



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

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

NAME

New-AzHostGroup

SYNOPSIS

Creates a host group.

SYNTAX

```
New-AzHostGroup [-ResourceGroupName] <System.String> [-Name] <System.String> [-Location] <System.String>
[-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EnableUltraSSD]
-PlatformFaultDomain <System.Int32>
[-SupportAutomaticPlacement <System.Boolean>] [-Tag <System.Collections.Hashtable>] [-Zone <System.String[]>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

This cmdlet will create a Host 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

-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

-EnableUltraSSD <System.Management.Automation.SwitchParameter>

The flag that enables or disables a capability to have UltraSSD Enabled Virtual Machines on Dedicated Hosts of the Dedicated Host Group. For the Virtual Machines

to be UltraSSD Enabled, UltraSSDEnabled flag for the resource needs to be set true as well. Please refer to

<https://learn.microsoft.com/en-us/azure/virtual-machines/disks-enable-ultra-ssd> for more details on Ultra SSD feature.

The ultraSSDEnabled setting can only be

enabled for Host Groups that are created as zonal.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Location <System.String>

Specifies location.

Required? true

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the host group.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PlatformFaultDomain <System.Int32>

Specifies the number of fault domains that the host group can span. The minimum value is 1 and the maximum value is 3.

Required? true

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

-SupportAutomaticPlacement <System.Boolean>

Specifies if HostGroup will enable automatic placement of vm's. Automatic placement means these VMs are placed on dedicated hosts, chosen by Azure, under the dedicated host group. If not specified, default value will be false.

Required? false

Position? named

Default value True

Accept pipeline input? False

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Specifies Tags

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Zone <System.String[]>

Specifies Zones of the host group.

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

OUTPUTS

Microsoft.Azure.Commands.Compute.Automation.Models.PSHostGroup

NOTES

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

```
New-AzHostGroup -ResourceGroupName $resourceGroupName -Name $hostGroupName -Location $location -Zone $zone
```

ResourceGroupName : myrg01

PlatformFaultDomainCount : 2

Hosts :

```
{/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/myrg01/providers/Microsoft.Compute/hostGroups/myhostgroup01/hosts/myhost01}
```

Zones : {1}

Id :

```
/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/myrg01/providers/Microsoft.Compute/hostGroups/myhostgroup01
```

Name : myhostgroup01

Location : eastus

Tags : {[key1, val1]}

This command creates a host group in the given location and zone.

RELATED LINKS

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

