



## ***Windows PowerShell Get-Help on Cmdlet 'New-NetFirewallDynamicKeywordAddress'***

***PS:\>Get-HELP New-NetFirewallDynamicKeywordAddress -Full***

### NAME

New-NetFirewallDynamicKeywordAddress

### SYNOPSIS

Creates a dynamic keyword address.

### SYNTAX

```
New-NetFirewallDynamicKeywordAddress [-Addresses <String>] [-AsJob] [-AutoResolve <Boolean>] [-CimSession  
<CimSession[]>] [-Id <String>] [-Keyword <String>  
[-ThrottleLimit <Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

### DESCRIPTION

The New-NetFirewallDynamicKeywordAddress cmdlet creates a dynamic keyword address.

A firewall rule can use dynamic keyword addresses instead of explicitly defining IP addresses for its remote address condition.

## PARAMETERS

### -Addresses <String>

Specifies the addresses for the dynamic keyword address.

Required? false

Position? named

Default value None

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

### -AutoResolve <Boolean>

Whether the dynamic key address uses `AutoResolve`. For `AutoResolve`, the keyword field represents a resolvable name and the IP addresses aren't defined when the dynamic key address is created.

Required? false

Position? named

Default value None

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

[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

#### -Id <String>

Specifies a GUID for the dynamic keyword address. Wrap the GUID value in braces.

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

#### -Keyword <String>

Specifies the keyword for the dynamic keyword address.

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, then

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

#### -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

#### -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

#### <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).

None

## OUTPUTS

System.Object

## NOTES

-- Example 1: Create dynamic keyword address with AutoResolve --

```
$GUID = New-Guid
```

```
New-NetFirewallDynamicKeywordAddress -Id $('{' + $GUID + '}') -Keyword "ContosoSubnet" -AutoResolve $True
```

This example creates an `AutoResolve` dynamic keyword address.

The first command creates a GUID and assigns it to `\$GUID`.

The second command creates the dynamic address with the specified keyword. The braces are required for the ID.

----- Example 2: Create dynamic keyword address -----

```
$GUID = New-Guid
```

```
New-NetFirewallDynamicKeywordAddress -Id $('{' + $GUID + '}') -Keyword "ContosoServerSubnet" -Addresses 10.0.0.21
```

This example creates a non-`AutoResolve` dynamic keyword address.

The first command creates a GUID and assigns it to `\$GUID`.

The second command creates a dynamic address with the specified keyword. The address does not use AutoResolve.

You can use the form ``-Address`` instead of ``Addresses`` in the command, for clarity. The braces are required for the ID.

## RELATED LINKS

Online

Version:

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

Get-NetFirewallDynamicKeywordAddress

Remove-NetFirewallDynamicKeywordAddress

Update-NetFirewallDynamicKeywordAddress