



Windows PowerShell Get-Help on Cmdlet 'New-AzResourceGroupDeploymentStack'

PS:\>Get-HELP New-AzResourceGroupDeploymentStack -Full

NAME

New-AzResourceGroupDeploymentStack

SYNOPSIS

Creates a new Resource Group scoped Deployment Stack.

SYNTAX

```
New-AzResourceGroupDeploymentStack -ActionOnUnmanage {DetachAll | DeleteResources |
DeleteResourcesAndResourceGroups | DeleteAll} [-AsJob]
                                     [-BypassStackOutOfSyncError] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
                                     [-DenySettingsApplyToChildScopes] [-DenySettingsExcludedAction <System.String[]>] [-DenySettingsExcludedPrincipal
<System.String[]>] [-DenySettingsMode {None |
DenyDelete | DenyWriteAndDelete} [-Description <System.String>] [-Force] -Name <System.String> [-Pre] [-QueryString
<System.String>] -ResourceGroupName
<System.String> [-SkipTemplateParameterPrompt] [-Tag <System.Collections.Hashtable>] -TemplateFile
<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]
```

DeleteResourcesAndResourceGroups | DeleteAll} [-AsJob]

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

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<System.String>] -ResourceGroupName

<System.String> [-SkipTemplateParameterPrompt] [-Tag <System.Collections.Hashtable>] -TemplateFile

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

[-WhatIf] [<CommonParameters>]

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<System.String>] -ResourceGroupName

<System.String> [-SkipTemplateParameterPrompt] [-Tag <System.Collections.Hashtable>] -TemplateFile

<System.String> -TemplateParameterObject

<System.Collections.Hashtable> [-Confirm] [-WhatIf] [<CommonParameters>]

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<System.String> [-SkipTemplateParameterPrompt] [-Tag <System.Collections.Hashtable>] -TemplateParameterFile <System.String> -TemplateUri <System.String> [-Confirm]

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<System.String> [-SkipTemplateParameterPrompt] [-Tag <System.Collections.Hashtable>] -TemplateParameterFile <System.String> -TemplateSpecId <System.String> [-Confirm]

[-WhatIf] [<CommonParameters>]

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<System.String>] -ResourceGroupName

<System.String> [-SkipTemplateParameterPrompt] [-Tag <System.Collections.Hashtable>] -TemplateParameterObject

<System.Collections.Hashtable> -TemplateUri

<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

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<System.String>] -ResourceGroupName
<System.String> [-SkipTemplateParameterPrompt] [-Tag <System.Collections.Hashtable>] -TemplateParameterUri
<System.String> -TemplateUri <System.String> [-Confirm]
[-WhatIf] [<CommonParameters>]

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<System.String>] -ResourceGroupName
<System.String> [-SkipTemplateParameterPrompt] [-Tag <System.Collections.Hashtable>] -TemplateParameterUri
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<System.String>] -ResourceGroupName
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<System.String>] -ResourceGroupName
    <System.String> [-SkipTemplateParameterPrompt] [-Tag <System.Collections.Hashtable>] -TemplateUri
<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

Create a resource group scoped deployment stack.

PARAMETERS

-ActionOnUnmanage

```
<Microsoft.Azure.Commands.ResourceManager.Cmdlets.SdkModels.DeploymentStacks.PSActionOnUnmanage>
```

Action to take on resources that become unmanaged on deletion or update of the deployment stack. Possible values include: 'detachAll' (do not delete any unmanaged

resources), 'deleteResources' (delete all unmanaged resources that are not RGs or MGs), and 'deleteAll' (delete every unmanaged resource).

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

```
-AsJob <System.Management.Automation.SwitchParameter>
```

Run cmdlet in the background.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-BypassStackOutOfSyncError <System.Management.Automation.SwitchParameter>

Bypass errors for the stack being out of sync when running the operation. If the stack is out of sync and this parameter is not set, the operation will fail. Only

include this parameter if instructed to do so on a failed stack operation.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-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

-DenySettingsApplyToChildScopes <System.Management.Automation.SwitchParameter>

Apply to child scopes.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-DenySettingsExcludedAction <System.String[]>

List of role-based management operations that are excluded from the denySettings. Up to 200 actions are permitted.

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

-DenySettingsExcludedPrincipal <System.String[]>

List of AAD principal IDs excluded from the lock. Up to 5 principals are permitted.

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

-DenySettingsMode <Microsoft.Azure.Commands.ResourceManager.Cmdlets.SdkModels.PSDenySettingsMode>

Mode for DenySettings. Possible values include: 'denyDelete', 'denyWriteAndDelete', and 'none'.

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

-Description <System.String>

Description for the stack.

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

Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Do not ask for confirmation when overwriting an existing stack.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

The name of the DeploymentStack to create.

Required? true

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

-QueryString <System.String>

The query string (for example, a SAS token) to be used with the TemplateUri parameter. Would be used in case of linked templates

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

-ResourceGroupName <System.String>

The name of the ResourceGroup to be used.

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

-Tag <System.Collections.Hashtable>

The tags to put on the deployment.

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

-TemplateFile <System.String>

TemplateFile to be used to create the stack.

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>

Location of the Parameter file to use for the template.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TemplateSpecId <System.String>

ResourceId of the TemplateSpec to be used to create the stack.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TemplateUri <System.String>

Location of the Template to be used to create the stack.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

System.Collections.Hashtable

OUTPUTS

Microsoft.Azure.Commands.ResourceManager.Cmdlets.SdkModels.PSDeploymentStack

Example 1: Create the stack MyRGStack in the Resource Group MyResourceGroup

```
New-AzResourceGroupDeploymentStack -Name MyRGStack -ResourceGroupName MyResourceGroup -TemplateFile  
myTemplate.json -DenySettingsMode DenyDelete
```

Create a new resource group scoped deployment stack named 'MyRGStack' in management group 'MyResourceGroup,' with deny settings being DenyDelete.

----- Example 2: Use a .bicepparam file to create a stack -----

```
New-AzResourceGroupDeploymentStack -Name MyRGStack -ResourceGroupName MyResourceGroup  
-DenySettingsMode DenyDelete -TemplateParameterFile ".\parameters.bicepparam"
```

This command creates a new stack at the resource group scope by using a .bicepparam file on disk.

RELATED LINKS

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