

MI Link Useful Scripts: Join to DAG From MI

Last updated by | Vitor Tomaz | Nov 16, 2022 at 5:43 AM PST

```
# Enter your Azure Subscription ID
$SubscriptionID = "e1894bb1-be22-48b5-aa74-63f0c54be028"
# Enter your Managed Instance name
$ManagedInstanceName = "chimera-prod-gp-05eu"
# Enter AG name that was created on the SQL Server
$AGName = "SanjaM_AG"
# Enter DAG name that was created on SQL Server
$DAGName = "SanjaM_DAG"
# Enter database name that was placed in AG for replciation
$DatabaseName = "SanjaM_Test"
# Enter SQL Server IP
$SQLServerIP = "10.0.1.32"

# =====
# INVOKING THE API CALL -- THIS PART IS NOT USER CONFIGURABLE
# =====
# Login to subscription
echo "Logging to Azure subscription"
Login-AzAccount
Select-AzSubscription -SubscriptionName $SubscriptionID
# -----
# Build URI for the API call
# -----
echo "Building API URI"
$miRG = (Get-AzSqlInstance -InstanceName $ManagedInstanceName).ResourceGroupName
$uriFull = "https://management.azure.com/subscriptions/" + $SubscriptionID + "/resourceGroups/" + $miRG + "/pro
echo $uriFull
# -----
# Build API request body
# -----
echo "Building API request body"
$bodyFull = @"
{
  "properties":{
    "TargetDatabase":"$DatabaseName",
    "SourceEndpoint":"TCP://$SQLServerIP:5022",
    "PrimaryAvailabilityGroupName":"$AGName",
    "SecondaryAvailabilityGroupName":"$ManagedInstanceName",
  }
}
"@
echo $bodyFull

# -----
# Get auth token and build the header
# -----
$azProfile = [Microsoft.Azure.Commands.Common.Authentication.Abstractions.AzureRmProfileProvider]::Instance.Pr
$currentAzureContext = Get-AzContext
$profileClient = New-Object Microsoft.Azure.Commands.ResourceManager.Common.RMProfileClient($azProfile)
$token = $profileClient.AcquireAccessToken($currentAzureContext.Tenant.TenantId)
$authToken = $token.AccessToken
$headers = @{}
$headers.Add("Authorization", "Bearer "+$authToken)

# -----
# Invoke API call
# -----
echo "Invoking API call for Managed Instance to join DAG created on SQL Server."
$response = Invoke-WebRequest -Method PUT -Headers $headers -Uri $uriFull -ContentType "application/json" -Bod
echo $response.RawContent
```

How good have you found this content?

