



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

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

NAME

Get-AzLocation

SYNOPSIS

Gets all locations and the supported resource providers for each location.

SYNTAX

```
Get-AzLocation [-ApiVersion <System.String>] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>  
[-ExtendedLocation <System.Nullable`1[System.Boolean]>] [-Pre] [<CommonParameters>]
```

DESCRIPTION

The Get-AzLocation cmdlet gets all locations and the supported resource providers for each location.

PARAMETERS

-ApiVersion <System.String>

Specifies the API version that is supported by the resource Provider. You can specify a different version than the

default version.

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

-ExtendedLocation <System.Nullable`1[System.Boolean]>

Whether to include extended locations.

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

-Pre <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet considers pre-release API versions when it automatically determines which version to use.

Required?	false
Position?	named
Default value	False
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

None

OUTPUTS

Microsoft.Azure.Commands.ResourceManager.Cmdlets.SdkModels.PSResourceProviderLocation

NOTES

Example 1: Get all locations and the supported resource providers

Get-AzLocation

This command gets all locations and the supported resource providers for each location.

Example 2: Get all locations supporting resource provider Microsoft.AppConfiguration

Get-AzLocation | Where-Object {\$_.Providers -contains "Microsoft.AppConfiguration"}

Location : eastasia

DisplayName : East Asia

Providers : {Microsoft.Devices, Microsoft.Cache, Microsoft.AppConfiguration, microsoft.insights.}

Location : southeastasia

DisplayName : Southeast Asia

Providers : {Microsoft.Devices, Microsoft.Cache, Microsoft.AppConfiguration, microsoft.insights.}

Location : centralus

DisplayName : Central US

Providers : {Microsoft.Devices, Microsoft.Cache, Microsoft.AppConfiguration, microsoft.insights.}

...

This example gets all locations which supports resource provider "Microsoft.AppConfiguration".

RELATED LINKS

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