Windows PowerShell Get-Help on Cmdlet 'New-AzFirewallApplicationRule'

PS:\>Get-HELP New-AzFirewallApplicationRule -Full

WARNING: The names of some imported commands from the module 'Microsoft.Azure.PowerShell.Cmdlets.Network' include unapproved verbs that might make them less discoverable.

To find the commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

NAME

New-AzFirewallApplicationRule

SYNOPSIS

Creates a Firewall Application Rule.

SYNTAX

New-AzFirewallApplicationRule [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Description <System.String>] -FqdnTag <System.String[]> -Name <System.String> [-SourceAddress <System.String[]>] [-SourceIpGroup <System.String[]>] [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzFirewallApplicationRule [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Description

<System.String>] -Name <System.String> -Protocol <System.String[]> [-SourceAddress <System.String[]>] [-SourceIpGroup <System.String[]>] -TargetFqdn <System.String[]>

[-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The New-AzFirewallApplicationRule cmdlet creates an application rule for Azure Firewall.

PARAMETERS

-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

-Description <System.String>

Specifies an optional description of this rule.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FqdnTag <System.String[]>

Specifies a list of FQDN Tags for this rule. The available tags can be retrieved using Get-AzFirewallFqdnTag (./Get-AzFirewallFqdnTag.md)cmdlet.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specifies the name of this application rule. The name must be unique inside a rule collection.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Protocol <System.String[]>

Specifies the type of traffic to be filtered by this rule. The format is <protocol `type>:<port>`. For example, "http:80" or "https:443". Protocol is mandatory

when TargetFqdn is used, but it cannot be used with FqdnTag. The supported protocols are HTTP and HTTPS.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SourceAddress <System.String[]>

The source addresses of the rule

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SourceIpGroup <System.String[]>

The source ipgroup of the rule

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-TargetFqdn <System.String[]>

Specifies a list of domain names filtered by this rule. The asterisk character, ' ', is accepted only as the first character of an FQDN in the list. When used,

the asterisk matches any number of characters. (e.g. ' msn.com' will match msn.com and all its subdomains)

Required? true

Position? named

Default value None

Accept pipeline input? False

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

None

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSAzureFirewallApplicationRule

NOTES

Example 1: Create a rule to allow all HTTPS traffic from 10.0.0.0

New-AzFirewallApplicationRule -Name "https-rule" -Protocol "https:443" -TargetFqdn "*" -SourceAddress "10.0.0.0"

This example creates a rule which will allow all HTTPS traffic on port 443 from 10.0.0.0.

Example 2: Create a rule to allow WindowsUpdate for 10.0.0.0/24 subnet

```
New-AzFirewallApplicationRule -Name "windows-update-rule" -FqdnTag WindowsUpdate -SourceAddress "10.0.0.0/24"
```

This example creates a rule which will allow traffic for Windows Updates for 10.0.0.0/24 domain.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.network/new-azfirewallapplicationrule

New-AzFirewallApplicationRuleCollection

New-AzFirewall

Get-AzFirewall

Get-AzFirewallFqdnTag