



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

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

NAME

Get-AzBatchSupportedImage

SYNOPSIS

Gets Batch supported images for a Batch account.

SYNTAX

```
Get-AzBatchSupportedImage -BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Filter  
<System.String>] [-MaxCount <System.Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-AzBatchSupportedImage cmdlet gets supported virtual machine images that are available in an Azure Batch account. Specify the account by using the BatchContext parameter.

PARAMETERS

-BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext>

The BatchAccountContext instance to use when interacting with the Batch service. If you use the Get-AzBatchAccount cmdlet to get your BatchAccountContext, then

Microsoft Entra authentication will be used when interacting with the Batch service. To use shared key authentication instead, use the Get-AzBatchAccountKey

cmdlet to get a BatchAccountContext object with its access keys populated. When using shared key authentication, the primary access key is used by default. To

change the key to use, set the BatchAccountContext.KeyInUse property.

Required?	true
Position?	named
Default value	None
Accept pipeline input?	True (ByValue)
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

-Filter <System.String>

Specifies an OData filter clause for supported images. If you do not specify a filter, this cmdlet returns all images the Batch account supports.

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

-MaxCount <System.Int32>

Specifies the maximum number of supported images to return.

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

Microsoft.Azure.Commands.Batch.BatchAccountContext

OUTPUTS

Microsoft.Azure.Commands.Batch.Models.PSImageInformation

NOTES

----- Example 1: Get all available supported images -----

```
$Context = Get-AzBatchAccountKey -AccountName "ContosoBatchAccount"
```

```
Get-AzBatchSupportedImage -BatchContext $Context
```

```
BatchSupportEndOfLife :
```

```
Capabilities          :
```

```
ImageReference        : canonical:ubuntu:16.04-lts:latest
```

```
NodeAgentSkuld         : batch.node.ubuntu 16.04
```

```
OSType                 : Linux
```

```
VerificationType       : Verified
```

```
BatchSupportEndOfLife :
```

```
Capabilities          :
```

```
ImageReference        : canonical:ubuntu:18.04-lts:latest
```

```
NodeAgentSkuld         : batch.node.ubuntu 18.04
```

```
OSType                 : Linux
```

```
VerificationType       : Verified
```

```
BatchSupportEndOfLife :
```

```
Capabilities          :
```

```
ImageReference        : credativ:debian:8:latest
```

```
NodeAgentSkuld         : batch.node.debian 8
```

```
OSType                 : Linux
```

```
VerificationType       : Verified
```

```
BatchSupportEndOfLife :
```

```
Capabilities          :
```

```
ImageReference        : microsoftwindowsserver:windowsserver:2016-datacenter:latest
```

```
NodeAgentSkuld         : batch.node.windows amd64
```

```
OSType                 : Windows
```

```
VerificationType       : Verified
```

```
...
```

The first command gets a Batch account context that contains access keys for your subscription by using `Get-AzBatchAccountKey`. The command stores the context in the

`$Context` variable to use in the next command. The second command gets all available supported images for that Batch account.

RELATED LINKS

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

`Get-AzBatchAccountKey`