

# Using Set-AzNotificationHubsNamespaceAuthorizationRules in PowerShell

In this article, we will explore the usage of the `Set-AzNotificationHubsNamespaceAuthorizationRules` cmdlet in PowerShell and its significance in the Windows environment. This cmdlet allows us to manage the authorization rules for a Notification Hubs namespace in Azure.

Notification Hubs is a scalable, push notification engine that enables you to send notifications to any platform, including iOS, Android, Windows, and more. It provides a unified API to send push notifications to multiple platforms, simplifying the development process. To secure access to your Notification Hubs namespace, authorization rules are used.

In the Windows environment, PowerShell is a powerful scripting language that allows system administrators to automate tasks and manage various components. With the `Set-AzNotificationHubsNamespaceAuthorizationRules` cmdlet, administrators can easily manage the authorization rules for their Notification Hubs namespace directly from PowerShell.

## Examples:

### 1. Granting Send permission to a specific application:

```
$namespace = Get-AzNotificationHubsNamespace -ResourceGroupName "MyResourceGroup" -NamespaceName "MyNamespace"
$rule = Get-AzNotificationHubsNamespaceAuthorizationRule -Namespace $namespace -AuthorizationRuleName "MyAuthorizationRule"
Set-AzNotificationHubsNamespaceAuthorizationRules -Namespace $namespace -AuthorizationRule $rule -SendAccess
```

### 2. Revoking Listen permission from an existing authorization rule:

```
$namespace = Get-AzNotificationHubsNamespace -ResourceGroupName "MyResourceGroup" -NamespaceName "MyNamespace"
$rule = Get-AzNotificationHubsNamespaceAuthorizationRule -Namespace $namespace -AuthorizationRuleName "MyAuthorizationRule"
Set-AzNotificationHubsNamespaceAuthorizationRules -Namespace $namespace -AuthorizationRule $rule -RemoveListenAccess
```

### 3. Adding Manage permission to an authorization rule:

```
$namespace = Get-AzNotificationHubsNamespace -ResourceGroupName "MyResourceGroup" -NamespaceName "MyNamespace"
$rule = Get-AzNotificationHubsNamespaceAuthorizationRule -Namespace $namespace -AuthorizationRuleName "MyAuthorizationRule"
Set-AzNotificationHubsNamespaceAuthorizationRules -Namespace $namespace -AuthorizationRule $rule -ManageAccess
```

