

Azure PowerShell Commands

Az PowerShell module is the recommended PowerShell module for managing Azure resources on all platforms.

Az PowerShell module is based on the .NET Standard, and works with PowerShell 7.0.6 LTS and PowerShell 7.1.3 or higher on all platforms including Windows, macOS, and Linux. It's also compatible with Windows PowerShell 5.1.

Install Azure PowerShell:

```
Install-Module -Name Az -Scope CurrentUser -Repository PSGallery -Force
```

Install PowerShell Get :

```
Install-Module -Name PowerShellGet
```

Install a module only for the current user

```
Install-Module -Name PowerShellGet -Scope CurrentUser
```

Note : Install-Module downloads and installs the newest version of PowerShellGet into the current user's directory, `$home\Documents\PowerShell\Modules`.

```
Get-InstalledModule -Name Az -AllVersions
```

Get the Azure Subscription

```
Get-AzSubscription
```

Get all installed modules

```
Get-InstalledModule
```

Gets PowerShell repositories

`Get-PSRepository`

PowerShell Get

`Get-Module -Name PowerShellGet`

Get the AZ Tenant : Get the list of all the Tenants

`Get-AzTenant`

Get Context : Explains about the current logged in Tenant

`Get-AzContext`

Get Context : Explains about the Multiple Tenants

`Get-AzContext -ListAvailable`

Get-AzAccessToken

`Get-AzAccessToken`

Find a module by name

`Find-Module -Name PowerShellGet`

Find modules with similar names

`Find-Module -Name PowerShell*`

Find a module in a specific repository

`Find-Module -Name PowerShellGet -Repository PSGallery`

To check your PowerShell version

```
$PSVersionTable.PSVersion
```

Sign in to another Cloud

Command gets a list of available environments

```
Get-AzEnvironment | Select-Object -Property Name  
Get-AzEnvironment
```

Command to Sign in to Different Environment

```
Connect-AzAccount -Environment AzureChinaCloud
```