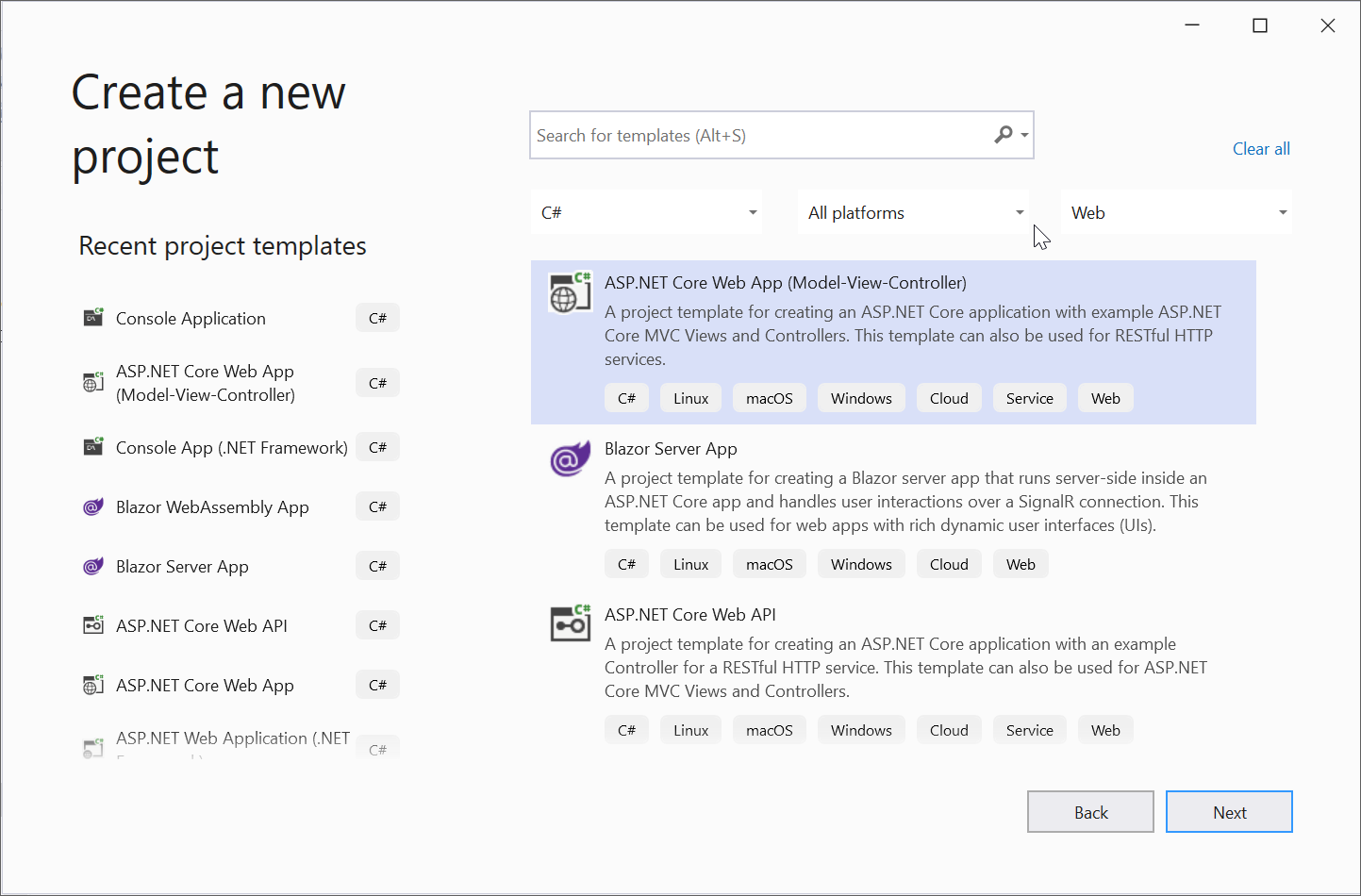
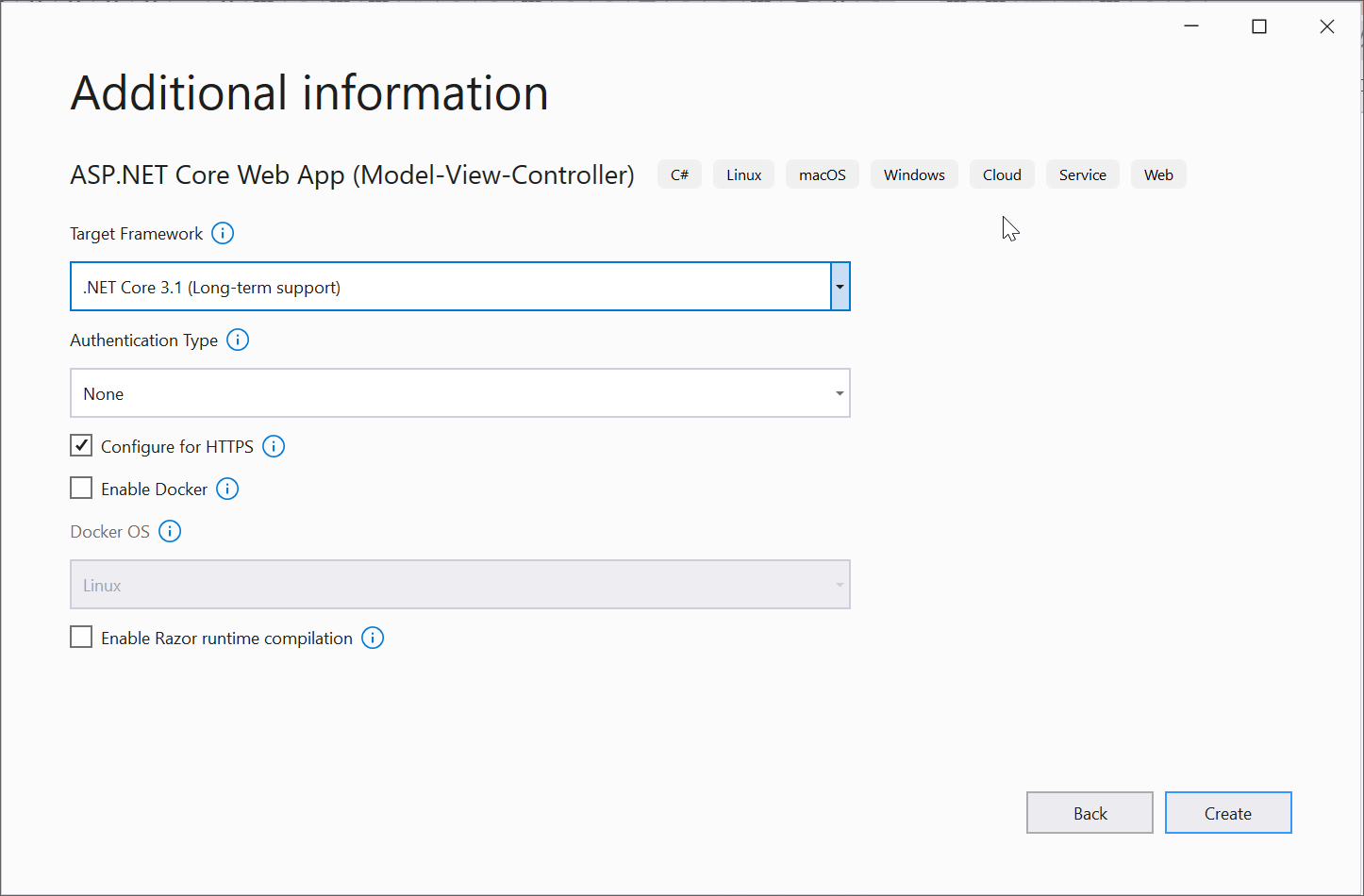
**How to convert HTML to PDF in Azure App using .NET Core**

The Syncfusion® [HTML to PDF converter](https://www.syncfusion.com/document-processing/pdf-framework/net/html-to-pdf) is a [**.NET PDF library**](https://www.syncfusion.com/document-processing/pdf-framework/net) for converting webpages, SVG, MHTML, and HTML to PDF using C#. It is reliable and accurate. The result preserves all graphics, images, text, fonts, and the layout of the original HTML document or webpage. Using this library, you can convert an HTML to PDF in Azure App Service on Linux.

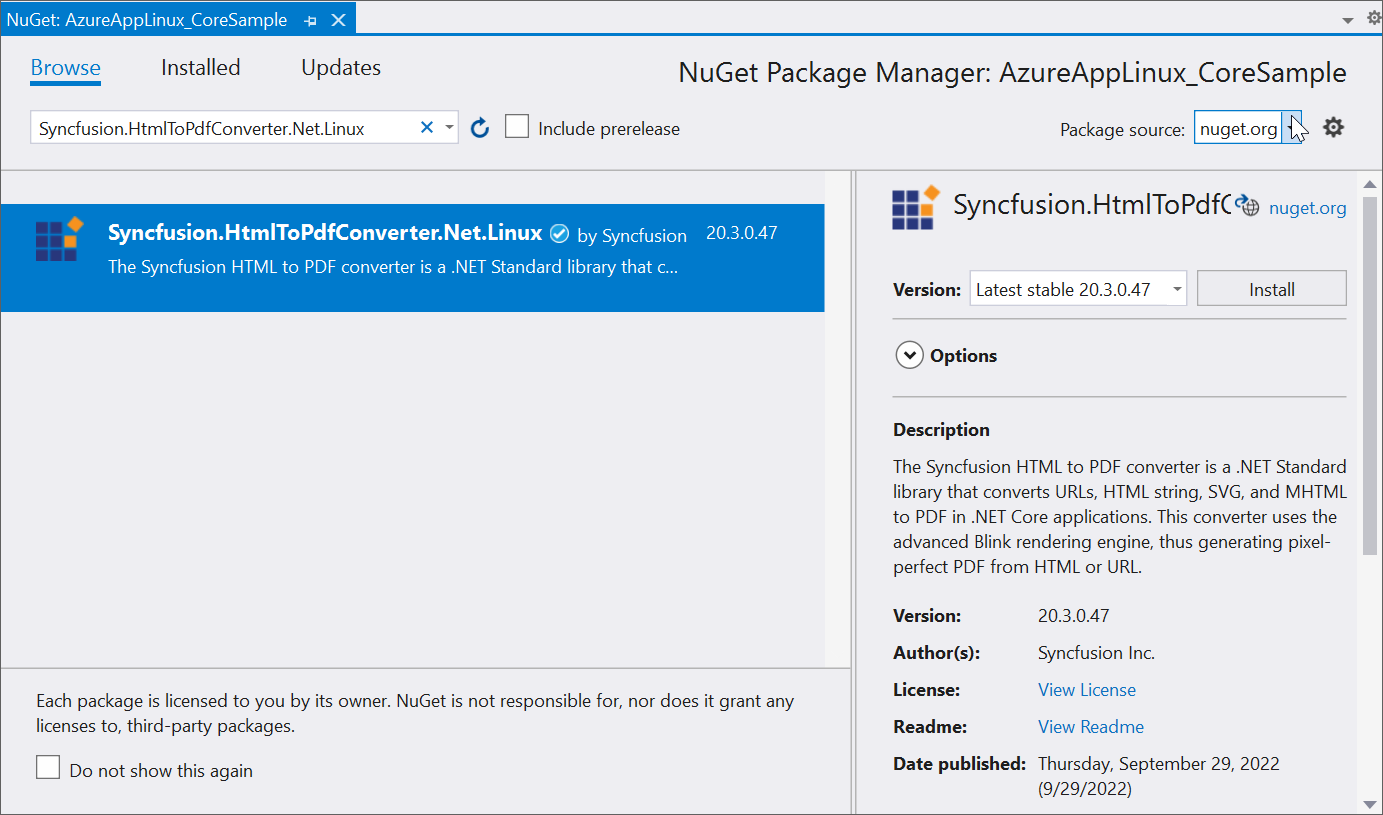
Steps to convert HTML to PDF in Azure App service on Linux:

1. Create a new ASP.NET Core MVC application.





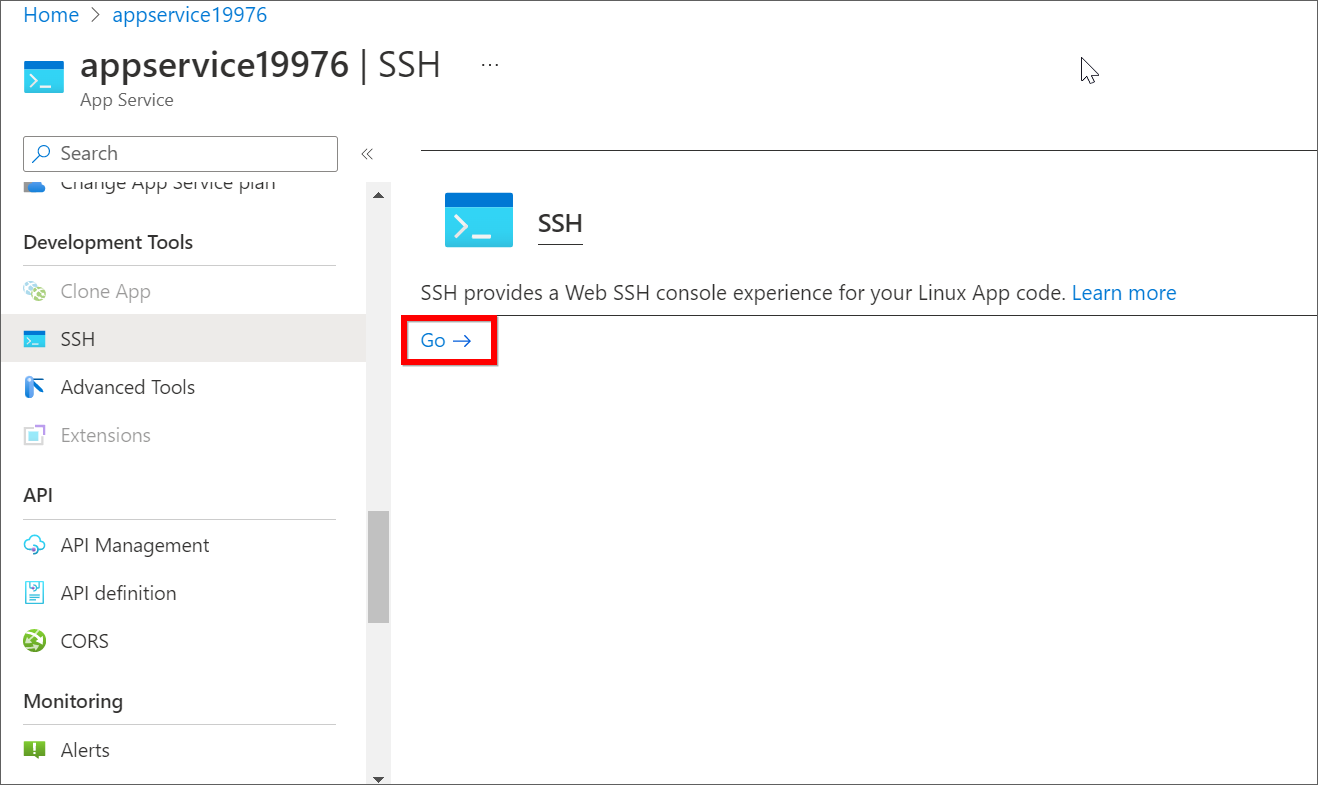
1. Install the [Syncfusion.HtmlToPdfConverter.Net.Linux](https://www.nuget.org/packages/Syncfusion.HtmlToPdfConverter.Net.Linux/" \t "_blank) NuGet package as a reference to your .NET Core application from [NuGet.org](https://www.nuget.org/).



1. There are two ways to install the dependency packages to Azure server:
2. Using SSH from Azure portal.
3. By running the commands from C#.

**3.1Using SSH command line:**

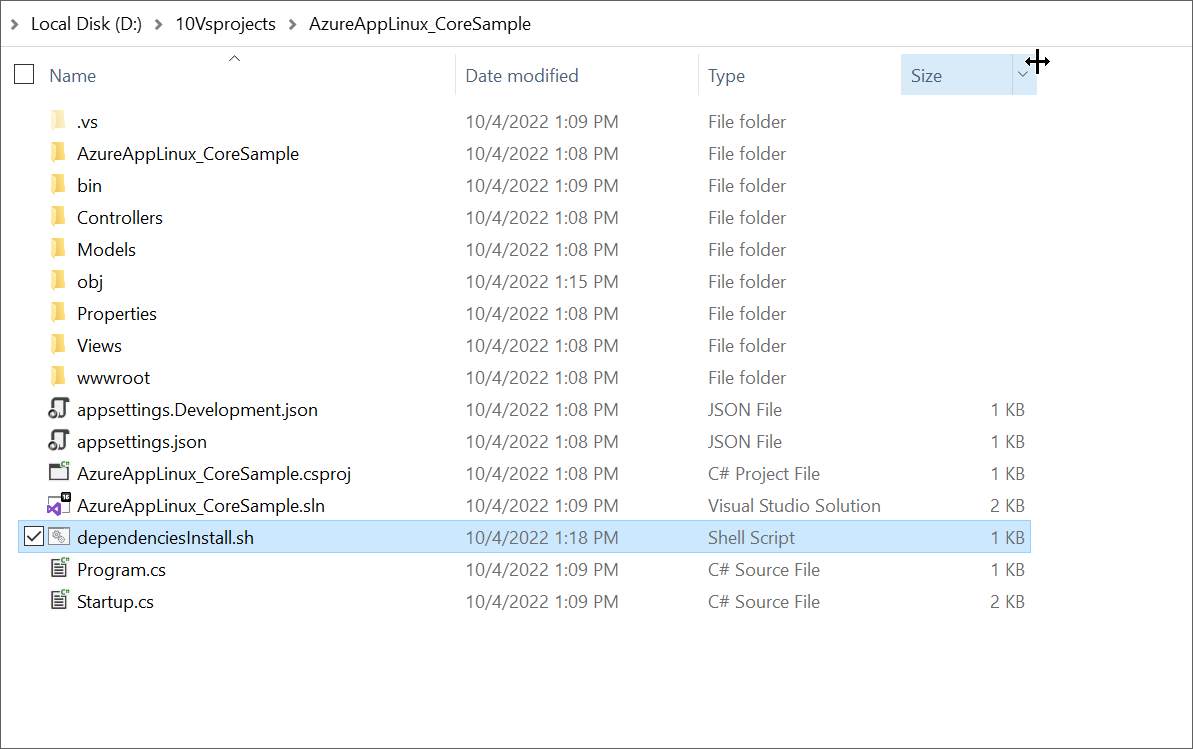
1. After publishing the Web application, login to the Azure portal in a web interface and open the published app service.
2. Under **Development Tools** Menu, Open the SSH and Click the go link.



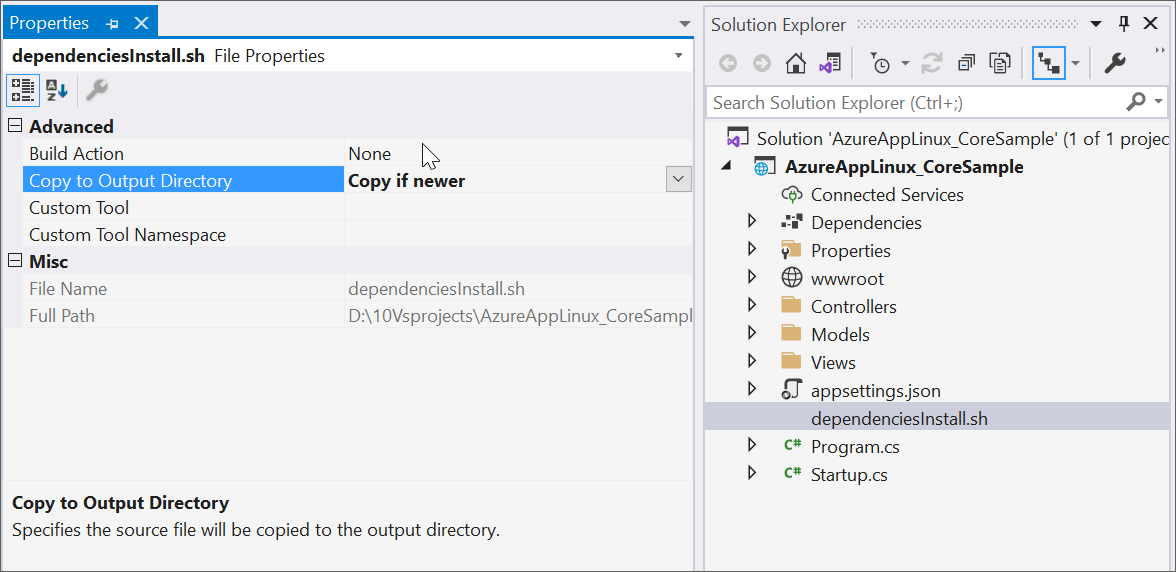
1. From the terminal window, you can install the dependency packages. Use the following single command to install all dependencies packages.
2. **apt**-get update && apt-get install -yq --no-install-recommends  libasound2 libatk1.0-0 libc6 libcairo2 libcups2 libdbus-1-3 libexpat1 libfontconfig1 libgcc1 libgconf-2-4 libgdk-pixbuf2.0-0 libglib2.0-0 libgtk-3-0 libnspr4 libpango-1.0-0 libpangocairo-1.0-0 libstdc++6 libx11-6 libx11-xcb1 libxcb1 libxcursor1 libxdamage1 libxext6 libxfixes3 libxi6 libxrandr2 libxrender1 libxss1 libxtst6 libnss3 libgbm1

**3.2Running the commands from C#**

1. Create a shell file with the above commands in the project and name it as **dependenciesInstall.sh.** In this article, these steps have been followed to install dependencies packages.



1. Set Copy to output directory as **Copy if newer** to the **dependenciesInstall.sh**file.



1. Include the following code snippet to install the dependencies code in Configure method in startup.cs file.
2. //Install the dependencies packages **for** HTML **to** PDF **conversion** **in** Linux
3. string shellFilePath = **System**.IO.Path.Combine(env.ContentRootPath, "dependenciesInstall.sh");
4. InstallDependecies(shellFilePath);

// [C# Code]

**private** void **InstallDependecies**(string shellFilePath)

{

      Process process = **new** Process

      {

            StartInfo = **new** ProcessStartInfo

            {

                  FileName = "/bin/bash",

                  Arguments = "-c " + shellFilePath,

                  CreateNoWindow = true,

                  UseShellExecute = false,

             }

      };

      process.Start();

      process.WaitForExit();

}

1. Add an Export To PDF button in index.cshtml.
2. @{ Html.BeginForm("ExportToPDF", "Home", FormMethod.Post);
3. {
4. <input type="submit" value="Export To PDF" **class**=" btn" />
5. }
6. }

1. Include the following namespaces and code snippet in controller for converting HTML to PDF.
2. // [C# Code]
3. **using** Syncfusion.HtmlConverter;
4. **using** Syncfusion.Pdf;
5. **using** **System**.IO;

// [C# Code]

//To Export HTML to PDF

public IActionResult ExportToPDF()

{

Environment.SetEnvironmentVariable("ASPNETCORE\_ENVIRONMENT", "Development");

//Initialize HTML to PDF converter

HtmlToPdfConverter htmlConverter = **new** HtmlToPdfConverter();

BlinkConverterSettings settings = **new** BlinkConverterSettings();

//Set command line arguments to run without sandbox.

settings.CommandLineArguments.Add("--no-sandbox");

settings.CommandLineArguments.Add("--disable-setuid-sandbox");

//Assign Blink Converter settings to the HTML converter

htmlConverter.ConverterSettings = settings;

//Convert HTML string to PDF

PdfDocument document = htmlConverter.Convert("http://www.syncfusion.com");

//Save the document into stream

MemoryStream stream = **new** MemoryStream();

document.Save(stream);

stream.Position = 0;

//Close the document

document.Close(true);

//Defining the ContentType for pdf file

string contentType = "application/pdf";

//Define the file name

string fileName = "Output.pdf";

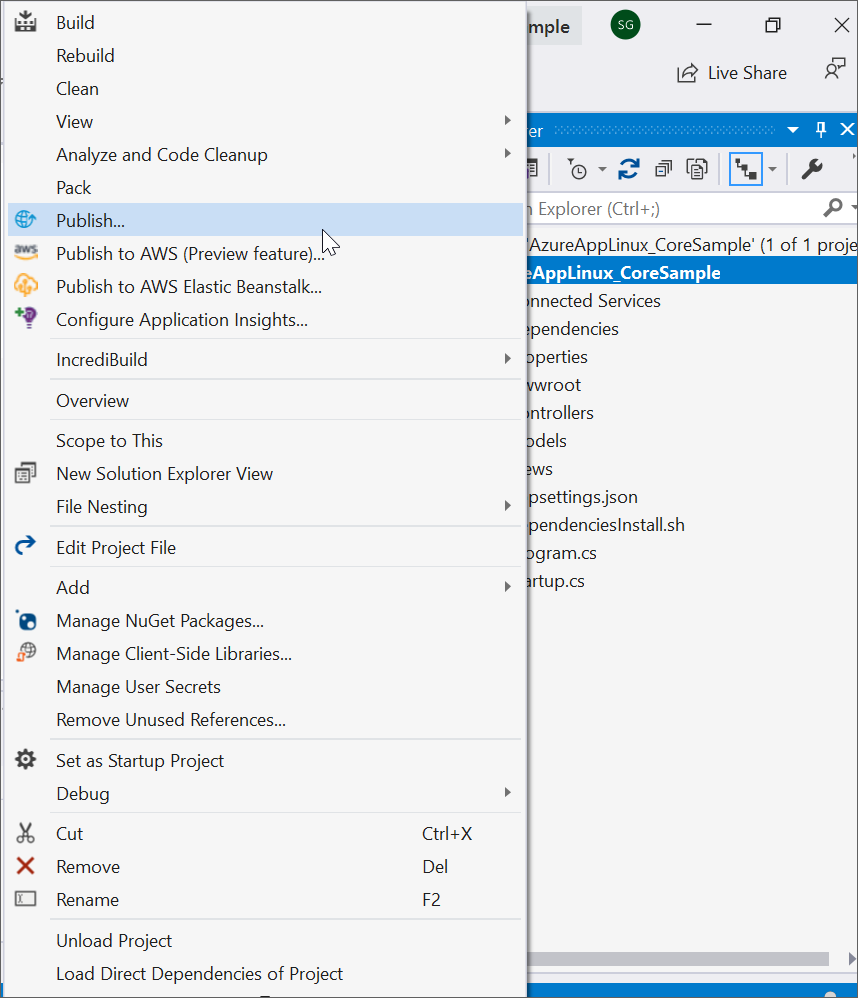
//Creates a FileContentResult object by using the file contents, content type, and file name

return File(stream, contentType, fileName);

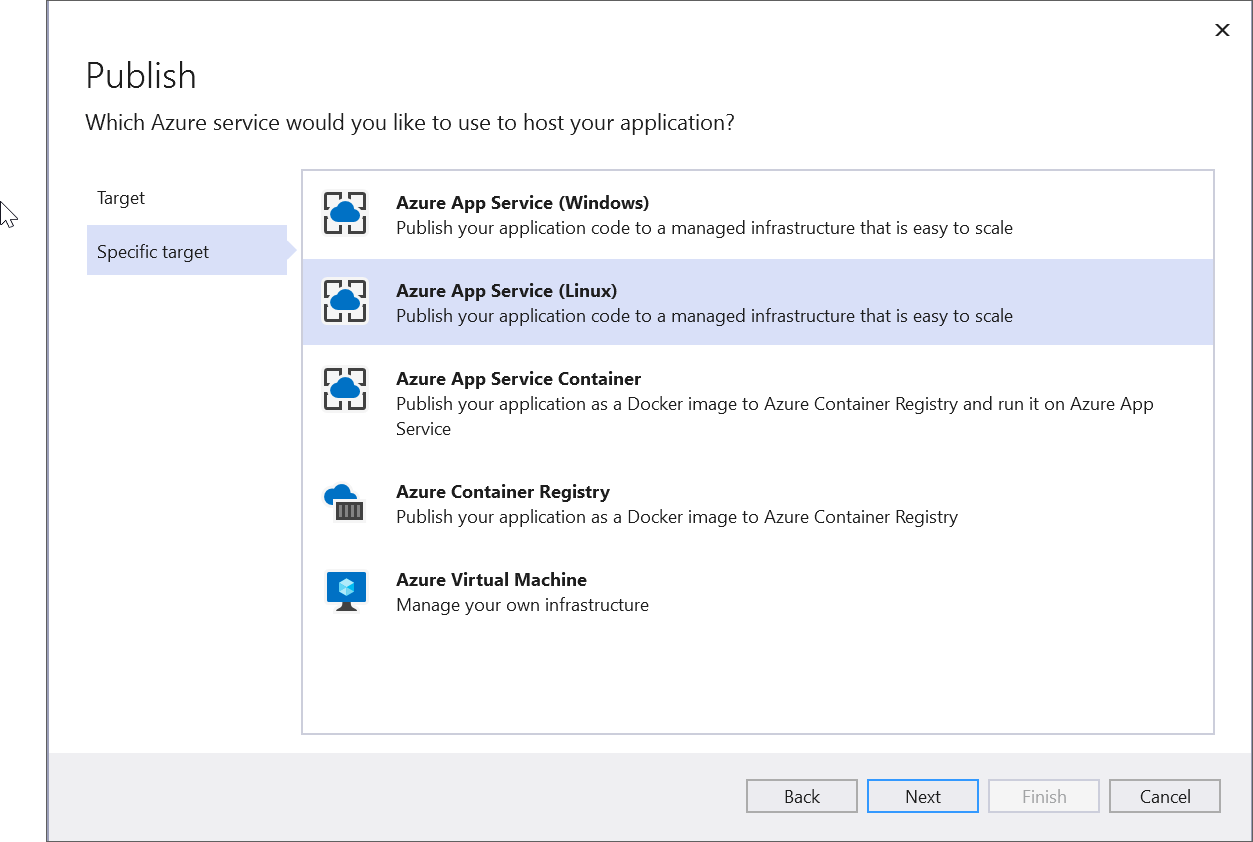
}

**Refer to the following steps to publish as Azure App Linux:**

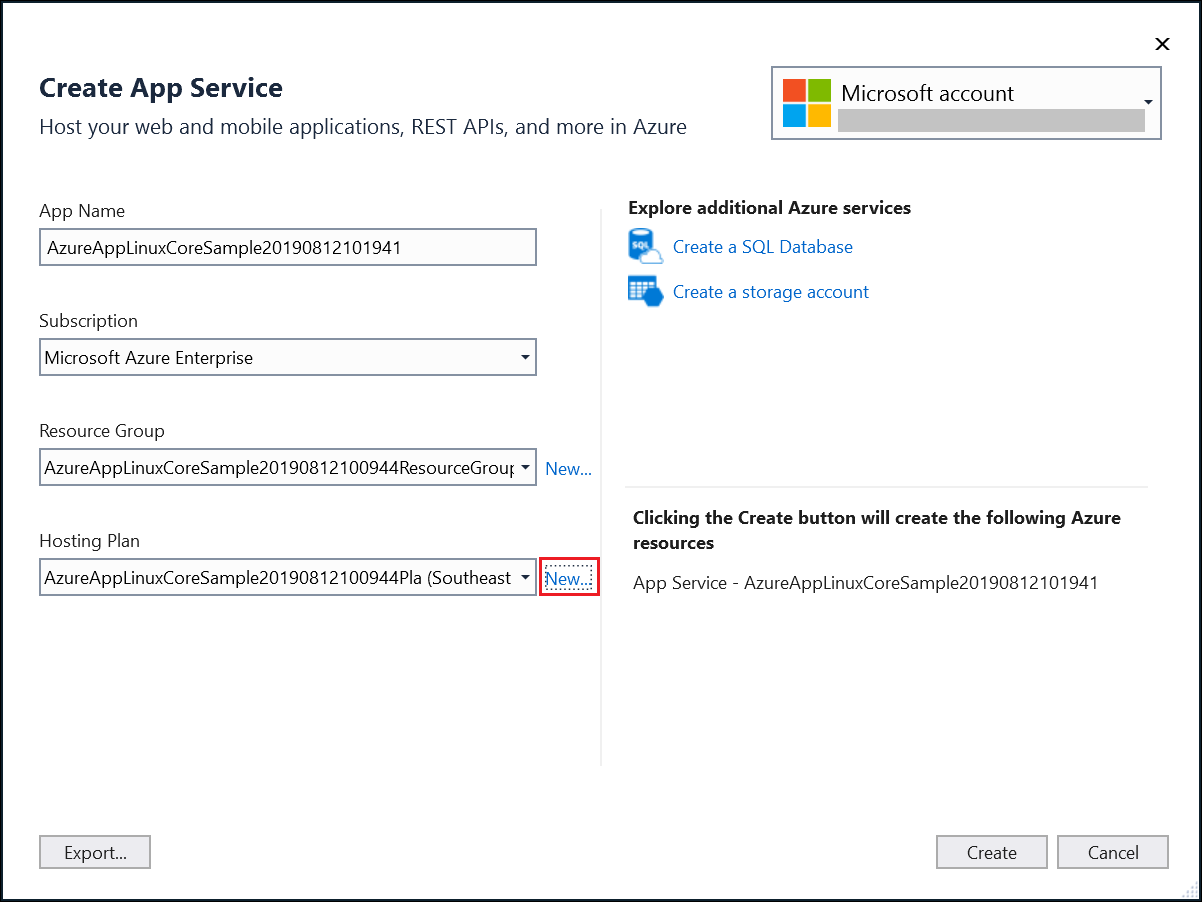
1. Right-click the project and select **Publish.**



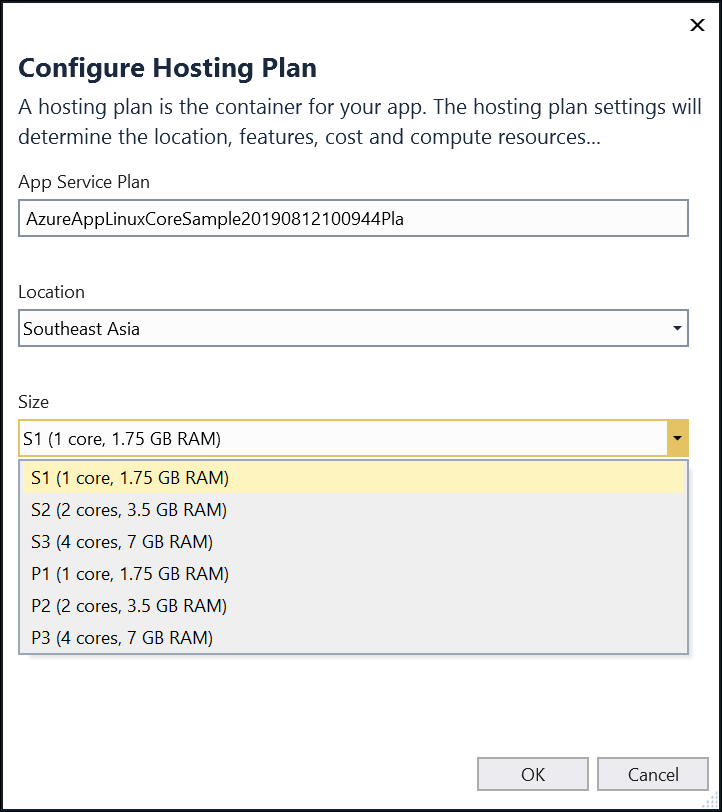
1. Create a new profile in publish target window.



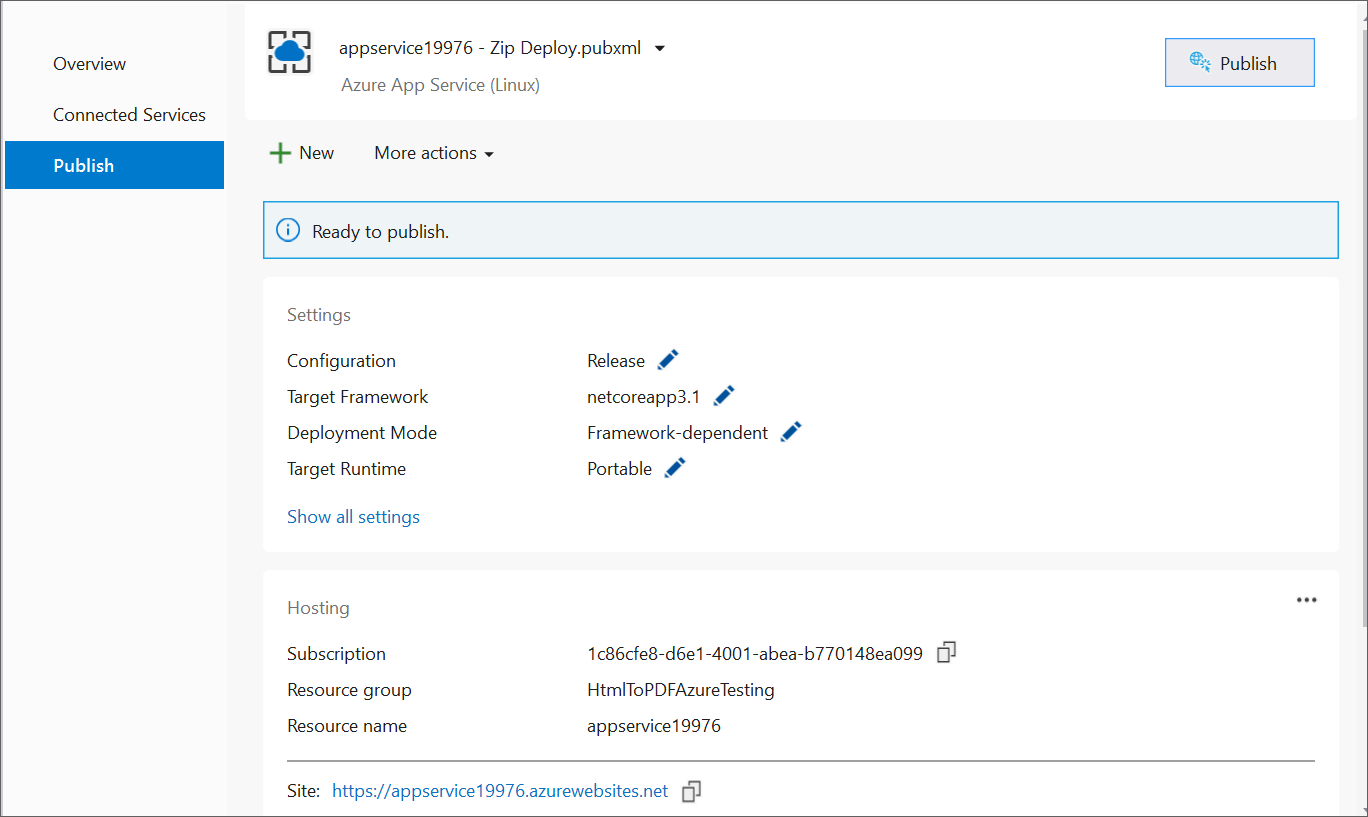
1. Create App service using Azure subscription and select a hosting plan.



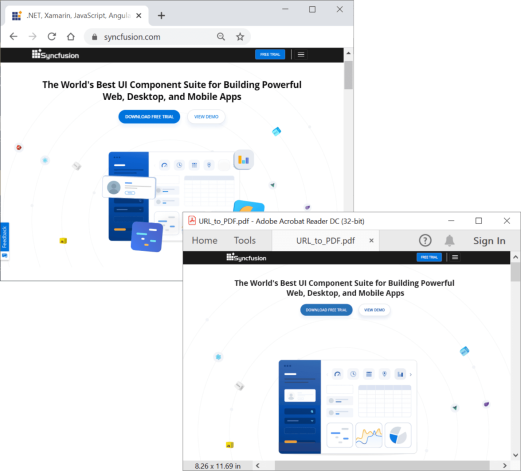
1. HTML to PDF conversion works from basic hosting plan (B1 to P3). So, select the hosting plan as required. HTML to PDF conversion will not work if the hosting plan is Free/Shared.



1. After creating a profile, click the publish button.



1. Now, the published webpage will open in the browser. Click **Export to PDF** to convert the Syncfusion® webpage to a PDF.



A complete work sample for converting an HTML to PDF in Azure App service on Linux can be downloaded from [AzureAppLinux\_CoreSample.zip](https://www.syncfusion.com/downloads/support/directtrac/general/ze/AzureAppLinux_CoreSample-2144256654).

Take a moment to peruse the [documentation](https://help.syncfusion.com/file-formats/pdf/converting-html-to-pdf), where you can find converting HTML pages to PDF document along with respective customization options and features.

Click [here](https://www.syncfusion.com/pdf-framework/net/html-to-pdf) to explore the rich set of Syncfusion Essential® PDF features.

​An online sample link to [convert HTML to PDF](https://mvc.syncfusion.com/demos/web/pdf/htmltopdf).

[**HTML to PDF conversion in Linux docker container**](https://support.syncfusion.com/kb/article/7651/how-to-convert-html-to-pdf-in-linux-docker-container)

[HTML to PDF conversion in Azure Function](https://support.syncfusion.com/kb/article/8975/how-to-convert-html-to-pdf-in-azure-functions-4-0)

[**HTML to PDF conversion in ASP .Net Core Linux**](https://support.syncfusion.com/kb/article/7554/how-to-convert-html-to-pdf-in-asp-net-core-linux)

[HTML to PDF conversion in Azure App Service](https://support.syncfusion.com/kb/article/8620/how-to-convert-html-to-pdf-in-azure-using-net-core)

**Conclusion**

I hope you enjoyed learning about how to HTML to PDF in Azure app using ASP.NET Core.

You can refer to our [**ASP.NET Core PDF feature tour**](https://www.syncfusion.com/document-processing/pdf-framework/net) page to know about its other groundbreaking feature representations [**documentation**](https://help.syncfusion.com/file-formats/pdf/overview)  
  
and how to quickly get started for configuration specifications.  You can also explore our [**ASP.NET Core PDF example**](https://www.syncfusion.com/demos/fileformats/pdf-library)  
to understand how to create and manipulate data.

For current customers, you can check out our components from the [**License and Downloads**](https://www.syncfusion.com/sales/teamlicense) page. If you are new to Syncfusion®, you can try our 30-day [**free trial**](https://www.syncfusion.com/downloads/fileformats/confirm) to check out our other controls.

If you have any queries or require clarifications, please let us know in the comments section below. You can also contact us through our [**support forums**](https://www.syncfusion.com/forums/), [**Direct-Trac**](https://support.syncfusion.com/create), or [**feedback portal**](https://www.syncfusion.com/feedback/javascript?control=pivot-table). We are always happy to assist you!