

PowerShell script to facilitate the deployment of linked ARM templates including 4mb limit

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This [PowerShell script](#) will deploy a linked ARM template with minimal user effort. This can be customized to re-use existing resource groups, storage accounts etc if required but by default, it will create everything from scratch.

Explanation

1. Given the local path to an ARM linked template folder and associated ArmTemplate_master.json file:
 - a. Open the file
 - b. Replace the default ADF instance name
2. Prompt the user for credentials to authenticate against a valid Azure Subscription
3. Create a new resource group to keep all of the deployed components together, this makes it easier to clean-up afterwards
4. Create an empty ADF instance
5. Create a storage account
6. Create a container
7. Upload the ArmTemplate_nn.json files from the local linked templates folder to the storage account container
8. Generate the container URI and SAS token
9. Deploy the template
10. If necessary, clean up. This step is used if new resources were created and then not needed to use later.

Instructions

1. Open the PowerShell script
2. Alter the parameters defined in line 1 – 12

```
$templateFolder = Local path to the linked template folder e.g. "C:\ARMTemplateName\linkedTemplates\  
$templateFile = $templateFolder+"ArmTemplate_master.json" -- Shouldn't need to change this  
$resourceGroupName = Name of the new RG to be created  
$resourceRegion = What region to deploy into  
$previousADFName = Name of original ADF which was used to create the ARM template  
$ADFName = Name of empty ADF instance to be created, this needs to be globally unique  
$storageAccountName = Name of blob store to create, must be lowercase and globally unique  
$containerName = Name of container to create, must be lowercase  
$searchString  
$replacementString
```



3. Run

Download script: [LinkedTemplateDeployPlain.txt](#)

How good have you found this content?



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