

Powershell Installation and Modules

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Install latest version of Azure CLI on Mac

```
brew update && brew install azure-cli
```

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Install latest version of Azure CLI on Linux

```
# YOLO  
curl -sL https://aka.ms/InstallAzureCLIDeb | sudo bash
```

Resources: <https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-linux?pivot=apt>

<https://docs.microsoft.com/en-us/powershell/azure/install-az-ps?view=azps-5.5.0>

Install PowerShell

```
brew install --cask powershell-preview
```

Run a powershell terminal with:

```
pwsh-preview
```

Update Powershell

```
brew update
```

```
brew upgrade powershell-preview --cask
```

Uninstall Powershell

```
brew uninstall --cask powershell  
sudo rm -rf /usr/local/bin/pwsh-preview /usr/local/microsoft/powershell
```

Resource: <https://docs.microsoft.com/en-us/powershell/scripting/install/installing-powershell-core-on-macos?view=powershell-7.1>

Install Azure PowerShell module

For the current user:

```
if ($PSVersionTable.PSEdition -eq 'Desktop' -and (Get-Module -Name AzureRM -ListAvailable)) {  
    Write-Warning -Message ('Az module not installed. Having both the AzureRM and ' +  
        'Az modules installed at the same time is not supported.')  
} else {  
    Install-Module -Name Az -AllowClobber -Scope CurrentUser  
}
```

Resource: <https://docs.microsoft.com/en-us/powershell/azure/install-az-ps?view=azps-5.5.0>

Setup the AzureRMAlias module

This will deal with incompatibilities with older scripts that use AzureRM:

```
Enable-AzureRmAlias
```

List available modules

```
Get-Module -ListAvailable
```

Get authenticated in Powershell

```
Connect-AzAccount %USERNAME
```

List commands in a module

```
Get-Command -Module <module name>
```

List functions in a module

```
Get-Command -Module <module name> -Type Function
```

Authenticate via the CLI

Run this command to get authenticated:

```
az login
```

This will result in a web browser opening, or a URL prompt. Navigating to this url will prompt you for a code, which you've been provided in the command line. Paste it in, click next, and select the proper account.

Resource: <https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-macos>