



### *Windows PowerShell Get-Help on Cmdlet 'Merge-CIPolicy'*

***PS:\>Get-HELP Merge-CIPolicy -Full***

#### NAME

Merge-CIPolicy

#### SYNOPSIS

Combines the rules in several Code Integrity policy files.

#### SYNTAX

Merge-CIPolicy [-OutputFilePath] <String> [-PolicyPaths] <String[]> [-AppIdTaggingPolicy] [-Rules <Rule[]>]  
[<CommonParameters>]

#### DESCRIPTION

The Merge-CIPolicy cmdlet combines the rules in several Code Integrity policy files. This cmdlet creates a single policy .xml file. You can specify rules to add to the merged list. This cmdlet does not save redundant rules. The cmdlet appends a digit to the IDs of the rules to make the IDs of the rules unique.

#### PARAMETERS

#### `-AppldTaggingPolicy [<SwitchParameter>]`

This parameter is reserved for future use.

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

#### `-OutputFilePath <String>`

Specifies the path of the merged .xml policy file.

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

#### `-PolicyPaths <String[]>`

Specifies an array of paths of the policy .xml files that this cmdlet merges.

|                             |       |
|-----------------------------|-------|
| Required?                   | true  |
| Position?                   | 1     |
| Default value               | None  |
| Accept pipeline input?      | False |
| Accept wildcard characters? | false |

#### `-Rules <Rule[]>`

Specifies an array of Rule objects that this cmdlet adds to the merged policy. To obtain a rule object, use the `Get-CIPolicy` or `New-CIPolicyRule` cmdlets.

|           |       |
|-----------|-------|
| Required? | false |
| Position? | named |

Default value            None  
Accept pipeline input?    True (ByValue)  
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

OUTPUTS

Rule  
This cmdlet returns the rules in the policy that it creates.

NOTES

----- Example 1: Merge policies -----

PS C:\> Merge-CIPolicy -PolicyPaths '.\Policy.xml','.\Policy02.xml' -OutputFilePath '.\MergedPolicy.xml'

Name        : MSIT Test CodeSign CA 3  
Id         : ID\_SIGNER\_S\_17\_0  
TypeId     : Allow  
Root       : FA6B9A2230CE08BCA81D096B28CF495672401D3A43A0D285CF352464A6C9C7FD  
FileVersionRef :  
Wellknown   : False  
Ekus       :

Exceptions :

FileAttributes :

FileException : False

UserMode : False

Name : VeriSign Class 3 Code Signing 2010 CA

Id : ID\_SIGNER\_S\_1D\_0

Typeld : Allow

Root : 4843A82ED3B1F2BFBEE9671960E1940C942F688D

FileVersionRef :

Wellknown : False

Ekus :

Exceptions :

FileAttributes :

FileException : False

UserMode : False

Name : Microsoft Windows Third Party Component CA 2012

Id : ID\_SIGNER\_S\_1E\_0

Typeld : Allow

Root : CEC1AFD0E310C55C1DCC601AB8E172917706AA32FB5EAF826813547FDF02DD46

FileVersionRef :

Wellknown : False

Ekus :

Exceptions :

FileAttributes :

FileException : False

UserMode : False

Name : \\?\E:\cmdlets\temp\Microsoft.ConfigCI.Commands.dll Hash Sha1

Id : ID\_ALLOW\_A\_49\_1

Typeld : Allow

Root :

FileVersionRef :

Wellknown : False

Ekus :

Exceptions :

FileAttributes :

FileException : False

UserMode : False

This command merges policies defined in the two .xml files into a third file, MergedPolicy.xml. The cmdlet appends \_0 to ID of the rules from the first policy, such

as ID\_SIGNER\_S\_17\_0. It appends \_1 to rules from the second policy, such as ID\_ALLOW\_A\_49\_1. The command does not include duplicates. For this example, we present

only the first few rules.

## RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/configci/merge-cipolicy?view=windowsserver2022-ps&wt.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/configci/merge-cipolicy?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)

Get-CIPolicy

New-CIPolicy