PROVIDER HOSTED APP

1. Two certficates needs to be created for RERA

> CertificateKalpataruCommon

> CertificateKalpataruRERA

Note – Make sure that issuerID is different for both certificates

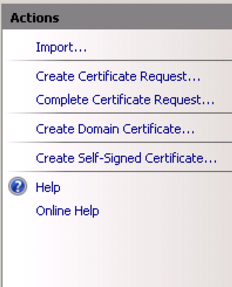
2) Below are the steps for creating certificate

## CERTIFICATE STEPS

1. Open IIS manager on the SharePoint Server and double click on Server Certificates in IIS section.

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Internet Information Services (IIS) Manager 
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Help 
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Export. Server Package... 
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Compression 
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Permissions 
ISAPI Filters 
MIME Types 
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Import. Server or Site Package.. 
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Version 
Get Neuu Web Platform 
Components 
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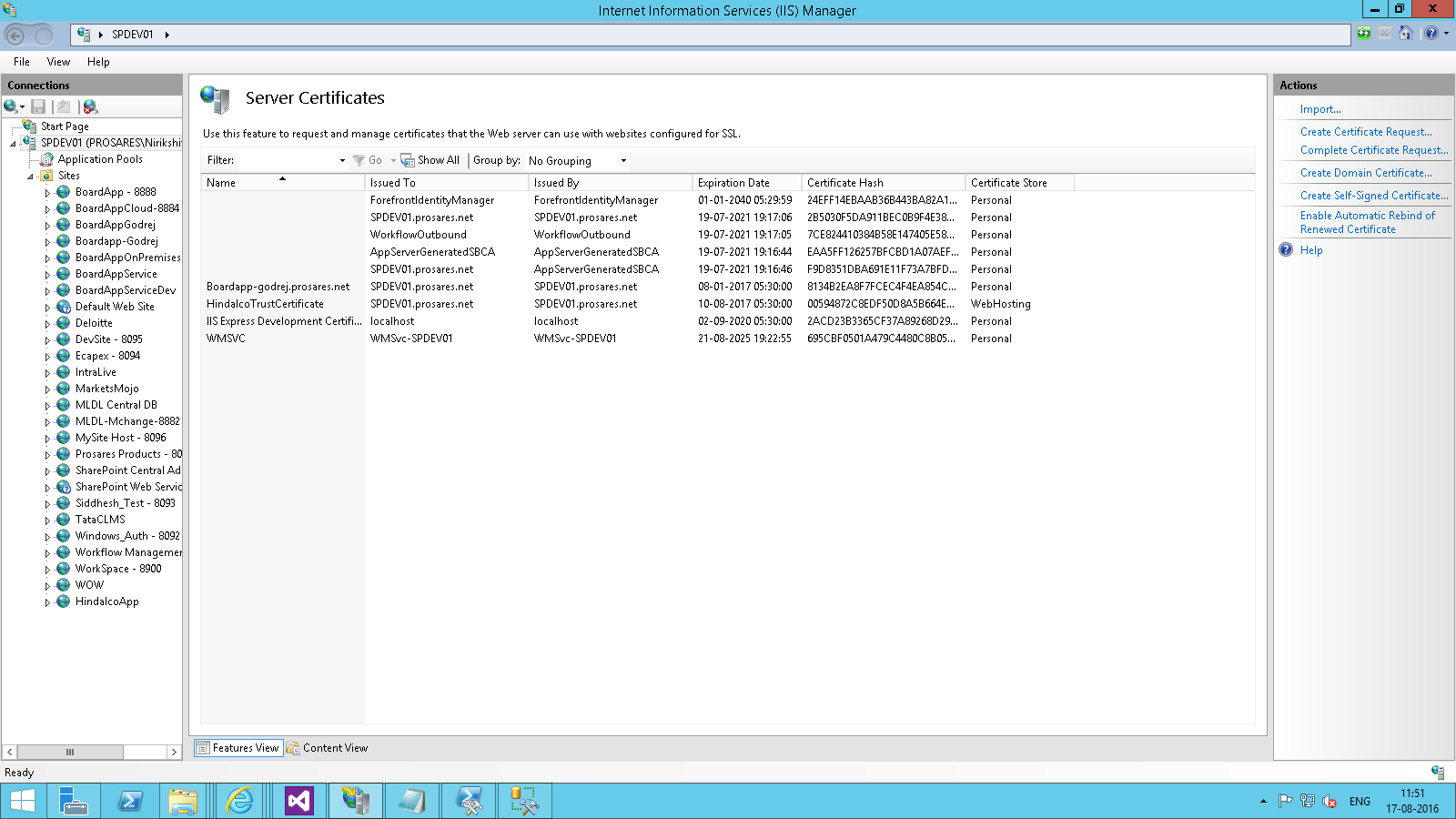
1. Click on Create Self-Signed Certificate.



1. Specify Friendly Name of the certificate as " CertificateKalpataruCommon".

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Application Pools 
Server Certificates 
use this feature to request and manage certificates that the Web server can use wuith wuebsites configured for SSI. 
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Create Self-Signed Certificate 
Specify Friendly Name 
Specify a file name for the certificate request. This information can be sent to a certificate authority for 
Specify a friendly name for the certificate: 
HindaIcoTrustCeftificate 
Select a certificate store for the neuu certificate: 
Web Hosting 
Features Viewu 
Content Viewu 
Create Certificate Request... 
Complete Certificate Request... 
Create Domain Certificate... 
Create Self-Signed Certificate... 
Enable Automatic Rebind of 
Renewued Certificate 
ENG 
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1. The certificate will appear in the list of Server certificates.



1. Go to windows explorer and create a folder named D:\RERACertificates.
2. In Server Certificates, right click on the certificate just created i.e. CertificateKalpataruCommon and click on Export

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19-07-2021 
19-07-2021 7:05 
19-07-2021 7:06 
01-01-2040 
08-01-2017 
10-08-2017 
02-09-2020 
Certificate Hash 
ÆDB351DBA6g1E11F73A7BFD... 
EAA5FF126257BFCBDIA07AEF... 
7CEB244103B4B5BE147405E5B... 
285030F5DAg11BECOB9F4E3B... 
24EFF14EBAAB36B443BAB2A1... 
813482EABF7FCEC4F4EAB54C.. 
00594872CBEDF50DRA5B664E... 
2ACD23B3365CF37AB926BDag... 
69TBF0501AA7gc44aocBB05... 
Certificate 
Personal 
Personal 
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Store 
Complete Certificate Request... 
Create Domain Certificate.. 
Create Self-Signed Certificate... 
Remove 
Enable Automatic Rebind of Renewued Certificate 
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Create Certificate Request... 
Complete Certificate Request... 
Create Domain Certificate.. 
Create Self-Signed Certificate... 
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Remove 
Enable Automatic Rebind of 
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1. In Export To, provide the path created earlier (D:\RERACertificates) and give file a name like " CertificateKalpataruCommon ". The file has .pfx extension (password: prosares)

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Internet Information Services (IIS) Manager 
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Server Certificates 
use this feature to request and manage certificates that the Web server can use wuith wuebsites configured for SSI. 
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19-07-2021 7:05 
19-07-2021 7:06 
Export Certi ficate 
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Export. to: 
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Certificate Hash 
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EAA5FF126257BFCBDIA07AEF... 
7CEB244103B4B5BE147405E5B... 
285030F5DAg11BECOB9F4E3B... 
3BAB2A1... 
F4EAB54C... 
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BOCBB05.. 
Cancel 
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Content Viewu 
Create Certificate Request... 
Complete Certificate Request... 
Create Domain Certificate... 
Create Self-Signed Certificate.. 
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Remove 
Enable Automatic Rebind of 
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1. Double click on the certificate " CertificateKalpataruCommon" in Server Certificates.

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Server Certificates 
Start Page 
use this feature to request and manage certificates that the Web server can use wuith wuebsites configured for SSI. 
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Application Pools 
Certificate 
Certification Path 
Certificate Hash 
ÆDB351DBA6g1E11F73A7BFD... 
EAA5FF126257BFCBDIA07AEF.. 
7CEB244103B4B5BE147405E5B... 
285030F5DAg11BECOB9F4E3B... 
24EFF14EBAAB36B443BAB2A1... 
813482EABF7FCEC4F4EAB54C... 
00594872CBEDF50DRA5B664E... 
2ACD23B3365CF37AB926BDag... 
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Certificate 
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WebHosting 
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Valid From 
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Features Viewu 
Edit Properties... 
Content Viewu 
Copy to File... 
Create Certificate Request... 
Complete Certificate Request... 
Create Domain Certificate.. 
Create Self-Signed Certificate... 
x 
Remove 
Enable Automatic Rebind of 
Renewued Certificate 
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1. Click on Copy to File button at the bottom right to start export wizard.

1. Select the option No, do not export the private key and click Next.

1. Select default values and click Next.

1. Browse to D:\RERACertificates and name the file CertificateKalpataruCommon.cer and click Next.

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Certificate Hash 
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EAA5FF126257BFCBDIA07AEF... 
7CEB244103B4B5BE147405E5B... 
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24EFF14EBAAB36B443BAB2A1... 
813482EABF7FCEC4F4EAB54C... 
00594872CBEDF50DRA5B664E... 
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Certificate Export Wizard 
Fik to 
Specify the name OF the File you want to export 
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Browse... 
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Content Viewu 
Create Certificate Request... 
Complete Certificate Request... 
Create Domain Certificate.. 
Create Self-Signed Certificate... 
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Remove 
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1. Finally click on Finish

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Start Page 
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Application Pools 
Server Certificates 
use this feature to request and manage certificates that the Web server can use wuith wuebsites configured for SSI. 
Certificate Export Wizard 
Completing the Certificate Export Wi&rd 
You have successfully completed the Certificate Export "izard. 
Expiration Date 
19-07-2021 
19-07-2021 
19-07-2021 7:05 
19-07-2021 7:06 
01-01-2040 
08-01-2017 
10-08-2017 
02-09-2020 
Certi ficate Export Wizard 
The export wuas successful. 
Certificate Hash 
ÆDB351DBA6g1E11F73A7BFD... 
EAA5FF126257BFCBDIA07AEF... 
7CEB244103B4B5BE147405E5B... 
285030F5DAg11BECOB9F4E3B... 
24EFF14EBAAB36B443BAB2A1... 
813482EABF7FCEC4F4EAB54C.. 
00594872CBEDF50DRA5B664E... 
2ACD23B3365CF37AB926BDag... 
69TBF0501AA7gc44aocBB05... 
Certificate Store 
Personal 
Personal 
Personal 
Personal 
Personal 
Personal 
WebHosting 
Personal 
Personal 
You have specified the Following settings: 
File Name 
Export Keys 
Include all certificates in the certification path 
C: XCerts\HindaIcoCertiFicate cer 
No 
DER Encoded Binary X. 509 (8 .cer) 
File Format 
Features Viewu 
Content Viewu 
Create Certificate Request... 
Complete Certificate Request... 
Create Domain Certificate... 
Create Self-Signed Certificate.. 
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1. Now run the following PowerShell commands to configure SharePoint 2013 to use certificates

$publicCertPath = "D:\Preeti\FinalCerts\CertificateKalpataruCommon.cer"

$issuerId = "11111111-1111-1111-1111-111111111113"

$spurl = "http://spdev03/sites/RERA"

$spweb = Get-SPWeb $spurl

$sc = Get-SPServiceContext $spweb.site

$realm = Get-SPAuthenticationRealm -ServiceContext $sc

$certificate = Get-PfxCertificate $publicCertPath

$fullIssuerIdentifier = $issuerId + '@' + $realm

New-SPTrustedSecurityTokenIssuer -Name "Certificate Kalpataru Common High Trust" -Certificate $certificate -RegisteredIssuerName $fullIssuerIdentifier -IsTrustBroker

iisreset

4) Create two IIS site

i) KalpataruCommon

> http://spdev03.prosares.net:9091/

ii) KalpataruRERA

* http://spdev03.prosares.net:9092/

## DEPLOYMENT

Deployment involves App deployment and Website deployment

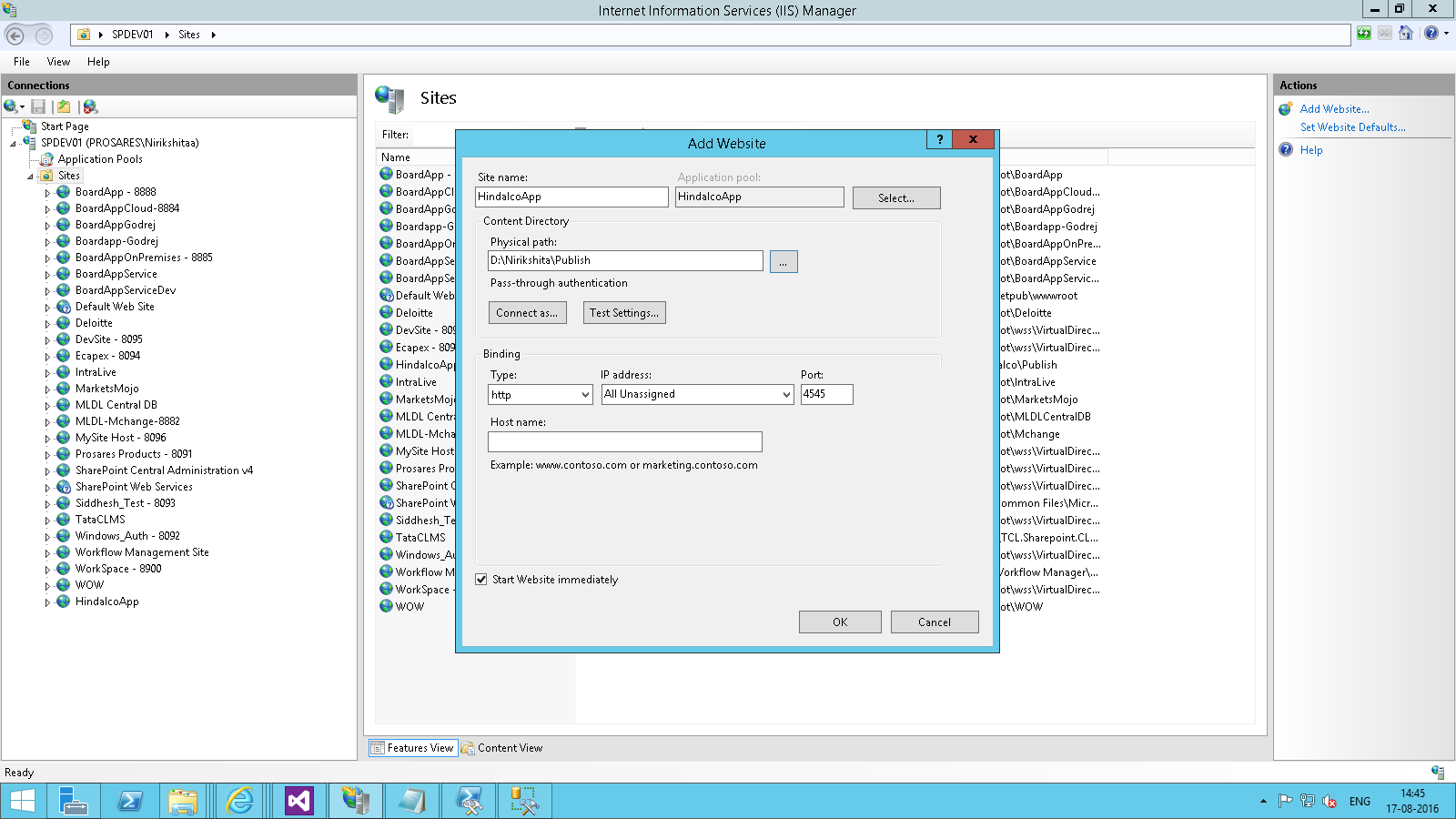
### WebSite Deployment:

1. Go to iis manager and click on create web site

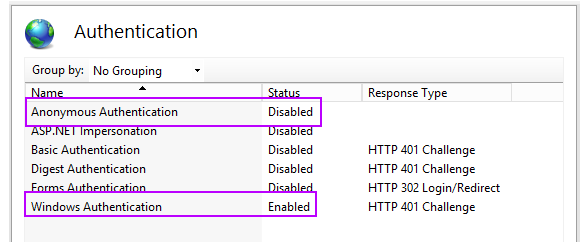
Site name: KalpataruCommonApp

Physical Path : {Path containing the web site files}

Port: 9091



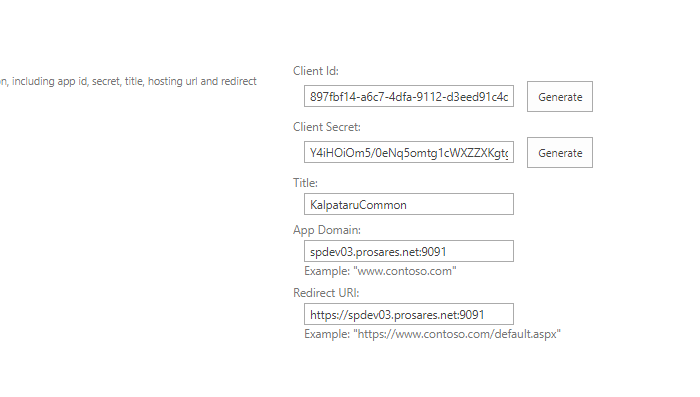
1. Authentication : disable anonymous access and enable Windows authentication



5) Generate ClientID and Client Secret for both the IIS site

Before publishing the app, a new client ID for the App should be generated form the app site.

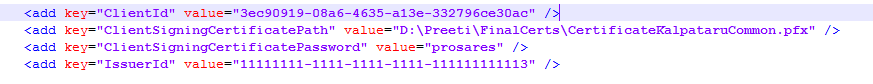
1. Navigate to appregnew.aspx ({site collection url}/\_layouts/15/Appregnew.aspx)
2. Click on Generate button for App Id. Note the generated id which will be used in app later on.



6)

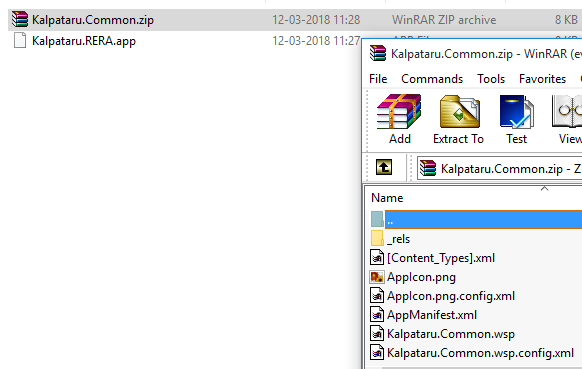
Update web.config file

* ClientId - Id generated in step 3
* ClientSigningCertificatePath – Path of certificate (.pfx file) generated in step 2
* ClientSigningCertificatePassword – prosares (password used while creating certificate in step 2)



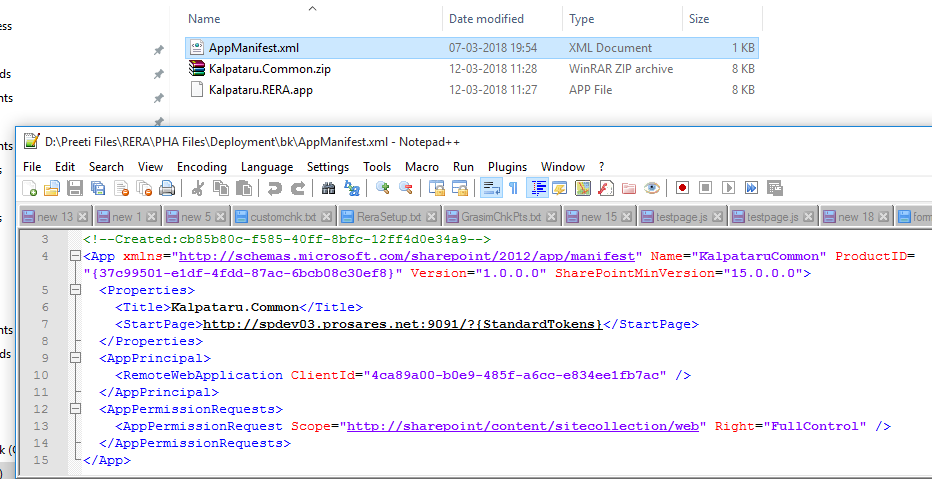
### 7) App Deployment:

1. Rename the .app file to a .zip file and opening it in windows explorer



1. Open AppManifest.xml file in notepad and change the Client ID to the id generated in step 3

and change Start Page url to site create in iis during web deployment and add it back in the zip file. Rename it to .app file again.



8) Remove below code in Web.config – PHA\_RERA

i)

<add key="UserId" value="krishnap" />

<add key="Password" value="mar@123" />

<add key="Domain" value="Prosares" />

<add key="TempUserId" value="preetip" />

<add key="TempPassword" value="jan@2017" />

<add key="TempDomain" value="prosares" />

ii)

Replace SiteUrl with sitecollection url in Web.config – PHA\_RERA

<add key="SiteUrl" value="http://spdev03/sites/RERA/" />