PowerShell Get-Help on command 'Get-AppxPackage'

PS C:\Users\wahid> Get-Help Get-AppxPackage

NAME

Get-AppxPackage

SYNOPSIS

Gets a list of the app packages that are installed in a user profile.

SYNTAX

```
Get-AppxPackage [[-Name] <System.String>] [[-Publisher] <System.String>]
[-AllUsers] [-PackageTypeFilter {None | Main | Framework | Resource | Bundle |
Xap | Optional}] [-User <System.String>] [-Volume <AppxVolume>]
[<CommonParameters>]
```

DESCRIPTION

The `Get-AppxPackage` cmdlet gets a list of the app packages that are installed in a user profile. An app package has an `.msix` or `.appx` file extension. To get the list of packages for a user profile other than the profile for the current user, you must run this command with administrator permissions.

PARAMETERS

-AllUsers <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet lists app packages for all user accounts on the computer. To use this parameter, you must run the command with administrator permissions.

-Name <System.String>

Specifies the name of a particular package. If you specify this parameter, the cmdlet returns results for this package only. Wildcards are permitted.

-PackageTypeFilter <PackageTypes>

Specifies one or more comma-separated types of packages that the cmdlet gets from the package repository.

By default, this cmdlet returns only packages of types `Main` and `Framework`.

-Publisher <System.String>

Specifies the publisher of a particular package. If you specify this parameter, the cmdlet returns results only for this publisher. Wildcards are permitted.

-User <System.String>

Specifies a user. If you specify this parameter, the cmdlet returns a list of app packages that are installed for only the user that this cmdlet specifies. To get the list of packages for a user profile other than the profile for the current user, you must run this command with administrator permissions. The user name can be in one of these formats:

- `domain\user_name`

- `user_name@fqn.domain.tld`

- `user_name`

- `SID-string`

-Volume <AppxVolume>

Specifies an AppxVolume object. If you specify this parameter, this cmdlet returns only packages that are relative to volume that this parameter specifies.

<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).

---- Example 1: Get all app packages for every user account ----

```
Get-AppxPackage -AllUsers
```

This command lists the app packages that are installed for every user account on the computer.

----- Example 2: Get an app package for a specific a user -----

```
Get-AppxPackage -Name "Package17" -User "Contoso\EvanNarvaez"
```

This command displays information about `Package17` if it's installed in the specified user profile.

----- Example 3: Get a particular app package information -----

```
Get-AppxPackage -Name Microsoft.ScreenSketch
```

This command displays information about the ScreenSketch app.

-- Example 4: Get all app packages for a particular Publisher --

```
Get-AppxPackage -Publisher "CN=Microsoft Corporation, O=Microsoft Corporation,
L=Redmond, S=Washington, C=US"
```

This command lists all the Microsoft app packages that are installed on the computer.

---- Example 5: Get all app packages with PackageTypeFilter ----

```
Get-AppxPackage -PackageTypeFilter Bundle,Framework,Main,Resource
```

This command lists all the app packages with PackageTypeFilter installed on the computer.

REMARKS

To see the examples, type: "get-help Get-AppxPackage -examples".

For more information, type: "get-help Get-AppxPackage -detailed".

For technical information, type: "get-help Get-AppxPackage -full".

For online help, type: "get-help Get-AppxPackage -online"