



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

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

NAME

New-AzAvailabilitySet

SYNOPSIS

Creates an Azure availability set.

SYNTAX

```
New-AzAvailabilitySet [-ResourceGroupName] <System.String> [-Name] <System.String> [-Location] <System.String>
[[-PlatformUpdateDomainCount]
    <System.Nullable`1[System.Int32]>] [[-PlatformFaultDomainCount] <System.Nullable`1[System.Int32]>] [[-Sku]
<System.String>] [-AsJob] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-ProximityPlacementGroupId <System.String>] [-Tag
    <System.Collections.Hashtable>] [<CommonParameters>]
```

DESCRIPTION

The New-AzAvailabilitySet cmdlet creates an Azure availability set.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background and return a Job to track progress.

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

-Location <System.String>

Specifies the location for the availability set.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Name <System.String>

Specifies a name for the availability set.

Required? true

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

-PlatformFaultDomainCount <System.Nullable`1[System.Int32]>

Specifies the platform fault domain count.

Required? false
Position? 4
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-PlatformUpdateDomainCount <System.Nullable`1[System.Int32]>

Specifies the platform update domain count.

Required? false
Position? 3
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ProximityPlacementGroupId <System.String>

The resource id of the Proximity Placement Group to use with this availability set.

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

-ResourceGroupName <System.String>

Specifies the name of a resource group.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Sku <System.String>

The Name of Sku. The acceptable values for this parameter are: - Aligned: For managed disks

- Classic: For unmanaged disks

Required? false

Position? 5

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Key-value pairs in the form of a hash table.

Required? false

Position? named

Default value None

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.Nullable`1[[System.Int32, System.Private.CoreLib, Version=4.0.0.0, Culture=neutral, PublicKeyToken=7cec85d7bea7798e]]

OUTPUTS

Microsoft.Azure.Commands.Compute.Models.PSAvailabilitySet

NOTES

----- Example 1: Create an availability set -----

New-AzAvailabilitySet -ResourceGroupName "ResourceGroup11" -Name "AvailabilitySet03" -Location "West US"

This command creates an availability set named AvailabilitySet03 in the resource group named ResourceGroup11.

RELATED LINKS

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

Get-AzAvailabilitySet

Remove-AzAvailabilitySet

