



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

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

NAME

New-AzCapacityReservation

SYNOPSIS

Creates a Capacity Reservation resource in a Capacity Reservation Group

SYNTAX

```
New-AzCapacityReservation [-AsJob] -CapacityToReserve <System.Int32> [-DefaultProfile  
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Location  
<System.String> -Name <System.String> -ReservationGroupName  
    <System.String> -ResourceGroupName <System.String> -Sku <System.String> [-Tag <System.Collections.Hashtable>]  
[-Zone <System.String[]>] [-Confirm] [-WhatIf]  
[<CommonParameters>]
```

DESCRIPTION

The New-AzCapacityReservation cmdlet creates a Capacity Reservation resource in a Capacity Reservation Group

PARAMETERS

-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

-CapacityToReserve <System.Int32>

Specifies the number of virtual machines in the scale set.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

-Location <System.String>

Specifies the location.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the capacity reservation resource.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ReservationGroupName <System.String>

Specifies the name of the capacity reservation group.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-ResourceGroupName <System.String>

Specifies the name of a resource group.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Sku <System.String>

SKU of the resource for which capacity needs be reserved.

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

-Tag <System.Collections.Hashtable>

Specifies that resources and resource groups can be tagged with a set of name-value pairs. Adding tags to resources enables you to group resources together across resource groups and to create your own views. Each resource or resource group can have a maximum of 15 tags.

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

-Zone <System.String[]>

Availability Zone to use for this capacity reservation.

Required? false
Position? named
Default value None
Accept pipeline input? False
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.Int32

System.Collections.Hashtable

OUTPUTS

Microsoft.Azure.Commands.Compute.Automation.Models.PSCapacityReservation

NOTES

----- Example 1 -----

```
New-AzCapacityReservation -ResourceGroupName "myRG" -Location "eastus" -ReservationGroupName  
"myCapacityReservationGroup" -Name "myCapacityReservation" -Sku  
"Standard_DS1_v2" -CapacityToReserve 4
```

This command will create a Capacity Reservation resource with the provided sku and capacity in the Capacity Reservation Group named "myCapacityReservationGroup".

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.compute/new-azcapacityreservation>