



Windows PowerShell Get-Help on Cmdlet 'Set-AzNotificationHubAuthorizationRule'

PS:\>Get-HELP Set-AzNotificationHubAuthorizationRule -Full

NAME

Set-AzNotificationHubAuthorizationRule

SYNOPSIS

Sets authorization rules for a notification hub.

SYNTAX

```
Set-AzNotificationHubAuthorizationRule [-ResourceGroup] <System.String> [-Namespace] <System.String>
[-NotificationHub] <System.String> [-InputFile] <System.String>
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Force] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Set-AzNotificationHubAuthorizationRule [-ResourceGroup] <System.String> [-Namespace] <System.String>
[-NotificationHub] <System.String> [-SASRule]
<Microsoft.Azure.Commands.NotificationHubs.Models.SharedAccessAuthorizationRuleAttributes> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] [-Confirm]
[-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The `Set-AzNotificationHubAuthorizationRule` cmdlet modifies a Shared Access Signature (SAS) authorization rule assigned to a notification hub. Authorization rules

manage access to your notification hubs by the creation of links, as URIs, based on different permission levels. Permission levels can be one of the following: -

Listen

- Send

- Manage

Clients are directed to one of these URIs based on the appropriate permission level. For example, a client given the Listen permission will be directed to the URI for

that permission. This cmdlet provides two ways to modify an authorization rule assigned to a notification hub. For one, you can create an instance of the

`SharedAccessAuthorizationRuleAttributes` object and then configure that object with the property values you want the rule to possess. You can configure the object

through the .NET Framework. You can then copy those property values to your rule by using `SASRule` parameter. Alternatively, you can create a JSON (JavaScript Object

Notation) file containing the relevant configuration values and then apply those values through the `InputFile` parameter. A JSON file is a text file that uses syntax

```
similar to this: {  "Name": "ContosoAuthorizationRule",
  "PrimaryKey": "WE4qH0398AyXjlekt56gg1gMR3NHoMs29KkUnnpUk01Y=",
  "Rights": [
    "Listen",
    "Send"
  ]
}
```

When used in conjunction with the `New-AzNotificationHubAuthorizationRule` cmdlet, the preceding JSON sample modifies an authorization rule named

`ContosoAuthorizationRule` in order to give users Listen and Send rights to the hub.

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

-Force <System.Management.Automation.SwitchParameter>

Do not ask for confirmation.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-InputFile <System.String>

Specifies the path to a JSON file containing configuration information for the new rule.

Required? true

Position? 3

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Namespace <System.String>

Specifies the namespace to which the notification hub is assigned. Namespaces provide a way to group and categorize notification hubs.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-NotificationHub <System.String>

Specifies the notification hub that this cmdlet assigns authorization rules to. Notification hubs are used to send push notifications to multiple clients regardless of the used by those clients.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroup <System.String>

Specifies the resource group to which the notification hub is assigned. Resource groups organize items such as namespaces, notification hubs, and authorization rules in ways that help simplify inventory management and Azure administration.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SASRule <Microsoft.Azure.Commands.NotificationHubs.Models.SharedAccessAuthorizationRuleAttributes>

Specifies the SharedAccessAuthorizationRuleAttributes object that contains configuration information for the authorization rules that are modified.

Required? true

Position? 3

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

System.String

OUTPUTS

NOTES

Example 1: Modify an authorization rule assigned to a notification hub

```
Set-AzNotificationHubAuthorizationRule -Namespace "ContosoNamespace" -ResourceGroup "ContosoNotificationGroup"  
-NotificationHub "ContosoExternalHub" -InputFile  
"C:\Configuration\AuthorizationRules.json"
```

This command modifies an authorization rule assigned to the notification hub named ContosoExternalHub. You must specify the namespace where the hub is located as well

as the resource group that the hub is assigned. Information about the rule that is modified is not included in the command itself. Instead, that information is found

in the input file C:\Configuration\AuthorizationRules.json.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.notificationhubs/set-aznotificationhubauthorizationrule>

Get-AzNotificationHubAuthorizationRule

New-AzNotificationHubAuthorizationRule

Remove-AzNotificationHubAuthorizationRule