



Azure section 10.2 - Publishing Read It app.

Before downloading the catalog app on the server first we need to download the dotnet framework on the server as it is necessary for the app to get installed.

We will be downloading the dotnet hosting bundle and not dotnet SDK or Runtime because hosting bundle is integrated with the IIS web services which we have installed in the last section and this helps us to run the dotnet apps.

Go to the browser and search dotnet download. on that page:

After downloading the hosting bundle we need to create the folder where the published files of the catalog app will be copied.

<https://dotnet.microsoft.com/en-us/download/dotnet/6.0> This is the link for downloading the hosted bundle.

Build apps - SDK		
SDK 6.0.415		
OS	Installers	Binaries
Linux	Package manager instructions	Arm32 Arm32 Alpine Arm64 Arm64 Alpine x64 x64 Alpine
macOS	Arm64 x64	Arm64 x64
Windows	Arm64 x64 x86 winget instructions	Arm64 x64 x86
All	dotnet-install scripts	
Included runtimes		
.NET Runtime 6.0.23		
ASP.NET Core Runtime 6.0.23		
.NET Desktop Runtime 6.0.23		
Language support		
C# 10.0		

Run apps - Runtime		
ASP.NET Core Runtime 6.0.23		
The ASP.NET Core Runtime enables you to run existing web/server applications. On Windows, we recommend installing the Hosting Bundle, which includes the .NET Runtime and IIS support.		
IIS runtime support (ASP.NET Core Module v2) 16.0.23273.23		
OS	Installers	Binaries
Linux	Package manager instructions	Arm32 Arm32 Alpine Arm64 Arm64 Alpine x64 x64 Alpine
macOS	Arm64 x64	Arm64 x64
Windows	Package manager instructions	Arm32 Arm32 Alpine Arm64 Arm64 Alpine x64 x64 Alpine
Windows	Hosting Bundle x64 x86 winget instructions	Arm64 x64 x86

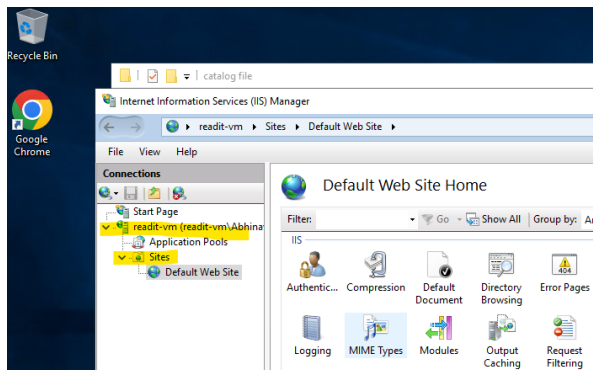
Above is the link to download the dotnet hosted bundle for the windows. Do not download the SDK or Runtime because hosted bundle helps us to to host the application as it goes with web services IIS which we downloaded in earlier section.

This PC > Windows (C:) >				
	Name	Date modified	Type	Size
access	inetpub	10/17/2023 11:02 ...	File folder	
top	Packages	10/17/2023 10:19 ...	File folder	
loads	PerfLogs	10/3/2023 8:49 PM	File folder	
ments	Program Files	10/17/2023 11:35 ...	File folder	
res	Program Files (x86)	10/17/2023 11:35 ...	File folder	
C	Users	10/17/2023 10:26 ...	File folder	
	Windows	10/17/2023 11:02 ...	File folder	
rk	WindowsAzure	10/17/2023 10:21 ...	File folder	
	catalog file	10/17/2023 11:38 ...	File folder	

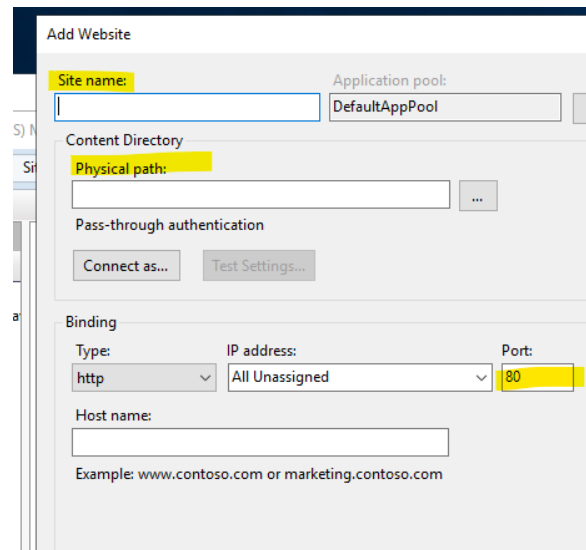
Created the catalog folder to the C drive. Now we will copy the publish folder items to the catalog folder which we have created on our VM. There is a way to do that. First we need to click on the maximize button of the VM in such a way that the VM window will look small in size and we will also be able to see our original screen.

Copy the files normally as we do it with any of the other files.

Now we need to tell the server that this is the web app. So go to the IIS web services and there we will be giving the website name and port number and the path of the copied catalog path. First go to the start bar and then search for IIS.

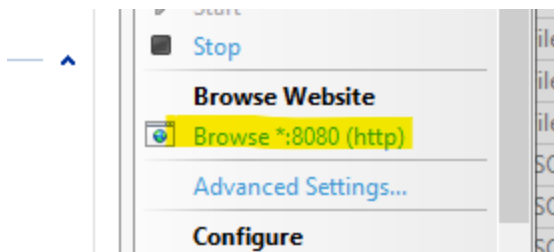


go to the IIS web services and then right click on the site option and then there will be a option of add the website in the menu.

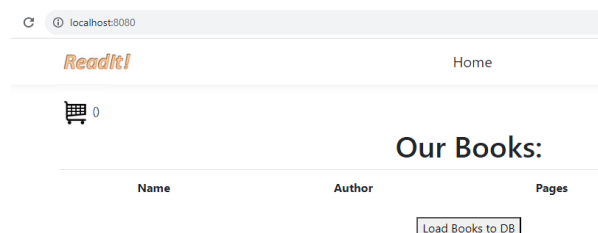


Add the site name and then the physical path of the folder where we have saved the application in the server and that is in C drive catalog folder and also change the port to 8080 and hit OK.

Going forward we can see the browse button on the left side of the screen on the IIS web services.



And after clicking on this we can see that we have successfully hosted the application on the sever local host.



The app is now showing in the server local host.

Here we have successfully hosted the application on the server and we will see it in networking section that how can we make this app available to the other users from public internet accessible.