

AWS Certified Cloud Practitioner
Training Bootcamp

Windows Users - Environment Preparation

Authentication with AWS EC2

- Usually, when we hear authentication, we think of username and password
- With AWS EC2 instances, authentication is done differently
 - Username
 - Key Pair file (*.ppk)
- Amazon EC2 uses public-key cryptography to encrypt and decrypt login information; public key to encrypt a piece of data, then the recipient uses the private key to decrypt the data. The public and private keys are known as a key pair.

Windows OS Tools

- Create a Key Pair in AWS – exported in *.pem format
 - Use Putty Key Generator to *.pem -> *.ppk (Putty)
 - Use Putty or MobaXterm to SSH into EC2
- Install a Text Editor
 - i.e. Notepad++

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Thank you