW\_SPAppWeb should be appear in the left navigation.

# Add queue feature to all servers

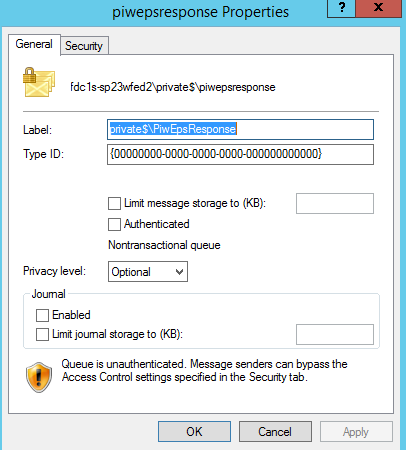
Open Server Manager

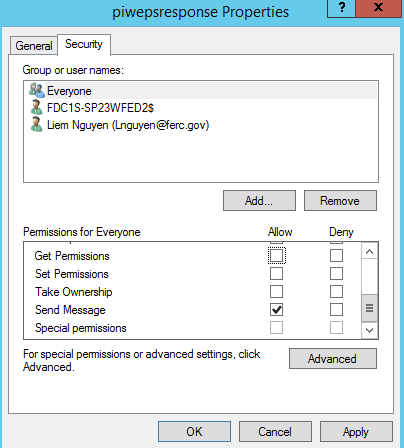
Add Role and Feature

Select Message Queue Services



Create new private queue name PiwEpsResponse. Set permission “Everyone” to allow “Send Message”





# Select application pool in IIS:

Go to PIW\_SPAppWeb in IIS, click on basic setting.

Change the application pool to “Portal App Pool”

Write down the service account. It should be **svc.spapppool.dev**

# Set Folder for publishing and validation

Create new folder PIWDocuments in E drive on one of the server. Add the setting in web.config

1. <add key="PIWDocuments" value="\\fdc1s-sp23wfed2\PIWDocuments"></add>
2. <add key="PIWDocuments" value="\\fdc1s-sp23wfet3\PIWDocuments"></add>
3. <add key="PIWDocuments" value="\\fdc1s-sp23wfep3\PIWDocuments"></add>

Share folder to application pool account with Read/Write. It will allow the piw\_spapp to copy the file to the folder for publishing and for validating.

Share the folder toEPS service account with Read/Write permission. It is for the EPS to read the publishing file.