This lab will guide you through troubleshooting a variety of template deployment failures that you may encounter in the real world.

The templates have already been written and need to be carefully reviewed to determine what is causing their deployment failure. There are hidden hint boxes that can be revealed along with an error-free version of the templates.

Remember that each Azure resource is typically deployed in its own operation and therefore can be a very useful method for troubleshooting. To see each operation’s request & response (for helping determine which area of the template is erroring out) use the following example:

1. The deployment must use the flag “-DeploymentDebugLogLevel All”
   1. Example:
   2. New-AzResourceGroupDeployment -Name PIP -ResourceGroupName Net -TemplateFile ".\pip.json" -PIPCount 10 -Verbose -DeploymentDebugLogLevel All
2. Pull back each operation by referencing the original deployment’s name
   1. Example:

$operations = Get-AzResourceGroupDeploymentOperation -DeploymentName PIP -ResourceGroupName Net

foreach($operation in $operations)

{

Write-Host $operation.id

Write-Host "Request:"

$operation.Properties.Request | ConvertTo-Json -Depth 10

Write-Host "Response:"

$operation.Properties.Response | ConvertTo-Json -Depth 10

}