



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

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

NAME

Set-AzKeyVaultCertificatePolicy

SYNOPSIS

Creates or updates the policy for a certificate in a key vault.

SYNTAX

```
Set-AzKeyVaultCertificatePolicy [-VaultName] <System.String> [-Name] <System.String> [-CertificateTransparency
<System.Nullable`1[System.Boolean]>] [-CertificateType
<System.String>] [-Curve {P-256 | P-384 | P-521 | P-256K | SECP256K1}] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Disabled]
[-DnsName <System.Collections.Generic.List`1[System.String]>]
[-Ekus <System.Collections.Generic.List`1[System.String]>] [-EmailAtNumberOfDaysBeforeExpiry
<System.Nullable`1[System.Int32]>] [-EmailAtPercentageLifetime
<System.Nullable`1[System.Int32]>] [-IssuerName <System.String>] [-KeyNotExportable] [-KeySize {2048 | 3072 | 4096 |
256 | 384 | 521}] [-KeyType {RSA | RSA-HSM | EC |
EC-HSM}] [-KeyUsage {None | EncipherOnly | CrlSign | KeyCertSign | KeyAgreement | DataEncipherment |
KeyEncipherment | NonRepudiation | DigitalSignature |
DecipherOnly}] [-PassThru] [-RenewAtPercentageLifetime <System.Nullable`1[System.Int32]>] [-ReuseKeyOnRenewal
```

```

<System.Nullable`1[System.Boolean]>] [-SecretContentType
    {application/x-pkcs12 | application/x-pem-file}] [-SubjectName <System.String>] [-ValidityInMonths
<System.Nullable`1[System.Int32]>] [-Confirm] [-WhatIf]
    [<CommonParameters>]

Set-AzKeyVaultCertificatePolicy [-VaultName] <System.String> [-Name] <System.String> [-CertificateTransparency
<System.Nullable`1[System.Boolean]>] [-CertificateType
    <System.String>] [-Curve {P-256 | P-384 | P-521 | P-256K | SECP256K1}] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Disabled]
[-DnsName <System.Collections.Generic.List`1[System.String]>]
    [-Ekus <System.Collections.Generic.List`1[System.String]>] [-EmailAtNumberOfDaysBeforeExpiry
<System.Nullable`1[System.Int32]>] [-EmailAtPercentageLifetime
    <System.Nullable`1[System.Int32]>] [-IssuerName <System.String>] [-KeyNotExportable] [-KeySize {2048 | 3072 | 4096 |
256 | 384 | 521}] [-KeyType {RSA | RSA-HSM | EC |
    EC-HSM}] [-KeyUsage {None | EncipherOnly | CrlSign | KeyCertSign | KeyAgreement | DataEncipherment |
KeyEncipherment | NonRepudiation | DigitalSignature |
    DecipherOnly}] [-PassThru] [-RenewAtNumberOfDaysBeforeExpiry <System.Nullable`1[System.Int32]>]
[-ReuseKeyOnRenewal <System.Nullable`1[System.Boolean]>]
    [-SecretContentType {application/x-pkcs12 | application/x-pem-file}] [-SubjectName <System.String>] [-ValidityInMonths
<System.Nullable`1[System.Int32]>] [-Confirm]
    [-WhatIf] [<CommonParameters>]

Set-AzKeyVaultCertificatePolicy [-VaultName] <System.String> [-Name] <System.String> [-InputObject]
    <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultCertificatePolicy> [-CertificateTransparency
<System.Nullable`1[System.Boolean]>] [-Curve {P-256 | P-384 | P-521 |
    P-256K | SECP256K1}] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EmailAtNumberOfDaysBeforeExpiry
    <System.Nullable`1[System.Int32]>] [-EmailAtPercentageLifetime <System.Nullable`1[System.Int32]>] [-KeySize {2048 |
3072 | 4096 | 256 | 384 | 521}] [-KeyType {RSA |
    RSA-HSM | EC | EC-HSM}] [-PassThru] [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The Set-AzKeyVaultCertificatePolicy cmdlet creates or updates the policy for a certificate in a key vault.

PARAMETERS

`-CertificateTransparency <System.Nullable`1[System.Boolean]>`

Indicates whether certificate transparency is enabled for this certificate/issuer; if not specified, the default is 'true'.

`-IssuerName`` needs to be specified

when setting this property.

Required?	false
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Position?	named
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Default value	None
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Accept pipeline input?	False
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Accept wildcard characters?	false
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`-CertificateType <System.String>`

Specifies the type of certificate to the issuer.

Required?	false
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Position?	named
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Default value	None
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Accept pipeline input?	False
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Accept wildcard characters?	false
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`-Curve <System.String>`

Specifies the elliptic curve name of the key of the certificate. The acceptable values for this parameter are: - P-256

- P-384

- P-521

- P-256K

- SECP256K1

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

-Disabled <System.Management.Automation.SwitchParameter>

Indicates that the certificate policy is disabled.

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

-DnsName <System.Collections.Generic.List`1[System.String]>

Specifies the subject name of the certificate.

Required? false
Position? named
Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Ekus <System.Collections.Generic.List`1[System.String]>

Specifies the enhanced key usages (EKUs) in the certificate.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EmailAtNumberOfDaysBeforeExpiry <System.Nullable`1[System.Int32]>

Specifies the number of days before expiration when automatic renewal should start.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EmailAtPercentageLifetime <System.Nullable`1[System.Int32]>

Specifies the percentage of the lifetime after which the automatic process for the notification begins.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

Specifies the certificate policy.

Required? true
Position? 2
Default value None
Accept pipeline input? True (ByPropertyName, ByValue)
Accept wildcard characters? false

-IssuerName <System.String>

Specifies the name of the issuer for this certificate.

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

-KeyNotExportable <System.Management.Automation.SwitchParameter>

Indicates that the key is not exportable.

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

-KeySize <System.Int32>

Specifies the key size of the certificate. The acceptable values for this parameter are: - 2048

- 3072

- 4096

- 256

- 384

- 521

Required? false
Position? named
Default value 2048
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-KeyType <System.String>

Specifies the key type of the key that backs the certificate. The acceptable values for this parameter are: - RSA

- RSA-HSM

- EC

- EC-HSM

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

-KeyUsage <System.Collections.Generic.List`1[System.Security.Cryptography.X509Certificates.X509KeyUsageFlags]>

Specifies the key usages in the certificate.

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

-Name <System.String>

Specifies the name of the certificate.

Required? true

Position? 1

Default value None

Accept pipeline input? False

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

-RenewAtNumberOfDaysBeforeExpiry <System.Nullable`1[System.Int32]>

Specifies the number of days before expiry after which the automatic process for certificate renewal begins.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RenewAtPercentageLifetime <System.Nullable`1[System.Int32]>

Specifies the percentage of the lifetime after which the automatic process for certificate renewal begins.

Required? false

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

-ReuseKeyOnRenewal <System.Nullable`1[System.Boolean]>

Indicates that the certificate reuse the key during renewal.

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

-SecretContentType <System.String>

Specifies the content type of the new key vault secret. The acceptable values for this parameter are: -
application/x-pkcs12

- application/x-pem-file

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

-SubjectName <System.String>

Specifies the subject name of the certificate.

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

Accept wildcard characters? false

-ValidityInMonths <System.Nullable`1[System.Int32]>

Specifies the number of months the certificate is valid.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VaultName <System.String>

Specifies the name of a key vault.

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.PSKeyVaultCertificatePolicy

OUTPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultCertificatePolicy

NOTES

----- Example 1: Set a certificate policy -----

```
Set-AzKeyVaultCertificatePolicy -VaultName "ContosoKV01" -Name "TestCert01" -SecretContentType  
"application/x-pkcs12" -SubjectName "CN=contoso.com" -IssuerName "Self"  
-ValidityInMonths 6 -ReuseKeyOnRenewal $True -PassThru
```

SecretContentType : application/x-pkcs12

Kty :
KeySize : 2048
Curve :
Exportable :
ReuseKeyOnRenewal : True
SubjectName : CN=contoso.com
DnsNames :
KeyUsage :
Ekus :
ValidityInMonths : 6
IssuerName : Self
CertificateType :
RenewAtNumberOfDaysBeforeExpiry :
RenewAtPercentageLifetime :
EmailAtNumberOfDaysBeforeExpiry :
EmailAtPercentageLifetime :
CertificateTransparency :
Enabled : True
Created :
Updated :

This command sets the policy for the TestCert01 certificate in the ContosoKV01 key vault.

RELATED LINKS

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

Get-AzKeyVaultCertificatePolicy

New-AzKeyVaultCertificatePolicy