



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

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

NAME

Get-AzVMSize

SYNOPSIS

Gets available virtual machine sizes.

SYNTAX

```
Get-AzVMSize [-ResourceGroupName] <System.String> [-AvailabilitySetName] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Get-AzVMSize [-Location] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Get-AzVMSize [-ResourceGroupName] <System.String> [-VMName] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

DESCRIPTION

The Get-AzVMSize cmdlet gets available virtual machine sizes.

PARAMETERS

-AvailabilitySetName <System.String>

Specifies the name of the Availability Set for which this cmdlet gets the available virtual machine sizes.

Required? true

Position? 1

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 for which this cmdlet gets the available virtual machine sizes.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group of the virtual machine.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-VMName <System.String>

Specifies the name of the virtual machine that this cmdlet gets the available virtual machine sizes for resizing.

Required? true

Position? 1

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.Models.PSVirtualMachineSize

NOTES

----- Example 1: Get virtual machine sizes for a location -----

```
Get-AzVMSize -Location "Central US"
```

This command gets the available sizes for virtual machines in the specified location.

----- Example 2: Get sizes for an availability set -----

```
Get-AzVMSize -ResourceGroupName "ResourceGroup03" -AvailabilitySetName "AvailabilitySet17"
```

This command gets available sizes for virtual machines that you can deploy in the availability set named AvailabilitySet17.

----- Example 3: Get sizes for an existing virtual machine -----

```
Get-AzVMSize -ResourceGroupName "ResourceGroup03" -VMName "VirtualMachine12"
```

This command gets available sizes for the existing virtual machine named VirtualMachine12. You can resize this virtual machine to the sizes that this command gets.

RELATED LINKS

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

Get-AzVM

