



## ***Windows PowerShell Get-Help on Cmdlet 'Update-AzSynapseFirewallRule'***

***PS:\>Get-HELP Update-AzSynapseFirewallRule -Full***

### NAME

Update-AzSynapseFirewallRule

### SYNOPSIS

Updates a Synapse Analytics Firewall Rule.

### SYNTAX

```

Update-AzSynapseFirewallRule [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EndIpAddress
<System.String>] -Name <System.String> [-ResourceGroupName <System.String>] [-StartIpAddress <System.String>]
-WorkspaceName <System.String> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

Update-AzSynapseFirewallRule [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EndIpAddress
<System.String>] -Name <System.String> [-StartIpAddress <System.String>] -WorkspaceObject
<Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace> [-Confirm]
[-WhatIf] [<CommonParameters>]

```

## DESCRIPTION

The Update-AzSynapseFirewallRule cmdlet modifies an Azure Synapse Analytics Firewall Rule.

## PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EndIpAddress <System.String>

The end IP address of the firewall rule. Must be IPv4 format. Must be greater than or equal to startIpAddress.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

The firewall rule name for the workspace.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Resource group name.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-StartIpAddress <System.String>

The start IP address of the firewall rule. Must be IPv4 format.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-WorkspaceName <System.String>

Name of Synapse workspace.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-WorkspaceObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace>

workspace input object, usually passed through the pipeline.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Confirm <System.Management.Automation.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 <System.Management.Automation.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>).

## INPUTS

Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace

## OUTPUTS

Microsoft.Azure.Commands.Synapse.Models.PSSynapseFirewallRule

## NOTES

----- Example 1 -----

```
Update-AzSynapseFirewallRule -ResourceGroupName ContosoResourceGroup -WorkspaceName ContosoWorkspace  
-Name ContosoFirewallRule -StartIpAddress "0.0.0.0" -EndIpAddress  
"255.255.255.255"
```

This command updates firewall rule named ContosoFirewallRule under workspace ContosoWorkspace with name ContosoFirewallRule.

----- Example 2 -----

```
$ws = Get-AzSynapseWorkspace -Name ContosoWorkspace  
$ws | Update-AzSynapseFirewallRule -Name ContosoFirewallRule -StartIpAddress "0.0.0.0" -EndIpAddress  
"255.255.255.255"
```

This command updates firewall rule named ContosoFirewallRule under a workspace through pipeline.

#### RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.synapse/update-azsynapsefirewallrule>