



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

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

NAME

Get-NetFirewallHyperVPort

SYNOPSIS

Retrieves Hyper-V firewall ports from the target computer.

SYNTAX

Get-NetFirewallHyperVPort [-All] [-AsJob] [-CimSession <CimSession[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]

DESCRIPTION

The Get-NetFirewallHyperVPort cmdlet returns the instances of the Hyper-V firewall ports. Hyper-V firewall rules are applied on a per-port basis. This cmdlet queries the active ports on the system and displays associated data about the port.

PARAMETERS

-All [<SwitchParameter>]

Specifies that all Hyper-V firewall ports 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

-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>).

INPUTS

None

OUTPUTS

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

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-NetFirewallHyperVPort
```

This example retrieves all the Hyper-V firewall ports that are currently on the system.

RELATED LINKS

Online

Version:

https://docs.microsoft.com/powershell/module/netsecurity/get-netfirewallhypervport?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Get-NetfirewallHyperVRule

Get-NetfirewallHyperVVMCreator

Get-NetFirewallHyperVVMSetting

Set-NetFirewallHyperVVMSetting