



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

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

NAME

Set-AzRoleDefinition

SYNOPSIS

Modifies a custom role in Azure RBAC. Provide the modified role definition either as a JSON file or as a PSRoleDefinition. First, use the Get-AzRoleDefinition command to retrieve the custom role that you wish to modify. Then, modify the properties that you wish to change. Finally, save the role definition using this command.

SYNTAX

```

Set-AzRoleDefinition [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InputFile
<System.String>
[-SkipClientSideScopeValidation] [<CommonParameters>]
```

```

Set-AzRoleDefinition [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Role
<Microsoft.Azure.Commands.Resources.Models.Authorization.PSRoleDefinition> [-SkipClientSideScopeValidation]
[<CommonParameters>]
```

DESCRIPTION

The Set-AzRoleDefinition cmdlet updates an existing custom role in Azure Role-Based Access Control. Provide the updated role definition as an input to the command as

a JSON file or a PSRoleDefinition object. The role definition for the updated custom role MUST contain the Id and all other required properties of the role even if

they are not updated: DisplayName, Description, Actions, AssignableScopes. NotActions, DataActions, NotDataActions are optional.

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

-InputFile <System.String>

File name containing a single json role definition to be updated. Only include the properties that are to be updated in the JSON. Id property is Required.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Role <Microsoft.Azure.Commands.Resources.Models.Authorization.PSRoleDefinition>

Role definition object to be updated

Required?	true
Position?	named
Default value	None
Accept pipeline input?	True (ByValue)
Accept wildcard characters?	false

-SkipClientSideScopeValidation <System.Management.Automation.SwitchParameter>

If specified, skip client side scope validation.

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

Microsoft.Azure.Commands.Resources.Models.Authorization.PSRoleDefinition

OUTPUTS

Microsoft.Azure.Commands.Resources.Models.Authorization.PSRoleDefinition

Keywords: azure, azurerm, arm, resource, management, manager, resource, group, template, deployment

----- Example 1: Update using PSRoleDefinitionObject -----

```
$roleDef = Get-AzRoleDefinition "Contoso On-Call"

$roleDef.Actions.Add("Microsoft.ClassicCompute/virtualmachines/start/action")

$roleDef.Description = "Can monitor all resources and start and restart virtual machines"

$roleDef.AssignableScopes = @("/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx",
"/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx")

Set-AzRoleDefinition -Role $roleDef
```

----- Example 2: Create using JSON file -----

```
Set-AzRoleDefinition -InputFile C:\Temp\roleDefinition.json
```

<#

Following is a sample updated role definition json for Set-AzRoleDefinition:

```
{
  "Id": "52a6cc13-ff92-47a8-a39b-2a8205c3087e",
  "Name": "Updated Role",
  "Description": "Can monitor all resources and start and restart virtual machines",
  "Actions":
  [
    "**/read",
    "Microsoft.ClassicCompute/virtualmachines/restart/action",
    "Microsoft.ClassicCompute/virtualmachines/start/action"
  ],
  "NotActions":
  [
```

```
    "*/*write"

  ],
  "DataActions":
  [
    "Microsoft.Storage/storageAccounts/blobServices/containers/blobs/read"
  ],
  "NotDataActions":
  [
    "Microsoft.Storage/storageAccounts/blobServices/containers/blobs/write"
  ],
  "AssignableScopes": ["/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"]
}

#>
```

RELATED LINKS

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

Get-AzProviderOperation

Get-AzRoleDefinition

New-AzRoleDefinition

Remove-AzRoleDefinition