



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

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

NAME

Backup-AzApiManagement

SYNOPSIS

Backs up an API Management service.

SYNTAX

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

DESCRIPTION

The Backup-AzApiManagement cmdlet backs up an instance of an Azure API Management service. This cmdlet stores the backup as an Azure Storage blob.

PARAMETERS

-AccessType <System.String>

The type of access to be used for the storage account.

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 deployment that this cmdlet backs up.

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

-PassThru <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet returns the backed up PsApiManagement object, if the operation succeeds.

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

-ResourceGroupName <System.String>

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

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 a storage connection context.

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

-TargetBlobName <System.String>

Specifies the name of the blob for the backup. If the blob does not exist, this cmdlet creates it. This cmdlet generates a default value based on the following

pattern: {Name}-{yyyy-MM-dd-HH-mm}.apimbackup

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-TargetContainerName <System.String>

Specifies the name of the container of the blob for the backup. If the container does not exist, this cmdlet creates it.

Required? true

Position? named

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

Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext

OUTPUTS

Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagement

NOTES

----- Example 1: Back up 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

Backup-AzApiManagement -ResourceGroupName "ContosoGroup02" -Name "ContosoApi" -StorageContext
$StorageContext -TargetContainerName "contosobackups" -TargetBlobName
"contosobackups.apimbackup"
```

----- Example 2: Back up using Managed Identity -----

```
$storageContext=New-AzStorageContext -StorageAccountName apimbackupmsi
$resourceGroupName="contosogroup2";
$apiManagementName="contosoapi";
$containerName="apimbackupcontainer";
$backupName="test-sdk-backup-1";
$msiClientId="a6270d0c-7d86-478b-8cbe-dc9047ba54f7"
```

Backup-AzApiManagement -ResourceGroupName \$resourceGroupName -Name \$apiManagementName
-StorageContext \$storageContext -TargetContainerName \$containerName
-TargetBlobName \$backupName -AccessType "UserAssignedManagedIdentity" -IdentityClientId \$msiClientId -PassThru

PublicIPAddresses : {52.143.79.150}

PrivateIPAddresses :

Id :

/subscriptions/4f5285a3-9fd7-40ad-91b1-d8fc3823983d/resourceGroups/contosogroup2/providers/Microsoft.ApiManagemen
t/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 : contosogroup2

This command backs up an API Management service to a Storage blob using UserAssigned Managed Identity

RELATED LINKS

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

Get-AzApiManagement

New-AzApiManagement

Remove-AzApiManagement

Restore-AzApiManagement