

MI Link Get operation status and Cancel stuck operation

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

```
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" -Body $body
echo $response.RawContent
```

```
HTTP/1.1 202 Accepted
Cache-Control: no-cache
Pragma: no-cache
Location: https://management.azure.com/subscriptions/SubscriptionIDNeeded/resourceGroups/DaniRG/providers/Microsoft.Sql/locations/northeurope/distributedAvailabilityGroupsAzureAsyncOperation/2a65a145-9e0c-4a98-be53-1bdf9752114?api-version=2021-05-01-preview
Retry-After: 15
Azure-AsyncOperation: https://management.azure.com/subscriptions/SubscriptionIDNeeded/resourceGroups/DaniRG/providers/Microsoft.Sql/locations/northeurope/distributedAvailabilityGroupsAzureAsyncOperation/2a65a145-9e0c-4a98-be53-1bdf9752114?api-version=2021-05-01-preview
x-ms-request-id: f2f97992-0e62-42b7-a54d-c6fd0338d539
Server: Microsoft-HTTPAPI/2.0
x-ms-ratelimit-remaining-subscription-writes: 1199
x-ms-correlation-request-id: 7ee2a9b3-e2dc-4f07-8c0b-8f77b164d625
x-ms-routing-request-id: WESTEUROPE:20211026T143859Z:7ee2a9b3-e2dc-4f07-8c0b-8f77b164d625
Strict-Transport-Security: max-age=31536000; includeSubDomains
X-Content-Type-Options: nosniff
Date: Tue, 26 Oct 2021 14:38:59 GMT
Content-Length: 93
Content-Type: application/json; charset=utf-8
Expires: -1
```

```
{"operation": "DistributedAvailabilityGroupsLinkCreate", "startTime": "2021-10-26T14:38:59.81Z"}
```

Get-Operation status:

```
$uriFull = "https://management.azure.com/subscriptions/SubscriptionIDNeeded/resourceGroups/DaniRG/providers/Microsoft.Sql/locations/northeurope/distributedAvailabilityGroupsAzureAsyncOperation/2a65a145-9e0c-4a98-be53-1bdf9752114?api-version=2021-05-01-preview"
$response = Invoke-RestMethod -Method GET -Headers $headers -Uri $uriFull -ContentType "application/json"
echo $response
```

```
PS /home/sanja> $uriFull = "https://management.azure.com/subscriptions/e1894bb1-be22-48b5-aa74-63f0c54be028/resourceGroups/DaniRG/providers/Microsoft.Sql/locations/northeurope/distributedAvailabilityGroupsAzureAsyncOperation/2a65a145-9e0c-4a98-be53-1bdf9752114?api-version=2021-05-01-preview"
PS /home/sanja> $response = Invoke-RestMethod -Method GET -Headers $headers -Uri $uriFull -ContentType "application/json"
PS /home/sanja> echo $response
```

name	status	startTime
2a65a145-9e0c-4a98-be53-1bdf9752114	Succeeded	10/26/2021 2:38:59 PM

Cancel stuck operation:

```
# Enter your Azure Subscription ID
$SubscriptionID = "SubScriptiOnIDNeeded"
# Enter your Managed Instance name
$ManagedInstanceName = "chimera-prod-gp-05eu"

# =====
# 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

$cancelRequestId = $response.name
$cancelUriFull = "https://management.azure.com/subscriptions/" + $SubscriptionID + "/resourceGroups/" + $miRG+

$cancelResponse = Invoke-WebRequest -Method POST -Headers $headers -Uri $cancelUriFull -ContentType "applicati
echo $cancelResponse
```

Get Managed Instance Link:

```
# Enter your Azure Subscription ID
$SubscriptionID = "SubScriptiOnIDNeeded"
# Enter your Managed Instance name
$ManagedInstanceName = "chimera-prod-gp-05eu"
# Enter DAG name that was created on SQL Server
$DAGName = "SanjaM_DAG"
# =====
# 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
# -----
# 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 GET Managed Instance Link."
$response = Invoke-WebRequest -Method GET -Headers $headers -Uri $uriFull -ContentType "application/json"
echo $response.RawContent
```

```
PS /home/sanja> $response.RawContent
HTTP/1.1 200 OK
Cache-Control: no-cache
Pragma: no-cache
x-ms-request-id: a39e0d76-bc6f-4a11-ac6b-130d7783397a
Server: Microsoft-HTTPAPI/2.0
x-ms-ratelimit-remaining-subscription-reads: 11999
x-ms-correlation-request-id: c8e22b89-6c7d-44f9-ba78-387552da7df5
x-ms-routing-request-id: WESTEUROPE:20211027T081029Z:c8e22b89-6c7d-44f9-ba78-387552da7df5
Strict-Transport-Security: max-age=31536000; includeSubDomains
X-Content-Type-Options: nosniff
Date: Wed, 27 Oct 2021 08:10:29 GMT
Content-Length: 595
Content-Type: application/json; charset=utf-8
Expires: -1

{"properties":{"targetDatabase":"SanjaM_Test","sourceEndpoint":"TCP://10.0.1.32:5022","replicationMode":"Async","distributedAvailabilityGroupId":"a8549a9a-d114-8cc9-e2c1-fa5ce1efadd6","sourceReplicaId":"69b88113-f8d3-7746-95c9-a3e
cd7bbc79b","targetReplicaId":"80c69706-10b4-2472-8c25-e98e6d2e69d5","linkState":"Copying"},"id":"/subscriptions/e1894bb1-be22-48b5-aa74-63f8c54be028/resourceGroups/DaniRG/providers/Microsoft.Sql/managedInstances/chimera-prod-gp-05
eu/distributedAvailabilityGroups/SanjaM_DAG","name":"SanjaM_DAG","type":"Microsoft.Sql/managedInstances/distributedAvailabilityGroups"}
```

How good have you found this content?

