



## ***Windows PowerShell Get-Help on Cmdlet 'New-AzManagementGroupDeploymentStack'***

***PS:\>Get-HELP New-AzManagementGroupDeploymentStack -Full***

### NAME

New-AzManagementGroupDeploymentStack

### SYNOPSIS

Creates a new Management Group scoped Deployment Stack.

### SYNTAX

```
New-AzManagementGroupDeploymentStack -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} [-DeploymentSubscriptionId <System.String>] [-Description <System.String>] [-Force]
-Location <System.String> -ManagementGroupId
<System.String> -Name <System.String> [-Pre] [-QueryString <System.String>] [-SkipTemplateParameterPrompt] [-Tag
<System.Collections.Hashtable>] -TemplateFile
<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]
```

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<System.String> -Name <System.String> [-Pre] [-QueryString <System.String>] [-SkipTemplateParameterPrompt] [-Tag

```

<System.Collections.Hashtable>] -TemplateFile

<System.String> -TemplateParameterObject <System.Collections.Hashtable> [-Confirm] [-WhatIf]

[<CommonParameters>]

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<System.Collections.Hashtable>]  
-TemplateParameterObject <System.Collections.Hashtable> -TemplateUri <System.String> [-Confirm] [-WhatIf]  
[<CommonParameters>]
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<System.String[]>] -DenySettingsMode {None |
DenyDelete | DenyWriteAndDelete} [-DeploymentSubscriptionId <System.String>] [-Description <System.String>] [-Force]
-Location <System.String> -ManagementGroupId

```

```

    <System.String> -Name <System.String> [-Pre] [-QueryString <System.String>] [-SkipTemplateParameterPrompt] [-Tag
<System.Collections.Hashtable>] -TemplateSpecId
    <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

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

```

## DESCRIPTION

Create a management 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



-DeploymentSubscriptionId <System.String>

The subscription id at which the deployment should be created.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

-Location <System.String>

Location of the stack

Required? true

Position? named

Default value           None

Accept pipeline input?    True (ByPropertyName)

Accept wildcard characters? false

-ManagementGroupId <System.String>

The id of the management group that the deploymentStack will be deployed into.

Required?                true

Position?                named

Default value           None

Accept pipeline input?    True (ByPropertyName)

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 |

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

#### INPUTS

System.String

System.Collections.Hashtable

#### OUTPUTS

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

#### NOTES

Example 1: Creates a new stack MyMGStack at the MyManagementGroup management group and deploys it into the child subscription MySubId

```
New-AzManagementGroupDeploymentStack -Name MyMGStack -ManagementGroupId MyMangementGroup  
-DeploymentSubscriptionId MySubId -TemplateFile myTemplate.json -Location  
westus -DenySettingsMode DenyDelete
```

Create a new management group scoped deployment stack named 'MyMGStack' in management group 'MyManagementGroup,' with the scope of the underlying deployment being MySubId and deny settings being DenyDelete.

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

```
New-AzManagementGroupDeploymentStack -Name MyMGStack -ManagementGroupId MyMangementGroup  
-DeploymentSubscriptionId MySubId -Location westus -DenySettingsMode  
DenyDelete -TemplateParameterFile "./parameters.bicepparam"
```

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

## RELATED LINKS

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