# Preparation

The document DB Adventure Works demo is hosted in an Azure website. The demo utilizes various storage technologies as part of mimicking a polyglot online retail store.

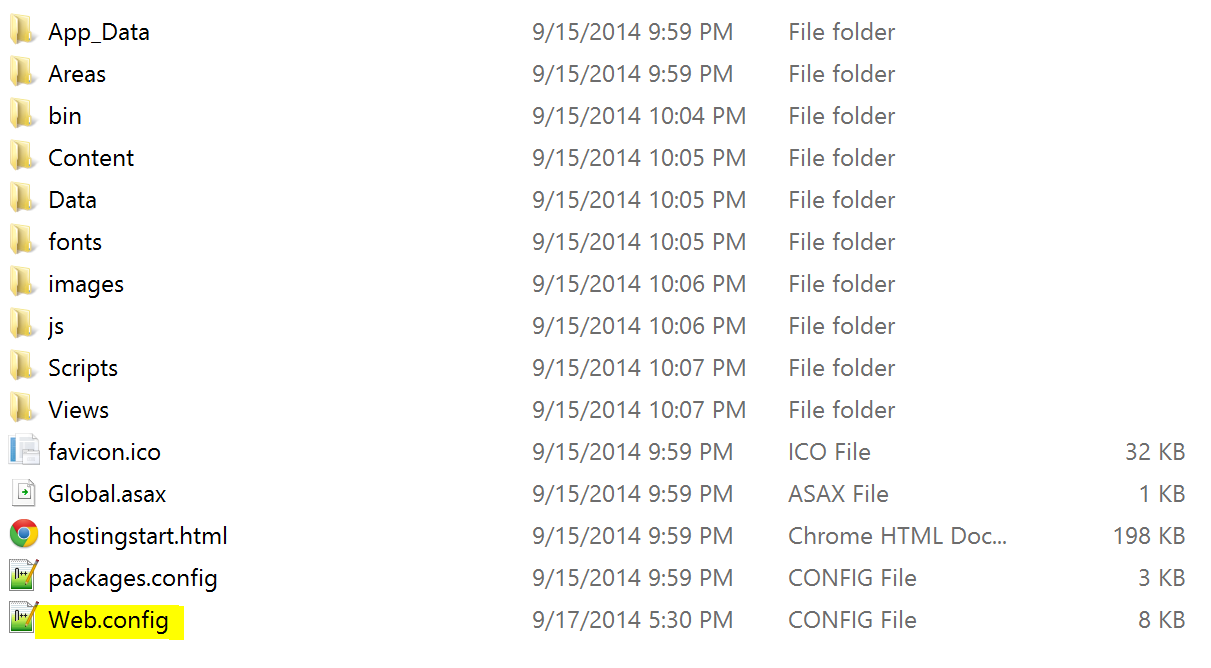
There are various storage pieces which need provisioning prior to deploying the application to an Azure website. During the provisioning you will need to update the config file so that once deployed the Azure website will understand the storage accounts which are used.

Note: Host all the services, Document DB, Search, Azure SQL Database, Storage, Website in the **same region.** *We are in process of updating this demo/HOL and hence you may see old portal’s reference at times.*

## Pre steps

You will have been provided with a zip file as part of this deployment.

Extract this zip file into a temporary folder, the contents of the zip file should look like this



As you are provisioning the various storage accounts below make the appropriate edits into the highlighted web.config file.

## Document Database

Add a document db into your subscription with the below attributes

*Pricing Tier: Standard*

*Optional Configuration: 2 Capacity Units*

Update the section in the web.config as below

<setting name="DocumentDbUri" serializeAs="String">

<value>https://!!!!!!!!!!!.documents.azure.com:443</value>

</setting>

<setting name="DocumentDbAuthKey" serializeAs="String">

<value>&&&&&&&&&&&&&</value>

</setting>

Key

!!!!!!!!!!! Replace with the DocDb tenant name entered in the portal

&&&&&&&&&&&&& Replace with the access key from the portal

## Azure Search Service

Add a search service into your subscription with the below attributes

*Pricing Tier: Free*

Update the section in the web.config as below

<setting name="SearchServiceUrl" serializeAs="String">

<value>https://\*\*\*\*\*\*\*\*\*\*\*\*.search.windows.net/indexes</value>

</setting>

<setting name="SearchApiKey" serializeAs="String">

<value>!!!!!!!!!!!!!!!!</value>

</setting>

Key

\*\*\*\*\*\*\*\*\*\*\*\* Replace with the Search service tenant name entered in the portal

!!!!!!!!!!!!!!!! Replace with the access key from the portal

## Azure Storage

Add a standard storage account into your subscription

Update the section in the web.config below with the account name and account key.

<setting name="AzureTableBlobConnectionString" serializeAs="String">

<value>DefaultEndpointsProtocol=https;AccountName=#########; AccountKey=\*\*\*\*\*</value>

</setting>

<add name="MSCorp.AdventureWorks.Web.Properties.Settings.AzureImageBlobConnectionString" connectionString="DefaultEndpointsProtocol=https;AccountName=#########;AccountKey=\*\*\*\*\*" />

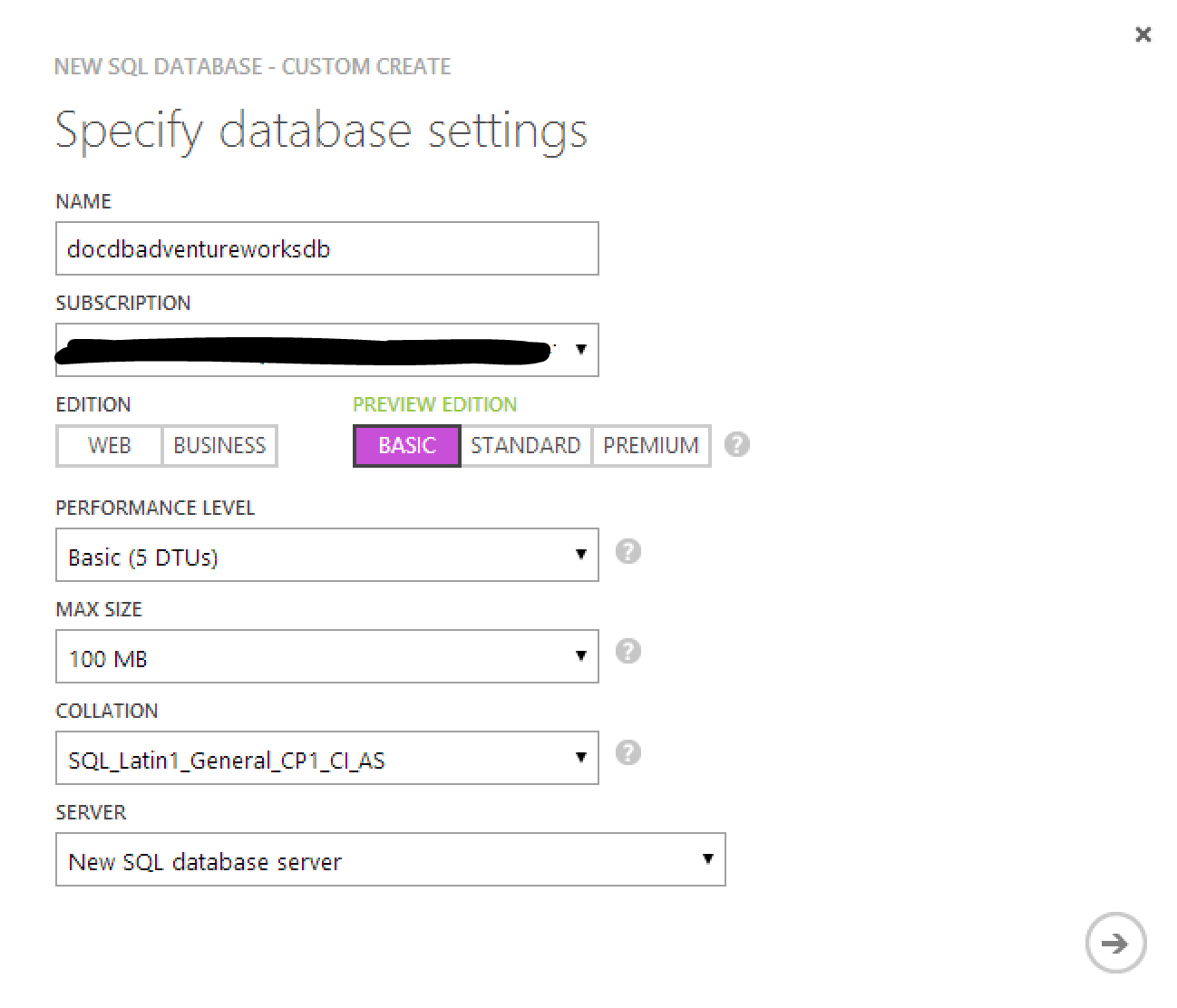
Key

######### Replace with the storage account name (x2 places)

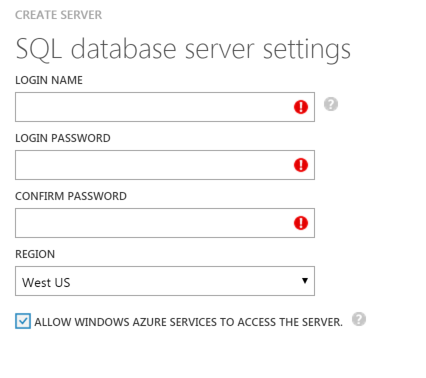
\*\*\*\*\* Replace with the storage account key (x2 places)

## Azure SQL

Add a Basic Azure SQL database into your subscription with the following details



Once clicking next on the initial screen you will be prompted to define a server that the database is to reside on. Record the Login name and password you enter.



Update the section in the web.config below with the connection string.

<add name="MSCorp.AdventureWorks.Web.Properties.Settings.OrderDatabaseConnectionString" connectionString="Server=tcp:########.database.windows.net,1433;Database=docdbadventureworksdb;User ID=&&&&&&&&&&@#######;Password=\*\*\*\*\*\*\*\*;Trusted\_Connection=False;Encrypt=True;Connection Timeout=30;" />

Key

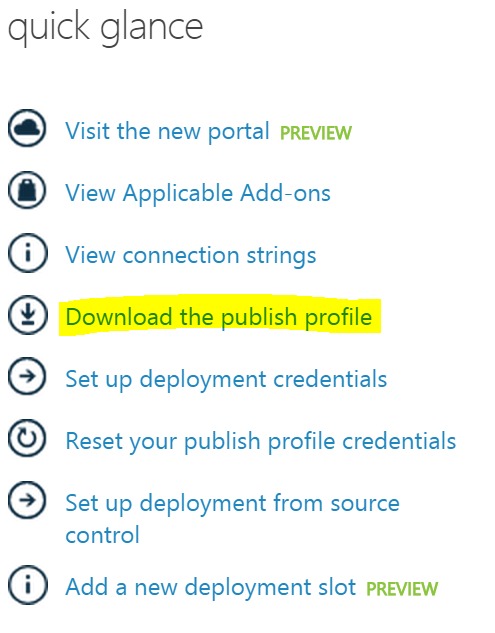
########: Replace with the related server name -x2 (Found in the portal after database creation)

&&&&&&&&&&: Replace with the user name defined during server configuration

\*\*\*\*\*\*\*: Replace with the related password defined during server configuration

## Azure Website

1. Provision the azure website using Azure management portal
2. Login to the portal and download the publish profile



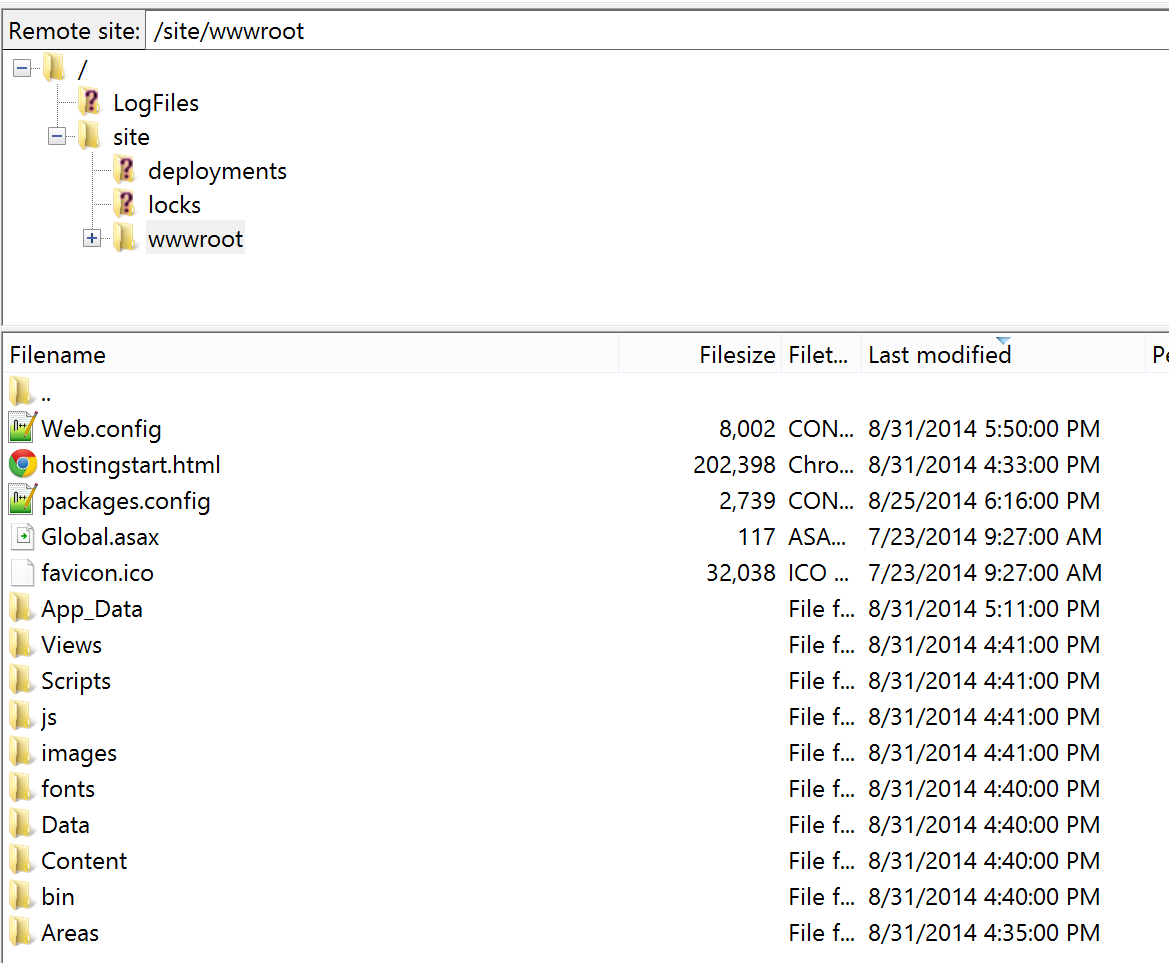
1. Open up the publish profile in your text editor of choice, pull out the following fields

publishUrl: E.g. ftp://waws-prod-bay-011.ftp.azurewebsites.windows.net/site/wwwroot

username: E.g. myazurewebsite\$myazurewebsite

userPWD: E.g. 4ux67JtNpDYKBGuHkr80aSCC0kRnAYtPzto1HspZG8ntNPaZfiop47ZMljKa

1. Login to your FTP application of choice with the credentials from the settings above
2. Upload the contents of the temporary folder into to the ftp site into the **/site/wwwroot** folder



1. Navigate to your azure website to the location /demosetup

E.g. myazurewebsite.azurewebsites.net/demosetup

1. Click Auto populate data, this will setup and populate all the storage accounts setup above



Note: If you want to reset the account back to the default state you can come in and click autocomplete data again.