



Windows PowerShell Get-Help on Cmdlet 'Get-NetFirewallHyperVProfile'

PS:\>Get-HELP Get-NetFirewallHyperVProfile -Full

NAME

Get-NetFirewallHyperVProfile

SYNOPSIS

Retrieves Hyper-V firewall per-profile settings from the target computer.

SYNTAX

```
Get-NetFirewallHyperVProfile [-All] [-AsJob] [-CimSession <CimSession[]>] [-Name <String>] [-Profile <String>]
[-PolicyStore <String>] [-ThrottleLimit <Int32>]
[<CommonParameters>]
```

DESCRIPTION

The Get-NetFirewallHyperVProfile cmdlet returns the the Hyper-V firewall profile settings on the system. These settings are applicable to all Hyper-V firewall ports

created by a specific Hyper-V firewall VM creator. These settings apply to the VM only when the profile is active.

These settings are configurable on a per-store basis. By default, this cmdlet queries the local store.

PARAMETERS

-All [<SwitchParameter>]

Specifies that all Hyper-V firewall profile settings should be retrieved.

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

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

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

-CimSession <CimSession[]>

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a `New-CimSession`

(<https://go.microsoft.com/fwlink/p/?LinkId=227967>) or

[`Get-CimSession`](<https://go.microsoft.com/fwlink/p/?LinkId=227966>)cmdlet. The default is the current session on the local computer.

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

-Name <String>

Specifies that only matching Hyper-V firewall profile settings of the indicated Hyper-V firewall VM creator should be retrieved. The format for this value is a

GUID enclosed in brackets: '{9E288F02-CE00-4D9E-BE2B-14CE463B0298}'.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Profile <String>

Specifies that only matching Hyper-V firewall profile settings of the indicated profile should be retrieved. Acceptable values are: Any, Domain, Private, Public.

Required? false

Position? named

Default value Any

Accept pipeline input? False

Accept wildcard characters? false

-PolicyStore <String>

Targets the policy store from which to retrieve the rules. A policy store is a container for firewall policy. The acceptable values for this parameter are: -

PersistentStore: Sometimes called static rules, this store contains the persistent policy for the local computer. This policy is not from GPOs, and has been

created manually or programmatically (during application installation) on the computer. Rules created in this store are attached to the ActiveStore and activated

on the computer immediately. - ActiveStore: This store contains the currently active policy, which is the sum of all policy stores that apply to the computer.

- MDM: This store contains the rules configured via MDM.

By default, the PersistentStore is queried.

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

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered,

Windows PowerShell calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit

applies only to the current cmdlet, not to the session or to the computer.

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

None

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance#root\StandardCimv2\NetFirewallHyperVProfile

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the

pound sign (`#`) provides the namespace and class name for the underlying WMI object.

NOTES

----- EXAMPLE 1 -----

```
PS C:\> Get-NetFirewallHyperVProfile
```

This retrieves all the Hyper-V firewall profile settings. With no parameters, this cmdlet queries the settings in the local store.

----- EXAMPLE 2 -----

```
PS C:\> Get-NetFirewallHyperVProfile -Name '{9E288F02-CE00-4D9E-BE2B-14CE463B0298}'
```

This example retrieves all the Hyper-V firewall profile settings for the specified VM creator ID.

----- EXAMPLE 3 -----

```
PS C:\> Get-NetFirewallHyperVProfile -PolicyStore ActiveStore
```

This example retrieves all the Hyper-V firewall profile settings from the ActiveStore.

RELATED LINKS

Online

Version:

https://docs.microsoft.com/powershell/module/netsecurity/get-netfirewallhypervprofile?view=windowsserver2022-ps&wmc_

id=ps-gethelp

Get-NetfirewallHyperVRule

Get-NetfirewallHyperVPort

Get-NetfirewallHyperVVMCreator

New-NetFirewallHyperVVMSetting

Set-NetFirewallHyperVVMSetting