



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

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

NAME

New-AzProximityPlacementGroup

SYNOPSIS

Create Proximity Placement Group resource.

SYNTAX

```
New-AzProximityPlacementGroup [-ResourceGroupName] <System.String> [-Name] <System.String> [-Location]
<System.String> [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-IntentVMSizeList
<System.String[]>] [-ProximityPlacementGroupType
<System.String>] [-Tag <System.Collections.Hashtable>] [-Zone <System.String[]>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

This cmdlet will create Proximity Placement Group resource.

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

-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

-IntentVMSizeList <System.String[]>

Specifies possible sizes of virtual machines that can be created in the proximity placement group.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Location <System.String>

Resource location

Required? true

Position? 2

Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Name <System.String>

The name of the proximity placement group.

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

-ProximityPlacementGroupType <System.String>

Specifies the type of the proximity placement group. Possible values are: Standard or Ultra

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

-ResourceGroupName <System.String>

The name of the resource group.

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

-Tag <System.Collections.Hashtable>

Resource tags

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

-Zone <System.String[]>

Specifies the Availability Zone where virtual machine, virtual machine scale set or availability set associated with the proximity placement group can be created.

Required? false
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

OUTPUTS

Microsoft.Azure.Commands.Compute.Automation.Models.PSPximityPlacementGroup

NOTES

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

```
New-AzProximityPlacementGroup -ResourceGroupName $resourceGroupName -Name
$proximityPlacementGroupName -Location $location -Tag @{key1 = "val1"}
```

ResourceGroupName : rg0

ProximityPlacementGroupType : Standard

Id :

/subscriptions/5393f919-a68a-43d0-9063-4b2bda6bffd/resourceGroups/rg0/providers/Microsoft.Compute/proximityPlaceme
ntGroups/ppg0

Name : ppg0
Type : Microsoft.Compute/proximityPlacementGroups
Location : westcentralus
Tags : {"key1":"val1"}

This command creates a proximity place group in the given location.

----- Example 2 -----

```
New-AzProximityPlacementGroup -Location westus -Name 'AgentPool01' -ProximityPlacementGroupType <String>  
-ResourceGroupName myresourcegroup
```

----- Example 3 -----

```
$ResourceGroupName = <Resource Group Name>  
$PPGName = <PPG Name>  
$Location = <Azure Region>  
  
# Use the VM Sizes and Zone that you want to use for the Zone and IntentVMSizeList parameters.  
  
New-AzProximityPlacementGroup -ResourceGroupName $ResourceGroupName -Name $PPGName -Location  
$Location -Zone '1' -IntentVMSizeList 'Standard_D4d_v4',  
'Standard_D4d_v5';  
  
$ppg = Get-AzProximityPlacementGroup -ResourceGroupName $ResourceGroupName -Name $PPGName;  
  
# View the new values at $ppg.Intent.VmSizes[0], $ppg.Intent.VmSizes[1], and $ppg.Zones[0].
```

RELATED LINKS

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