



Windows PowerShell Get-Help on Cmdlet 'Set-AzKeyVaultManagedStorageSasDefinition'

PS:\>Get-HELP Set-AzKeyVaultManagedStorageSasDefinition -Full

NAME

Set-AzKeyVaultManagedStorageSasDefinition

SYNOPSIS

Sets a Shared Access Signature (SAS) definition with Key Vault for a given Key Vault managed Azure Storage Account.

SYNTAX

```
Set-AzKeyVaultManagedStorageSasDefinition [-VaultName] <System.String> [-AccountName] <System.String> [-Name]
<System.String> [-TemplateUri] <System.String>
                                     [-SasType] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Disable] [-Tag
<System.Collections.Hashtable>] -ValidityPeriod <System.Nullable`1[System.TimeSpan]> [-Confirm] [-WhatIf]
[<CommonParameters>]

Set-AzKeyVaultManagedStorageSasDefinition [-InputObject]
<Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultManagedStorageAccountIdentityItem> [-Name]
<System.String> [-TemplateUri] <System.String> [-SasType] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Disable] [-Tag
<System.Collections.Hashtable>] -ValidityPeriod
```

<System.Nullable`1[System.TimeSpan]> [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Sets a Shared Access Signature (SAS) definition with a given Key Vault managed Azure Storage Account. This also sets a secret which can be used to get the SAS token

per this SAS definition. SAS token is generated using these parameters and the active key of the Key Vault managed Azure Storage Account.

PARAMETERS

-AccountName <System.String>

Key Vault managed storage account name. Cmdlet constructs the FQDN of a managed storage account name from vault name, currently selected environment and manged storage account name.

Required? true

Position? 1

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

-Disable <System.Management.Automation.SwitchParameter>

Disables the use of sas definition for generation of sas token.

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

-InputObject <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultManagedStorageAccountIdentityItem>

ManagedStorageAccount object.

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-Name <System.String>

Storage sas definition name. Cmdlet constructs the FQDN of a storage sas definition from vault name, currently selected environment, storage account name and sas definition name.

Required? true
Position? 2
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-SasType <System.String>

Storage SAS type.

Required? true
Position? 4
Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Key-value pairs in the form of a hash table. For example: @{key0="value0";key1=\$null;key2="value2"}

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-TemplateUri <System.String>

Storage SAS definition template uri.

Required? true

Position? 3

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ValidityPeriod <System.Nullable`1[System.TimeSpan]>

Validity period that will get used to set the expiry time of sas token from the time it gets generated

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VaultName <System.String>

Vault name. Cmdlet constructs the FQDN of a vault based on the name and currently selected environment.

Required? true
Position? 0
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

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

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false
Position? named
Default value False
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultManagedStorageAccountIdentityItem

OUTPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultManagedStorageSasDefinition

NOTES

Example 1: Set an account-type SAS definition, and obtain a current SAS token based on it

```
$sa = Get-AzStorageAccount -Name mysa -ResourceGroupName myrg
$kv = Get-AzKeyVault -VaultName mykv
Add-AzKeyVaultManagedStorageAccount -VaultName $kv.VaultName -AccountName $sa.StorageAccountName
-AccountResourceId $sa.Id -ActiveKeyName key1 -RegenerationPeriod
([System.Timespan]::FromDays(180))
$scctx = New-AzStorageContext -StorageAccountName $sa.StorageAccountName -Protocol Https -StorageAccountKey
Key1
$start = [System.DateTime]::Now.AddDays(-1)
$end = [System.DateTime]::Now.AddMonths(1)
$at = "sv=2018-03-28&ss=bfqt&srt=sco&sp=rw&spr=https"
$sas = Set-AzKeyVaultManagedStorageSasDefinition -AccountName $sa.StorageAccountName -VaultName
$kv.VaultName -Name accountsas -TemplateUri $at -SasType 'account'
-ValidityPeriod ([System.Timespan]::FromDays(30))
Get-AzKeyVaultSecret -VaultName $kv.VaultName -Name $sas.Sid.Substring($sas.Sid.LastIndexOf('/')+1)
```

Sets an account SAS definition 'accountsas' on a KeyVault-managed storage account 'mysa' in vault 'mykv'. Specifically, the sequence above performs the following: -

gets a (pre-existing) storage account - gets a (pre-existing) key vault - adds a KeyVault-managed storage account to the vault, setting Key1 as the active key,

and with a regeneration period of 180 days - sets a storage context for the specified storage account, with Key1 - creates an account SAS token for services Blob,

File, Table and Queue, for resource types Service, Container and Object, with all permissions, over https and with the specified start and end dates - sets a

KeyVault-managed storage SAS definition in the vault, with the template uri as the SAS token created above, of SAS type 'account' and valid for 30 days - retrieves

the actual access token from the KeyVault secret corresponding to the SAS definition

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.keyvault/set-azkeyvaultmanagedstoragesasdefinition>

Get-AzKeyVaultManagedStorageSasDefinition

Remove-AzKeyVaultManagedStorageSasDefinition

Undo-AzKeyVaultManagedStorageSasDefinitionRemoval