



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

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

NAME

Get-AzSqlServerFirewallRule

SYNOPSIS

Gets firewall rules for a SQL Database server.

SYNTAX

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

DESCRIPTION

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

-FirewallRuleName <System.String>

Specifies the name of the 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.FirewallRule.Model.AzureSqlServerFirewallRuleModel

NOTES

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

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

ResourceGroupName : ResourceGroup01

ServerName : server01

StartIpAddress : 0.0.0.0

EndIpAddress : 0.0.0.0

FirewallRuleName : AllowAllWindowsAzureIps

ResourceGroupName : ResourceGroup01

ServerName : Server01

StartIpAddress : 1.2.3.4

EndIpAddress : 4.3.2.1

FirewallRuleName : Rule01

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

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

```
Get-AzSqlServerFirewallRule -ResourceGroupName "ResourceGroup01" -ServerName "Server01" -FirewallRuleName  
"Rule*"
```

ResourceGroupName : ResourceGroup01

ServerName : server01

StartIpAddress : 0.0.0.0

EndIpAddress : 0.0.0.0

FirewallRuleName : Rule01

ResourceGroupName : ResourceGroup01

ServerName : Server01

StartIpAddress : 1.2.3.4

EndIpAddress : 4.3.2.1

FirewallRuleName : Rule02

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

RELATED LINKS

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

[New-AzSqlServerFirewallRule](#)

[Remove-AzSqlServerFirewallRule](#)

[Set-AzSqlServerFirewallRule](#)

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