User Guide for manual execution of the script

**Script to Create, Edit & Delete Azure SQL Server Firewall Rules**

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| --- | --- |
| **Script written by** | Himabindu Thati |
| **Last modified/updated by** | No updates |
| **Script file name** | Set-AzureSQLServerFirewallRules.ps1 |
| **Purpose of the script** | This script will create, edit and delete Azure SQL Server firewall rules. |
| **Last update date** | 09-Aug-2016 |

**1. Script File Name:**

Set-AzureSQLServerFirewallRules.ps1

**2. Script File Attachment:**

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**3. Input Parameter Details:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Data Type** | **Is Mandatory?** | **Example Value** |
| ClientID | String | Yes | 123456789 |
| AzureUsername | String | Yes | [user@domain.com](mailto:user@domain.com) |
| AzurePassword | String | Yes | Password1234 |
| AzureSubscriptionID | String | Yes | Cdjkh-jhekf-gkjgkl9849-489ri |
| ResourceGroupName | String | Yes | Samplerg |
| SQLServerName | String | Yes | sampleserver |
| RuleDetails | String | Yes | Rule1:1.2.3.4:2.3.4.5:c,Rule2:::delete |

**Note:** RuleDetails parameter must be in the following formats

For firewall Rule creation:

**RuleName:StartingIP:EndingIP:c/create**

For Firewall Rule Edit:

**RuleName:StartingIP:EndingIP:e/edit**

For Firewall Rule deletion:

**RuleName:StartingIP(Optional):EndingIP(Optional):d/delete**

If you want to process multiple rules at a time then rules must be separated with “,”

**Ex: Rule1:1.2.3.4:2.3.4.5:c,Rule2:::d**

**4. Examples:**

*------Example1-----*

.\Set-AzureSQLServerFirewallRules.ps1 -ClientID 124 -AzureUserName himabindu.thati@netenrich.com -AzurePassword \*\*\*\*\*\* -AzureSubscriptionID ca68598c-ecc3-4abc-b7a2-1ecef33f278d -ResourceGroupName todelete -SQLServerName sampleser -RuleDetails Rule1:1.2.3.4:2.3.4.5:c,Rule2:::d

-----*Example2*--------

Import-Csv .\In.csv |.\ Set-AzureSQLServerFirewallRules.ps1

This command will run the script by reading the values required for input parameters from Input.csv file as specified below:

(Plain text/notepad view of the **In.csv**)

**ClientID,AzureUserName,AzurePassword,AzureSubscriptionID,ResourceGroupName,SQLServerName,RuleDetails**

124,himabindu.thati@netenrich.com,\*\*\*\*\*,ca68598c-ecc3-4abc-b7a2-1ecef33f278d,samplerg,sampleserver,"Rule1:1.2.3.4:2.3.4.5:c,Rule2:::d"