



Windows PowerShell Get-Help on Cmdlet 'Restore-AzApiManagement'

PS:\>Get-HELP Restore-AzApiManagement -Full

NAME

Restore-AzApiManagement

SYNOPSIS

Restores an API Management Service from the specified Azure Storage blob.

SYNTAX

```
Restore-AzApiManagement [-StorageContext]
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext> [-AccessType <System.String>]
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-IdentityClientId
    <System.String>] -Name <System.String> [-PassThru]
    -ResourceGroupName <System.String> -SourceBlobName <System.String> -SourceContainerName <System.String>
[<CommonParameters>]
```

DESCRIPTION

The Restore-AzApiManagement cmdlet restores an API Management Service from the specified backup residing in an Azure Storage blob.

PARAMETERS

-AccessType <System.String>

The type of access to be used for the storage account. The default value is AccessKey.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-IdentityClientId <System.String>

The Client ID of user assigned managed identity. Required only if accessType is set to UserAssignedManagedIdentity.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the API Management instance that will be restored with the backup.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-PassThru <System.Management.Automation.SwitchParameter>

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of resource group under which API Management exists.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-SourceBlobName <System.String>

Specifies the name of the Azure storage backup source blob.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-SourceContainerName <System.String>

Specifies the name of the Azure storage backup source container.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-StorageContext <Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>

Specifies the storage connection context.

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

INPUTS

System.String

OUTPUTS

Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagement

NOTES

----- Example 1: Restore an API Management service -----

```
New-AzStorageAccount -StorageAccountName "ContosoStorage" -Location $location -ResourceGroupName
"ContosoGroup02" -Type Standard_LRS

$storageKey = (Get-AzStorageAccountKey -ResourceGroupName "ContosoGroup02" -StorageAccountName
"ContosoStorage")[0].Value

$storageContext = New-AzStorageContext -StorageAccountName "ContosoStorage" -StorageAccountKey $storageKey

Restore-AzApiManagement -ResourceGroupName "ContosoGroup" -Name "RestoredContosoApi" -StorageContext
$storageContext -SourceContainerName "ContosoBackups"

-SourceBlobName "ContosoBackup.apimbackup"
```

This command restores an API Management service from Azure storage blob.

Example 2: Restore an API Management service using Managed Identity Credentials

```
$storageContext=New-AzStorageContext -StorageAccountName apimbackupmsi

$resourceGroupName="ContosoGroup02";

$apiManagementName="contosoapi";

$containerName="apimbackupcontainer";

$backupName="test-sdk-backup-1";

$msiClientId="a6270d0c-7d86-478b-8cbe-dc9047ba54f7"

Restore-AzApiManagement -ResourceGroupName $resourceGroupName -Name $apiManagementName

-StorageContext $storageContext -SourceContainerName $containerName

-SourceBlobName $backupName -AccessType "UserAssignedManagedIdentity" -IdentityClientId $msiClientId -PassThru
```

PublicIPAddresses : {52.143.79.150}

PrivateIPAddresses :

Id :

/subscriptions/4f5285a3-9fd7-40ad-91b1-d8fc3823983d/resourceGroups/ContosoGroup02/providers/Microsoft.ApiManagement/service/contosoapi

Name : contosoapi

Location : West US 2

Sku : Premium

Capacity : 1

CreatedTimeUtc : 10/13/2021 5:49:32 PM

ProvisioningState : Succeeded

RuntimeUrl : https://contosoapi.azure-api.net

RuntimeRegionalUrl : https://contosoapi-westus2-01.regional.azure-api.net

PortalUrl : https://contosoapi.portal.azure-api.net

DeveloperPortalUrl : https://contosoapi.developer.azure-api.net

ManagementApiUrl : https://contosoapi.management.azure-api.net

ScmUrl : https://contosoapi.scm.azure-api.net

PublisherEmail : foobar@microsoft.com

OrganizationName : fsdfsdfs

NotificationSenderEmail : apimgmt-noreply@mail.windowsazure.com

VirtualNetwork :

VpnType : None

PortalCustomHostnameConfiguration :

ProxyCustomHostnameConfiguration : {contosoapi.azure-api.net}

ManagementCustomHostnameConfiguration :

ScmCustomHostnameConfiguration :

DeveloperPortalHostnameConfiguration :

SystemCertificates :

Tags : {}

AdditionalRegions : {}

SslSetting : Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagementSslSetting

Identity : Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagementServiceIdentity

EnableClientCertificate :
Zone :
DisableGateway : False
MinimalControlPlaneApiVersion :
PublicIpAddressId :
PlatformVersion : stv2
PublicNetworkAccess : Enabled
PrivateEndpointConnections :
ResourceGroupName : ContosoGroup02

This command restores the API Management service using the Managed Identity credentials of APIM which are allowlisted as StorageBlobContributor on the Azure Storage

Account `apimbackupmsi`

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.apimanagement/restore-azapimanagement>

Backup-AzApiManagement

Get-AzApiManagement

New-AzApiManagement

Remove-AzApiManagement