# Setting up Office Web App Server with on-prem SharePoint

1. Follow the Microsoft documentation at the following article for server requirements
   * <https://docs.microsoft.com/en-us/webappsserver/plan-office-web-apps-server?redirectedfrom=MSDN>
   * The article does not provide information for 2016 Server. Follow the requirements for Server 2012 R2 but you will need to install Office Online Server
     + <https://docs.microsoft.com/en-us/officeonlineserver/office-online-server>
2. Follow the steps outlined in the following article to install the necessary software and Windows features
   * <https://docs.microsoft.com/en-us/webappsserver/deploy-office-web-apps-server>
   * To add windows features, use the following script rather than the one in this article for Server 2016
   * Add-WindowsFeature Web-Server,Web-Mgmt-Tools,Web-Mgmt-Console,Web-WebServer,Web-Common-Http,Web-Default-Doc,Web-Static-Content,Web-Performance,Web-Stat-Compression,Web-Dyn-Compression,Web-Security,Web-Filtering,Web-Windows-Auth,Web-App-Dev,Web-Net-Ext45,Web-Asp-Net45,Web-ISAPI-Ext,Web-ISAPI-Filter,Web-Includes,NET-Framework-Features,NET-Framework-Core,NET-HTTP-Activation,NET-Non-HTTP-Activ,NET-WCF-HTTP-Activation45
   * You will need to have the Windows Server ISO mounted
3. Follow the steps in the following article to Create the Office Web Apps Server farm
   * <https://docs.microsoft.com/en-us/webappsserver/configure-office-web-apps-for-sharepoint-2013#in-a-production-environment-that-uses-https>
   * Properties for New-OfficeWeAppsFarm cmdlet
     + -InternalURL – <https://sab01spo1.heq.corp.he>
     + -ExternalURL – <https://owas.healthequity.com>
     + -CertificateName – name of the certificate ex. ows.healthequity.com
4. Follow the steps in the following article to connect the OWA or Office online software to on-prem SharePoint environment
   * <https://docs.microsoft.com/en-us/webappsserver/configure-office-web-apps-for-sharepoint-2013>
   * Follow the steps for https
     + <https://docs.microsoft.com/en-us/webappsserver/configure-office-web-apps-for-sharepoint-2013#in-a-production-environment-that-uses-https>
     + Properties for New-SWOPIBinding cmdlet
       - -ServerName - the FQDN of the server ex. sab01spo01.heq.corp.he