



Windows PowerShell Get-Help on Cmdlet 'Import-AzContainerRegistryImage'

PS:\>Get-HELP Import-AzContainerRegistryImage -Full

NAME

Import-AzContainerRegistryImage

SYNOPSIS

Copies an image to this container registry from the specified container registry.

SYNTAX

```
Import-AzContainerRegistryImage -RegistryName <String> -ResourceGroupName <String> [-SubscriptionId <String>]
-SourceImage <String> [-Mode <ImportMode>] [-Password
    <String>] [-SourceRegistryUri <String>] [-SourceResourceId <String>] [-TargetTag <String[]>]
[-UntaggedTargetRepository <String[]>] [-Username <String>]
    [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
    <SendAsyncStep[]>] [-NoWait] [-PassThru] [-Proxy <Uri>]
    [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

```
Import-AzContainerRegistryImage -RegistryName <String> -ResourceGroupName <String> [-SubscriptionId <String>]
-Parameter <IImportImageParameters> [-DefaultProfile
    <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>]
[-NoWait] [-PassThru] [-Proxy <Uri>] [-ProxyCredential
```

<PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Copies an image to this container registry from the specified container registry.

PARAMETERS

-RegistryName <String>

The name of the container registry.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

The value must be an UUID.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Parameter <ImportImageParameters>

.

To construct, see NOTES section for PARAMETER properties and create a hash table.

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

Accept wildcard characters? false

-SourceImage <String>

Repository name of the source image.Specify an image by repository ('hello-world').

This will use the 'latest' tag.Specify an image by tag ('hello-world:latest').Specify an image by sha256-based manifest digest ('hello-world@sha256:abc123').

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Mode <ImportMode>

When Force, any existing target tags will be overwritten.

When NoForce, any existing target tags will fail the operation before any copying begins.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Password <String>

The password used to authenticate with the source registry.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SourceRegistryUri <String>

The address of the source registry (e.g.
'mcr.microsoft.com').

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SourceResourceId <String>

The resource identifier of the source Azure Container Registry.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TargetTag <String[]>

List of strings of the form repo[:tag].

When tag is omitted the source will be used (or 'latest' if source tag is also omitted).

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-UntaggedTargetRepository <String[]>

List of strings of repository names to do a manifest only copy.
No tag will be created.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Username <String>

The username to authenticate with the source registry.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.
Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

Required? false
Position? named
Default value

Accept pipeline input? false

Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-NoWait [<SwitchParameter>]

Run the command asynchronously

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-PassThru [<SwitchParameter>]

Returns true when the command succeeds

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false

Position? named

Default value

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.PowerShell.Cmdlets.ContainerRegistry.Models.Api202301Preview.ImportImageParameters

OUTPUTS

System.Boolean

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run `Get-Help`

`about_Hash_Tables`.

PARAMETER <ImportImageParameters>: .

SourceImage <String>: Repository name of the source image. Specify an image by repository ('hello-world').

This will use the 'latest' tag.

Specify an image by tag ('hello-world:latest'). Specify an image by sha256-based manifest digest ('hello-world@sha256:abc123').

[CredentialsPassword <String>]: The password used to authenticate with the source registry.

[CredentialsUsername <String>]: The username to authenticate with the source registry.

[Mode <ImportMode?>]: When Force, any existing target tags will be overwritten. When NoForce, any existing target tags will fail the operation before any

copying begins.

[SourceRegistryUri <String>]: The address of the source registry (e.g. 'mcr.microsoft.com').

[SourceResourceId <String>]: The resource identifier of the source Azure Container Registry.

[TargetTag <String[]>]: List of strings of the form repo[:tag]. When tag is omitted the source will be used (or 'latest' if source tag is also omitted).

[UntaggedTargetRepository <String[]>]: List of strings of repository names to do a manifest only copy. No tag will be created.

----- EXAMPLE 1 -----

```
PS C:\>Import-AzContainerRegistryImage -SourceImage library/busybox:latest -ResourceGroupName  
$resourceGroupName -RegistryName $RegistryName -SourceRegistryUri  
docker.io -TargetTag busybox:latest
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.containerregistry/import-azcontainerregistryimage>