Demo: Create ARM templates by using Visual Studio Code

In this Demo you will learn how to use Visual Studio Code, and the Azure Resource Manager Tools extension, to create and edit Azure Resource Manager templates. You can create Resource Manager templates in Visual Studio

Code without the constitution of the constitut It's often easier, and better, to begin building your ARM template based off one of the existing Quickstart templates

- Resource Manager Tools extension.

Follow these steps to install the Resource Manager Tools extension:

- 1. Open Visual Studio Code.
- 2. Press CTRL+SHIFT+X to open the Extensions pane.
- Search for Azure Resource Manager Tools, and then select Install.
- 4. Select Reload to finish the extension installation.

Open the Quickstart template

- 1. From Visual Studio Code, select File > Open File.
- 2. In **File name**, paste the following URL:

```
https://raw.githubusercontent.com/Azure/azure-quickstart-templates/master/101-std
```

- 3. Select **Open** to open the file.
- 4. Select **File > Save As** to save the file as *azuredeploy.json* to your local computer.

Edit the template

Add one more element into the outputs section to show the storage URI.

1. Add one more output to the exported template:

```
"storageUri": {
    "type": "string",
    "value": "[reference(variables('storageAccountName')).primaryEndpoints.blob]"
},
```

When you are done, the outputs section looks like:

```
"outputs": {
   "storageAccountName": {
```

```
"type": "string",
        "value": "[variables('storageAccountName')]"
    },
    "storageUri": {
        "type": "string",
        "value": "[reference(variables('storageAccountName')).primaryEndpoints.blob]"
    }
}
```

If you copied and pasted the code inside Visual Studio Code, try to retype the value element to experience the IntelliSense capability of the Resource Manager Tools extension.

```
outputs": {
       "storageAccountName": {
         "type": "string",
         "value": "[variables('storageAccountName')]"
       "storageUri": {
         "type": "string",
         "value": "[re
                        🕅 reference (function) reference(resourceName/reso. 🕕

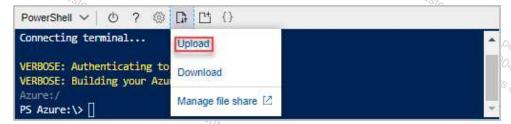
    ↑ replace

                        resourceId
2. Select File>Save to save the file, Silly Vanegas.
                                                                  ermitidas las copias sin autorización.
```

Deploy the template

There are many methods for deploying templates, you will be using the Azure Cloud shell.

- 1. Sign in to the Azure Cloud shell
- 2. Choose the PowerShell environment on the upper left corner. Restarting the shell is required when you switch.
- 3. Select Upload/download files, and then select Upload.

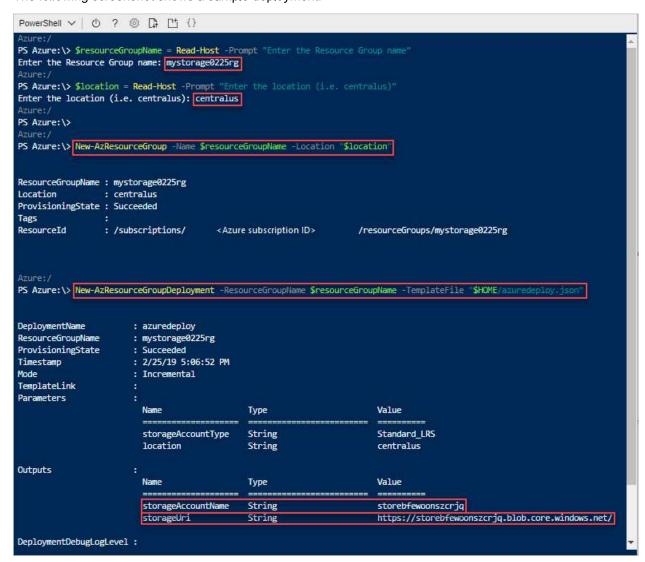


Select the file you saved in the previous section. The default name is azuredeploy.json. The template file must be accessible from the shell. You can use the Is command and the cat command to verify the file was uploaded successfully.

4. From the Cloud shell, run the following commands.

```
$resourceGroupName = Read-Host -Prompt "Enter the Resource Group name"
$location = Read-Host -Prompt "Enter the location (i.e. centralus)"
New-AzResourceGroup -Name $resourceGroupName -Location "$location"
New-AzResourceGroupDeployment -ResourceGroupName | resourceGroupName -TemplateFile "$HOME/8
```

Update the template file name if you save the file to a name other than azuredeploy.json. The following screenshot shows a sample deployment:



The storage account name and the storage URL in the outputs section are highlighted on the screenshot.

Clean up resources

When the Azure resources are no longer needed, clean up the resources you deployed by deleting the resource Permitidas las copias sin autorización. roe Ilyyb2004@amail.com 3Pic Tomos Voca Contraction Contraction autorización. dr. Ilyyb2004@gmail.com ertenece a Billy Vanegas. group. No están permitidas las copias sin autorización No están permitidas las copias sin autorización