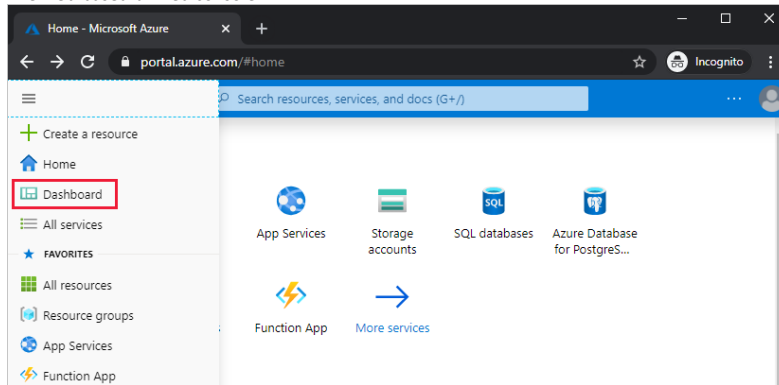


Azure management tools

02 August 2021 15:42

1. Azure Portal

The web-based-unified console



Azure preview portal

You use it to sneak peek some new features that are not generally available

- o Preview
- o Beta
- o Other pre-release

To **test** preview features - preview.portal.azure.com

For **stable-release and production-ready** features - portal.azure.com

2. Azure PowerShell

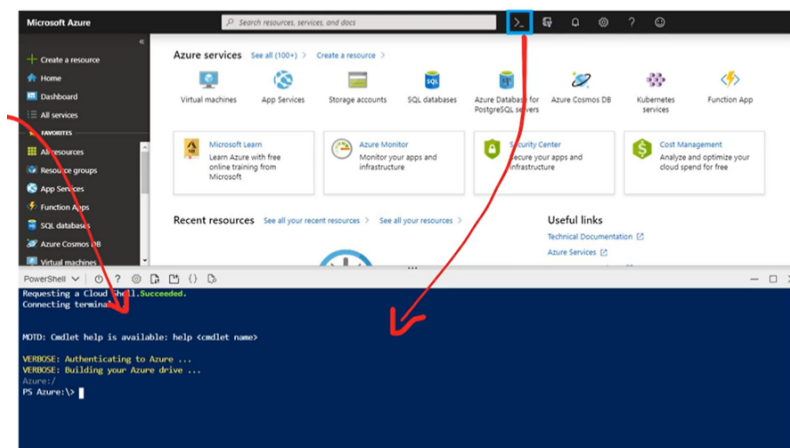
- Azure PowerShell
 - o **Managing Azure resources** directly from PowerShell command line
- 3. PowerShell VS traditional Shells (e.g. Bash)
 - o PowerShell is built on top of the .NET common language runtime (CLR), and accepts and return .NET objects, which makes it easier to automate scripting

4. Visual Studio Code

- A **free source-code editor**, for windows / linu and macOS
- You can run this on cloud too

5. Azure Cloud Shell

- Interactive, authenticated, **browser-accessible** shell for managing Azure resources
- You can choose different shells - Bash or PowerShell



6. Azure CLI

- CLI = command line interface, process commands to a computer program in the form of lines of text
- OS implement a CLI in a shell or terminal
- **Azure CLI commands can be run in both PowerShell and CMD,**

The Azure CLI can be installed on Windows, Mac and Linux. Once installed you can type **az** followed by other commands to create, update, delete, view and manage Azure resources.

```
#!/bin/bash

# Create a resource group.
az group create --name myResourceGroup --location westeurope

# Create a new virtual machine, this creates SSH keys if not present.
az vm create --resource-group myResourceGroup --name myVM --image UbuntuLTS --generate-ssh-keys
```

