Setting Up Your Environment

Amazon Web Services

Access the AWS Platform

- AWS Web Console
- The AWS Command Line Interface (CLI)
- AWS Tools for Windows PowerShell
- Amazon Software Development Kits (SDKs)

AWS Command Line Interface

Getting familiar with the command line interface (CLI) will increase your productivity and efficiency in managing, monitoring and troubleshooting on the AWS platform.

- For Windows desktops and laptops, visit http://aws.amazon.com/cli - Download and install either the 64-bit or the 32-bit installer as appropriate for your OS

- For Mac or Linux based desktops and laptops, you need to have Python and pip installed and then simply run the command pip install awscli

Accessing Virtual Servers

- Traditional Server Installation
  - During the OS installation process you specify the Administrator/Root account and password

Accessing Virtual Servers

- EC2 Instance Deployment

  Amazon EC2 Key Pairs - Amazon EC2 uses public–key cryptography to encrypt and decrypt login information. Public–key cryptography uses a public key to encrypt a piece of data, such as a password, then the recipient uses the private key to decrypt the data. The public and private keys are known as a key pair.

  - For Linux based servers you use private key to SSH into the server
  - For Windows based servers, you use the private key to decrypt the Windows Administrator Password

Accessing Virtual Servers

You can deploy Windows or Linux based servers (EC2 Instances) on the AWS platform.

- Windows Desktops and Laptops
  - Windows EC2 Instances – Use RDP Client
  - Linux EC2 Instances – Download and Install Putty and Puttygen for SSH access
- Mac Desktop and Laptops
  - Windows EC2 Instances – Download and Install Microsoft Remote Desktop 8.0 from the iTunes App Store
  - Linux EC2 Instance – Use Terminal for SSH access

Next Video

Create a Billing Alarm