



## ***Windows PowerShell Get-Help on Cmdlet 'Get-AzResourceGroupDeployment'***

***PS:\>Get-HELP Get-AzResourceGroupDeployment -Full***

### NAME

Get-AzResourceGroupDeployment

### SYNOPSIS

Gets the deployments in a resource group.

### SYNTAX

```
Get-AzResourceGroupDeployment [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Id <System.String>  
[-Pre]  
[<CommonParameters>]
```

```
Get-AzResourceGroupDeployment [-ResourceGroupName] <System.String> [[-Name] <System.String>] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Pre]  
[<CommonParameters>]
```

### DESCRIPTION

The Get-AzResourceGroupDeployment cmdlet gets the deployments in an Azure resource group. Specify the Name or Id

parameter to filter the results. By default,

Get-AzResourceGroupDeployment gets all deployments for a specified resource group. An Azure resource is a user-managed Azure entity, such as a database server,

database, or web site. An Azure resource group is a collection of Azure resources that are deployed as a unit. A deployment is the operation that makes the resources

in the resource group available for use. For more information about Azure resources and Azure resource groups, see the New-AzResourceGroup cmdlet. You can use this

cmdlet for tracking. For debugging, use this cmdlet with the Get-AzLog cmdlet.

## 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

-Id <System.String>

Specifies the ID of the resource group deployment to get.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the deployment to get. Wildcard characters are not permitted.

Required? false

Position? 1  
Default value None  
Accept pipeline input? True (ByPropertyName)  
Accept wildcard characters? false

-Pre <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet considers pre-release API versions when it automatically determines which version to use.

Required? false  
Position? named  
Default value False  
Accept pipeline input? False  
Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of a resource group. The cmdlet gets the deployments for the resource group that this parameter specifies. Wildcard characters are not permitted. This parameter is required and you can specify only one resource group in each command.

Required? true  
Position? 0  
Default value None  
Accept pipeline input? True (ByPropertyName)  
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

Microsoft.Azure.Commands.ResourceManager.Cmdlets.SdkModels.PSResourceGroupDeployment

## NOTES

----- Example 1: Get all deployments for a resource group -----

```
Get-AzResourceGroupDeployment -ResourceGroupName "ContosoLabsRG"
```

This command gets all deployments for the ContosoLabsRG resource group. The output shows a deployment for a WordPress blog that used a gallery template.

----- Example 2: Get a deployment by name -----

```
Get-AzResourceGroupDeployment -ResourceGroupName "ContosoLabsRG" -Name "DeployWebsite01"
```

This command gets the DeployWebsite01 deployment of the ContosoLabsRG resource group. You can assign a name to a deployment when you create it by using the

New-AzResourceGroup or New-AzResourceGroupDeployment cmdlets. If you do not assign a name, the cmdlets provide a default name based on the template that is used to create the deployment.

---- Example 3: Get the deployments of all resource groups ----

Get-AzResourceGroup | Get-AzResourceGroupDeployment | Format-Table ResourceGroupName, DeploymentName, ProvisioningState

This command gets all resource groups in your subscription by using the Get-AzResourceGroup cmdlet. The command passes the resource groups to the current cmdlet by

using the pipeline operator. The current cmdlet gets all deployments of all resource groups in the subscription, and passes the results to the Format-Table cmdlet to

display their ResourceGroupName , DeploymentName , and ProvisioningState property values.

#### RELATED LINKS

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

Get-AzResourceGroup

New-AzResourceGroup

New-AzResourceGroupDeployment

Remove-AzResourceGroupDeployment

Stop-AzResourceGroupDeployment

Test-AzResourceGroupDeployment