



Windows PowerShell Get-Help on Cmdlet 'Update-AzStorageFileServiceProperty'

PS:\>Get-HELP Update-AzStorageFileServiceProperty -Full

NAME

Update-AzStorageFileServiceProperty

SYNOPSIS

Modifies the service properties for the Azure Storage File service.

SYNTAX

```
Update-AzStorageFileServiceProperty [-ResourceGroupName] <System.String> [-StorageAccountName]
<System.String> [-CorsRule
<Microsoft.Azure.Commands.Management.Storage.Models.PSCorsRule[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EnableShareDeleteRetentionPolicy <System.Boolean>]
[-EnableSmbMultichannel <System.Boolean>] [-ShareRetentionDays <System.Int32>] [-SmbAuthenticationMethod
{Kerberos | NTLMv2}] [-SmbChannelEncryption {AES-128-CCM |
AES-128-GCM | AES-256-GCM}] [-SmbKerberosTicketEncryption {AES-256 | RC4-HMAC}] [-SmbProtocolVersion
{SMB2.1 | SMB3.0 | SMB3.1.1}] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```

<Microsoft.Azure.Commands.Management.Storage.Models.PSCorsRule[]>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EnableShareDeleteRetentionPolicy <System.Boolean>]
    [-EnableSmbMultichannel <System.Boolean>] [-ShareRetentionDays <System.Int32>] [-SmbAuthenticationMethod
{Kerberos | NTLMv2}] [-SmbChannelEncryption {AES-128-CCM |
    AES-128-GCM | AES-256-GCM}] [-SmbKerberosTicketEncryption {AES-256 | RC4-HMAC}] [-SmbProtocolVersion
{SMB2.1 | SMB3.0 | SMB3.1.1}] [-Confirm] [-WhatIf]
    [<CommonParameters>]

Update-AzStorageFileServiceProperty [-CorsRule
<Microsoft.Azure.Commands.Management.Storage.Models.PSCorsRule[]>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EnableShareDeleteRetentionPolicy <System.Boolean>]
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{Kerberos | NTLMv2}] [-SmbChannelEncryption {AES-128-CCM |
    AES-128-GCM | AES-256-GCM}] [-SmbKerberosTicketEncryption {AES-256 | RC4-HMAC}] [-SmbProtocolVersion
{SMB2.1 | SMB3.0 | SMB3.1.1}] -StorageAccount
    <Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount> [-Confirm] [-WhatIf]
    [<CommonParameters>]

```

DESCRIPTION

The Update-AzStorageFileServiceProperty cmdlet modifies the service properties for the Azure Storage File service.

PARAMETERS

-CorsRule <Microsoft.Azure.Commands.Management.Storage.Models.PSCorsRule[]>

Specifies CORS rules for the File service.

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

-EnableShareDeleteRetentionPolicy <System.Boolean>

Enable share Delete Retention Policy for the storage account by set to \$true, disable share Delete Retention Policy by set to \$false.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EnableSmbMultichannel <System.Boolean>

Enable Multichannel by set to \$true, disable Multichannel by set to \$false. Applies to Premium FileStorage only.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Resource Group Name.

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

-ResourceId <System.String>

Input a Storage account Resource Id, or a File service properties Resource Id.

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

-ShareRetentionDays <System.Int32>

Sets the number of retention days for the share DeleteRetentionPolicy. The value should only be set when enable share Delete Retention Policy.

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

-SmbAuthenticationMethod <System.String[]>

Gets or sets SMB authentication methods supported by server. Valid values are NTLMv2, Kerberos.

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

-SmbChannelEncryption <System.String[]>

Gets or sets SMB channel encryption supported by server. Valid values are AES-128-CCM, AES-128-GCM, AES-256-GCM.

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

-SmbKerberosTicketEncryption <System.String[]>

Gets or sets kerberos ticket encryption supported by server. Valid values are RC4-HMAC, AES-256.

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

-SmbProtocolVersion <System.String[]>

Gets or sets SMB protocol versions supported by server. Valid values are SMB2.1, SMB3.0, SMB3.1.1.

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

-StorageAccount <Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount>

Storage account object

Required? true

Position? named
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-StorageAccountName <System.String>

Storage Account Name.

Required? true
Position? 1
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>).

INPUTS

Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount

System.String

OUTPUTS

Microsoft.Azure.Commands.Management.Storage.Models.PSFileServiceProperties

NOTES

----- Example 1: Enable File share softdelete -----

```
Update-AzStorageFileServiceProperty -ResourceGroupName "myresourcegroup" -AccountName "mystorageaccount"
-EnableShareDeleteRetentionPolicy $true -ShareRetentionDays 5
```

StorageAccountName : mystorageaccount

ResourceGroupName : myresourcegroup

ShareDeleteRetentionPolicy.Enabled : True

ShareDeleteRetentionPolicy.Days : 5

ProtocolSettings.Smb.Multichannel.Enabled : False

ProtocolSettings.Smb.Versions :
ProtocolSettings.Smb.AuthenticationMethods :
ProtocolSettings.Smb.KerberosTicketEncryption :
ProtocolSettings.Smb.ChannelEncryption :

This command enables File share softdelete delete with retention days as 5

----- Example 2: Enable Smb Multichannel -----

```
Update-AzStorageFileServiceProperty -ResourceGroupName "myresourcegroup" -AccountName "mystorageaccount"  
-EnableSmbMultichannel $true
```

StorageAccountName : mystorageaccount
ResourceGroupName : myresourcegroup
ShareDeleteRetentionPolicy.Enabled : True
ShareDeleteRetentionPolicy.Days : 5
ProtocolSettings.Smb.Multichannel.Enabled : True
ProtocolSettings.Smb.Versions :
ProtocolSettings.Smb.AuthenticationMethods :
ProtocolSettings.Smb.KerberosTicketEncryption :
ProtocolSettings.Smb.ChannelEncryption :

This command enables Smb Multichannel, only supported on Premium FileStorage account.

----- Example 3: Updates secure smb settings -----

```
Update-AzStorageFileServiceProperty -ResourceGroupName "myresourcegroup" -AccountName "mystorageaccount" `  
-SMBProtocolVersion SMB2.1,SMB3.0,SMB3.1.1 `  
-SMBAuthenticationMethod Kerberos,NTLMv2 `  
-SMBKerberosTicketEncryption RC4-HMAC,AES-256 `  
-SMBChannelEncryption AES-128-CCM,AES-128-GCM,AES-256-GCM
```

StorageAccountName : mystorageaccount
ResourceGroupName : myresourcegroup
ShareDeleteRetentionPolicy.Enabled : True
ShareDeleteRetentionPolicy.Days : 5
ProtocolSettings.Smb.Multichannel.Enabled : True
ProtocolSettings.Smb.Versions : {SMB2.1, SMB3.0, SMB3.1.1}
ProtocolSettings.Smb.AuthenticationMethods : {Kerberos, NTLMv2}
ProtocolSettings.Smb.KerberosTicketEncryption : {RC4-HMAC, AES-256}
ProtocolSettings.Smb.ChannelEncryption : {AES-128-CCM, AES-128-GCM, AES-256-GCM}

This command updates secure smb settings.

----- Example 4: Clear secure smb settings -----

```
Update-AzStorageFileServiceProperty -ResourceGroupName "myresourcegroup" -AccountName "mystorageaccount" `
-SMBProtocolVersion @() `
-SMBAuthenticationMethod @() `
-SMBKerberosTicketEncryption @() `
-SMBChannelEncryption @()
```

StorageAccountName : mystorageaccount
ResourceGroupName : myresourcegroup
ShareDeleteRetentionPolicy.Enabled : True
ShareDeleteRetentionPolicy.Days : 5
ProtocolSettings.Smb.Multichannel.Enabled : True
ProtocolSettings.Smb.Versions :
ProtocolSettings.Smb.AuthenticationMethods :
ProtocolSettings.Smb.KerberosTicketEncryption :
ProtocolSettings.Smb.ChannelEncryption :

This command clears secure smb settings.

----- Example 5: Update CORS rules -----

```
$CorsRules = (@{  
    AllowedHeaders=@("x-ms-blob-content-type","x-ms-blob-content-disposition");  
    ExposedHeaders=@();  
    AllowedOrigins=@("*");  
    AllowedMethods=@("TRACE","CONNECT"),  
    @{  
        AllowedOrigins=@("http://www.fabrikam.com","http://www.contoso.com");  
        ExposedHeaders=@("x-ms-meta-data*", "x-ms-meta-customheader");  
        AllowedHeaders=@("x-ms-meta-target*", "x-ms-meta-customheader");  
        MaxAgeInSeconds=30;  
        AllowedMethods=@("PUT"))
```

```
    $property = Update-AzStorageFileServiceProperty -ResourceGroupName myresourcegroup -StorageAccountName  
mystorageaccount -CorsRule $CorsRules  
    $property.Cors.CorsRulesProperty
```

```
AllowedOrigins : {*}  
AllowedMethods : {TRACE, CONNECT}  
MaxAgeInSeconds : 0  
ExposedHeaders : {}  
AllowedHeaders : {x-ms-blob-content-type, x-ms-blob-content-disposition}
```

```
AllowedOrigins : {http://www.fabrikam.com, http://www.contoso.com}  
AllowedMethods : {PUT}  
MaxAgeInSeconds : 30  
ExposedHeaders : {x-ms-meta-customheader, x-ms-meta-data*}  
AllowedHeaders : {x-ms-meta-customheader, x-ms-meta-target*}
```

The first command assigns an array of rules to the \$CorsRules variable. This command uses standard [AzStorageFileServiceProperty](#) commands over

several lines in this code block. The second command

sets the rules in \$CorsRules to the File service of a Storage account.

----- Example 6: Clean up CORS rules -----

```
Update-AzStorageFileServiceProperty -ResourceGroupName myresourcegroup -StorageAccountName  
mystorageaccount -CorsRule @()
```

This command cleans up the CORS rules of a Storage account by inputting @() to parameter CorsRule.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.storage/update-azstoragefileserviceproperty>