



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

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

NAME

Set-AppLockerPolicy

SYNOPSIS

Sets the AppLocker policy for the specified GPO.

SYNTAX

Set-AppLockerPolicy [-PolicyObject] <AppLockerPolicy> [-Confirm] [-Ldap <String>] [-Merge] [-WhatIf]
[<CommonParameters>]

Set-AppLockerPolicy [-XmlPolicy] <String> [-Confirm] [-Ldap <String>] [-Merge] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Set-AppLockerPolicy cmdlet sets the specified GPO to contain the specified AppLocker policy. If no Lightweight Directory Access Protocol (LDAP) is specified, then the default is the local GPO.

The input values for the AppLocker policy can be an AppLockerPolicy object or an XML-formatted file that contains the

AppLocker policy.

Note that the Set-AppLockerPolicy cmdlet only works with GP. It cannot interact with the AppLocker CSP.

PARAMETERS

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Ldap <String>

Specifies the LDAP path of the GPO. It must specify a unique GPO. If this parameter is not specified, then the local AppLocker policy is set.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Merge [<SwitchParameter>]

Merges the rules in the specified AppLocker policy with the AppLocker rules in the target GPO specified in the LDAP path. The merging of policies will remove

rules with duplicate rule IDs, and the enforcement setting specified by the AppLocker policy in the target GPO will be preserved. If the Merge parameter is not specified, then the new policy will overwrite the existing policy.

Required? false

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

-PolicyObject <AppLockerPolicy>

Specifies the AppLockerPolicy object that contains the AppLocker policy. Can be obtained from the Get-AppLockerPolicy and the New-AppLockerPolicy cmdlets.

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

-WhatIf [<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

-XmlPolicy <String>

Specifies the path where the XML-formatted file that contains the AppLocker policy is saved.

Required? true
Position? 0
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

```
Microsoft.Security.ApplicationId.PolicyManagement.PolicyModel.AppLockerPolicy
AppLockerPolicy
```

System.String

OUTPUTS

None

NOTES

----- Example 1: Set the local AppLocker policy -----

```
PS C:\> Set-AppLockerPolicy -XMLPolicy C:\Policy.xml
```

This example sets the local AppLocker policy to the policy specified in C:\Policy.xml.

---- Example 2: Set the GPO to contain an AppLocker policy. ----

```
PS C:\> Set-AppLockerPolicy -XMLPolicy C:\Policy.xml -LDAP
```

"LDAP://DC13.Contoso.com/CN={31B2F340-016D-11D2-945F-00C04FB984F9},CN=Policies,CN=System,DC=Contoso,DC

=com"

This example sets the GPO specified in the LDAP path to contain the AppLocker policy that is specified in C:\Policy.xml.

--- Example 3: Merge the local AppLocker policy with another ---

```
PS C:\> Get-AppLockerPolicy -Local | Set-AppLockerPolicy -LDAP
```

```
"LDAP://DC13.Contoso.com/CN={31B2F340-016D-11D2-945F-00C04FB984F9},CN=Policies,CN=System,DC=Contoso,DC=com" -Merge
```

This example gets the local AppLocker policy, and then merges the policy with the existing AppLocker policy in the GPO specified in the LDAP path. For more

information on how two policies are merged, see the Merge parameter description.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/applocker/set-applockerpolicy?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Get-AppLockerFileInformation

Get-AppLockerPolicy

New-AppLockerPolicy

Test-AppLockerPolicy