



Windows PowerShell Get-Help on Cmdlet 'Get-AzHost'

PS:\>Get-HELP Get-AzHost -Full

NAME

Get-AzHost

SYNOPSIS

Get or list hosts.

SYNTAX

```
Get-AzHost [-ResourceGroupName] <System.String> [-HostGroupName] <System.String> [[-Name] <System.String>]
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-InstanceView]
[<CommonParameters>]
```

DESCRIPTION

This cmdlet will get a host in a host group. This cmdlet also lists all hosts in a host group if a host name is not given.

PARAMETERS

-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

-HostGroupName <System.String>

The name of the host group.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-InstanceView <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet gets only the instance view of the host.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

The name of the host.

Required? false
Position? 2
Default value None
Accept pipeline input? True (ByPropertyName)
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

-ResourceId <System.String>

The ID of the resource.

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

OUTPUTS

Microsoft.Azure.Commands.Compute.Automation.Models.PSHost

NOTES

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

Get-AzHost -ResourceGroupName \$resourceGroupName -HostGroupName \$hostGroupName -Name \$hostName

ResourceGroupName : myrg01

PlatformFaultDomain : 1

AutoReplaceOnFailure : True

HostId : 00000000-0000-0000-0000-000000000000

VirtualMachines[0] :

Id :

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/myrg01/providers/Microsoft.Compute/virtualMachines/myvm01

VirtualMachines[1] :

Id :

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/myrg01/providers/Microsoft.Compute/virtualMachines/myvm02

ProvisioningTime : 7/27/2019 3:22:59 AM

ProvisioningState : Succeeded

Sku :

Name : ESv3-Type1

Id

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

Name : myhost01
Location : eastus
Tags : {"key1":"val2"}

This command returns a host.

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

Get-AzHost -ResourceGroupName \$resourceGroupName -HostGroupName \$hostGroupName -Name \$hostName
-InstanceView

ResourceGroupName : myrg01
PlatformFaultDomain : 0
AutoReplaceOnFailure : True
HostId : 00000000-0000-0000-0000-000000000000
ProvisioningTime : 8/19/2019 9:13:19 PM
ProvisioningState : Succeeded
InstanceView :
AssetId : 00000000-0000-0000-0000-000000000000
AvailableCapacity :
AllocatableVMs[0] :
VmSize : Standard_E2s_v3
Count : 28
AllocatableVMs[1] :
VmSize : Standard_E4-2s_v3
Count : 14
AllocatableVMs[2] :
VmSize : Standard_E4s_v3
Count : 14
Statuses[0] :

```

Code       : ProvisioningState/succeeded
Level      : Info
DisplayStatus : Provisioning succeeded
Time       : 8/19/2019 9:13:19 PM
Statuses[1] :
Code       : HealthState/available
Level      : Info
DisplayStatus : Host available
Sku        :
Name       : ESv3-Type1
Id         :
/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/myrg01/providers/Microsoft.Compute/hostGroup
s/myhostgroup01/hosts/myhost01
Name       : crptestps2264host
Location   : eastus
Tags       : {"key1":"val2"}

```

This command returns the instance view of a host.

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

```
Get-AzHost -ResourceGroupName $resourceGroupName -HostGroupName $hostGroupName
```

ResourceGroupName	Name	Location	Tags	Sku	FD
myrg01	myhost01	eastus	{[key1, val2]}	ESv3-Type1	0
myrg01	myhost02	eastus	{[key1, val2]}	ESv3-Type1	1

This command returns all hosts in the given host group.

```

$rgname = "rgname"

$loc = "eastus"

$hostGroupName = $rgname + "HostGroup"

$hostName = $rgname + "Host"

$Sku = "ESv3-Type1"

# Create Hostgroup and Hostgroupname

New-AzHostGroup -ResourceGroupName $rgname -Name $hostGroupName -Location $loc -PlatformFaultDomain 1
-Zone "2"

New-AzHost -ResourceGroupName $rgname -HostGroupName $hostGroupName -Name $hostName -Location $loc
-Sku $Sku

# Fetch Host using -ResourceId

$dedicatedHost = Get-AzHost -ResourceGroupName $rgname -HostGroupName $hostGroupName -Name $hostName

$host = Get-AzHost -ResourceId $dedicatedHost.Id

ResourceGroupName : rgname

PlatformFaultDomain : 0

AutoReplaceOnFailure : True

HostId : 0730655b-051d-4559-a83a-5d579d15fec2

ProvisioningTime : 10/14/2022 7:28:47 AM

ProvisioningState : Succeeded

Sku :

Name : ESv3-Type1

Id :

/subscriptions/e37510d7-33b6-4676-886f-ee75bcc01871/resourceGroups/rgname/providers/Microsoft.Compute/hostGroups
/rgnameHostGroup/hosts/rgnameHost

Name : rgnameHost

Type : Microsoft.Compute/hostGroups/hosts

Location : eastus

Tags : {}

```

RELATED LINKS

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