



Windows PowerShell Get-Help on Cmdlet 'Get-AzResourceGroupDeploymentWhatIfResult'

PS:\>Get-HELP Get-AzResourceGroupDeploymentWhatIfResult -Full

NAME

Get-AzResourceGroupDeploymentWhatIfResult

SYNOPSIS

Gets a template What-If result for a deployment at resource group scope.

SYNTAX

```

Get-AzResourceGroupDeploymentWhatIfResult [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-ExcludeChangeType <System.String[]>] [-Mode {Incremental | Complete}] [-Name <System.String>] [-Pre]
-ResourceGroupName <System.String> [-ResultFormat
{ResourceIdOnly | FullResourcePayloads}] [-SkipTemplateParameterPrompt] -TemplateFile <System.String>
[<CommonParameters>]

```

```

Get-AzResourceGroupDeploymentWhatIfResult [-DefaultProfile
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```

-TemplateParameterObject <System.Collections.Hashtable>

[<CommonParameters>]

Get-AzResourceGroupDeploymentWhatIfResult

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-TemplateParameterFile <System.String> [<CommonParameters>]

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-ResourceGroupName <System.String> [-ResultFormat

{ResourceIdOnly | FullResourcePayloads}] [-SkipTemplateParameterPrompt] -TemplateFile <System.String>

-TemplateParameterUri <System.String> [<CommonParameters>]

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[-ExcludeChangeType <System.String[]>] [-Mode {Incremental | Complete}] [-Name <System.String>] [-Pre]

-ResourceGroupName <System.String> [-ResultFormat

{ResourceIdOnly | FullResourcePayloads}] [-SkipTemplateParameterPrompt] -TemplateObject

<System.Collections.Hashtable> -TemplateParameterObject

<System.Collections.Hashtable> [<CommonParameters>]

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{ResourceIdOnly | FullResourcePayloads}] [-SkipTemplateParameterPrompt] -TemplateObject

<System.Collections.Hashtable> -TemplateParameterFile <System.String>

[<CommonParameters>]

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<System.Collections.Hashtable> -TemplateParameterUri <System.String>
[<CommonParameters>]

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{ResourceIdOnly | FullResourcePayloads}] [-SkipTemplateParameterPrompt] -TemplateObject
<System.Collections.Hashtable> [<CommonParameters>]

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-ResourceGroupName <System.String> [-ResultFormat
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-TemplateUri <System.String> [<CommonParameters>]

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-ResourceGroupName <System.String> [-ResultFormat
{ResourceIdOnly | FullResourcePayloads}] [-SkipTemplateParameterPrompt] -TemplateParameterFile <System.String>
-TemplateSpecId <System.String> [<CommonParameters>]

Get-AzResourceGroupDeploymentWhatIfResult [-DefaultProfile

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<System.Collections.Hashtable> -TemplateUri <System.String>
[<CommonParameters>]

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<System.Collections.Hashtable> -TemplateSpecId <System.String>
[<CommonParameters>]

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-ResourceGroupName <System.String> [-ResultFormat
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-TemplateUri <System.String> [<CommonParameters>]

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-TemplateSpecId <System.String> [<CommonParameters>]

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[-ExcludeChangeType <System.String[]>] [-Mode {Incremental | Complete}] [-Name <System.String>] [-Pre]
 -ResourceGroupName <System.String> [-ResultFormat
 {ResourceIdOnly | FullResourcePayloads}] [-SkipTemplateParameterPrompt] -TemplateSpecId <System.String>
 [<CommonParameters>]

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[-ExcludeChangeType <System.String[]>] [-Mode {Incremental | Complete}] [-Name <System.String>] [-Pre]
 -ResourceGroupName <System.String> [-ResultFormat
 {ResourceIdOnly | FullResourcePayloads}] [-SkipTemplateParameterPrompt] -TemplateUri <System.String>
 [<CommonParameters>]

DESCRIPTION

The `Get-AzResourceGroupDeploymentWhatIfResult` cmdlet gets the ARM template What-If result for a template deployment at the specified resource group scope. It returns

a list of changes indicating what resources will be updated if the deployment is applied without making any changes to real resources. To specify the format for the returning result, use the `ResultFormat` parameter.

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

-ExcludeChangeType <System.String[]>

Comma-separated resource change types to be excluded from What-If results.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Mode <Microsoft.Azure.Management.Resources.Models.DeploymentMode>

The deployment mode.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Name <System.String>

The name of the deployment it's going to create. If not specified, defaults to the template file name when a template file is provided; defaults to the current time when a template object is provided, e.g. "20131223140835".

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Pre <System.Management.Automation.SwitchParameter>

When set, indicates that the cmdlet should use pre-release API versions when automatically determining which version to use.

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

-ResourceGroupName <System.String>

The resource group name.

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

-ResultFormat <Microsoft.Azure.Management.Resources.Models.WhatIfResultFormat>

The What-If result format.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-SkipTemplateParameterPrompt <System.Management.Automation.SwitchParameter>

Skips the PowerShell dynamic parameter processing that checks if the provided template parameter contains all necessary parameters used by the template. This

check would prompt the user to provide a value for the missing parameters, but providing the

-SkipTemplateParameterPrompt will ignore this prompt and error out

immediately if a parameter was found not to be bound in the template. For non-interactive scripts,

-SkipTemplateParameterPrompt can be provided to provide a

better error message in the case where not all required parameters are satisfied.

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

-TemplateFile <System.String>

Local path to the template file. Supported template file type: json and bicep.

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

-TemplateObject <System.Collections.Hashtable>

A hash table which represents the template.

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

-TemplateParameterFile <System.String>

Parameter file to use for the template.

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

-TemplateParameterObject <System.Collections.Hashtable>

A hash table which represents the parameters.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TemplateParameterUri <System.String>

Uri to the template parameter file.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TemplateSpecId <System.String>

Resource ID of the templateSpec to be deployed.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TemplateUri <System.String>

Uri to the template file.

Required? true

Position? named

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.String

Microsoft.Azure.Management.ResourceManager.Models.DeploymentMode

System.Collections.Hashtable

OUTPUTS

Microsoft.Azure.Commands.ResourceManager.Cmdlets.SdkModels.Deployments.PSWhatIfOperationResult

NOTES

--- Example 1: Get a What-If result at resource group scope ---

```
-DeploymentName "deploy-01" `
-ResourceGroupName "myRG1" `
-TemplateFile "D:\Azure\Templates\ServiceTemplate.json" `
-TemplateParameterFile "D:\Azure\Templates\ServiceParameters.json" `
-ResultFormat "FullResourcePayloads"
```

This command gets a What-If result at the specified resource group scope by using a custom template file and a parameter file on disk. The command uses the

ResourceGroupName parameter to specify a resource group where the template will be deployed. The command uses the TemplateFile parameter to specify a template file.

The command uses the TemplateParameterFile parameter to specify a template parameter file. The command uses the ResultFormat parameter to set the What-If result to

include full resource payloads.

Example 2: Get a What-If result at resource group scope with ResourceIdOnly

```
Get-AzResourceGroupDeploymentWhatIfResult `
-DeploymentName "deploy-01" `
-ResourceGroupName "myRG1" `
-TemplateFile "D:\Azure\Templates\ServiceTemplate.json" `
-TemplateParameterFile "D:\Azure\Templates\ServiceParameters.json" `
-ResultFormat "ResourceIdOnly"
```

This command gets a What-If result at the specified resource group scope by using a custom template file and a parameter file on disk. The command uses the

ResourceGroupName parameter to specify a resource group where the template will be deployed. The command uses the TemplateFile parameter to specify a template file.

The command uses the TemplateParameterFile parameter to specify a template parameter file. The command uses the ResultFormat parameter to set the What-If result to

only contain resource IDs.

---- Example 3: Use a .bicepparam file to calculate What-If ----

```
Get-AzResourceGroupDeploymentWhatIfResult -ResourceGroupName "myRG1" -TemplateParameterFile  
"./parameters.bicepparam"
```

This command gets a What-If result at the resource group scope by using a .bicepparam file on disk. The command uses the TemplateParameterFile parameter to specify a .bicepparam file.

RELATED LINKS

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