



Windows PowerShell Get-Help on Cmdlet 'Get-AzSqlServerIpv6FirewallRule'

PS:\>Get-HELP Get-AzSqlServerIpv6FirewallRule -Full

NAME

Get-AzSqlServerIpv6FirewallRule

SYNOPSIS

Gets IPv6 firewall rules for a SQL Database server.

SYNTAX

```
Get-AzSqlServerIpv6FirewallRule [-ResourceGroupName] <System.String> [-ServerName] <System.String>
[[-Ipv6FirewallRuleName] <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The Get-AzSqlServerIpv6FirewallRule cmdlet gets IPv6 firewall rules for an Azure SQL Database server. If you specify the name of an IPv6 firewall rule, this cmdlet gets information about that specific IPv6 firewall rule.

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

-Ipv6FirewallRuleName <System.String>

Specifies the name of the IPv6 firewall rule.

Required? false

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-ResourceGroupName <System.String>

Specifies the name of the resource group to which the SQL Server is assigned.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServerName <System.String>

Specifies the name of the SQL Server.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.Ipv6FirewallRule.Model.AzureSqlServerIpv6FirewallRuleModel

NOTES

----- Example 1: Get all IPv6 rules for a server -----

```
Get-AzSqlServerIpv6FirewallRule -ResourceGroupName "ResourceGroup01" -ServerName "Server01"
```

ResourceGroupName : ResourceGroup01

ServerName : server01

StartIpv6Address : 0000:0000:0000:0000:0000:ffff:0000:0000

EndIpv6Address : 0000:0000:0000:0000:0000:ffff:0000:0001

Ipv6FirewallRuleName : Rule01

ResourceGroupName : ResourceGroup01

ServerName : Server01

StartIpv6Address : 0000:0000:0000:0000:0000:ffff:0000:0002

EndIpv6Address : 0000:0000:0000:0000:0000:ffff:0000:0003

Ipv6FirewallRuleName : Rule02

This command gets all the IPv6 firewall rules for the server named Server01.

-- Example 2: Get all IPv6 rules for a server using filtering --

```
Get-AzSqlServerIpv6FirewallRule -ResourceGroupName "ResourceGroup01" -ServerName "Server01"  
-Ipv6FirewallRuleName "Rule*"
```

ResourceGroupName : ResourceGroup01

ServerName : server01

StartIpv6Address : 0000:0000:0000:0000:0000:ffff:0000:0000

EndIpv6Address : 0000:0000:0000:0000:0000:ffff:0000:0001

Ipv6FirewallRuleName : Rule01

ResourceGroupName : ResourceGroup01

ServerName : Server01

StartIpv6Address : 0000:0000:0000:0000:0000:ffff:0000:0002

EndIpv6Address : 0000:0000:0000:0000:0000:ffff:0000:0003

Ipv6FirewallRuleName : Rule02

This command gets all the IPv6 firewall rules for the server named Server01 that start with "Rule".

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.sql/get-azsqlserveripv6firewallrule>

New-AzSqlServerIpv6FirewallRule

Remove-AzSqlServerIpv6FirewallRule

Set-AzSqlServerIpv6FirewallRule

SQL Database Documentation <https://learn.microsoft.com/azure/sql-database/>