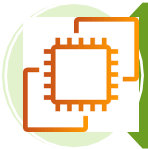


# Agenda



**Understanding EC2 Service**



**Creating a new Windows Machine on AWS**



**What is Key Pair?**



**Connecting to the remote machine**

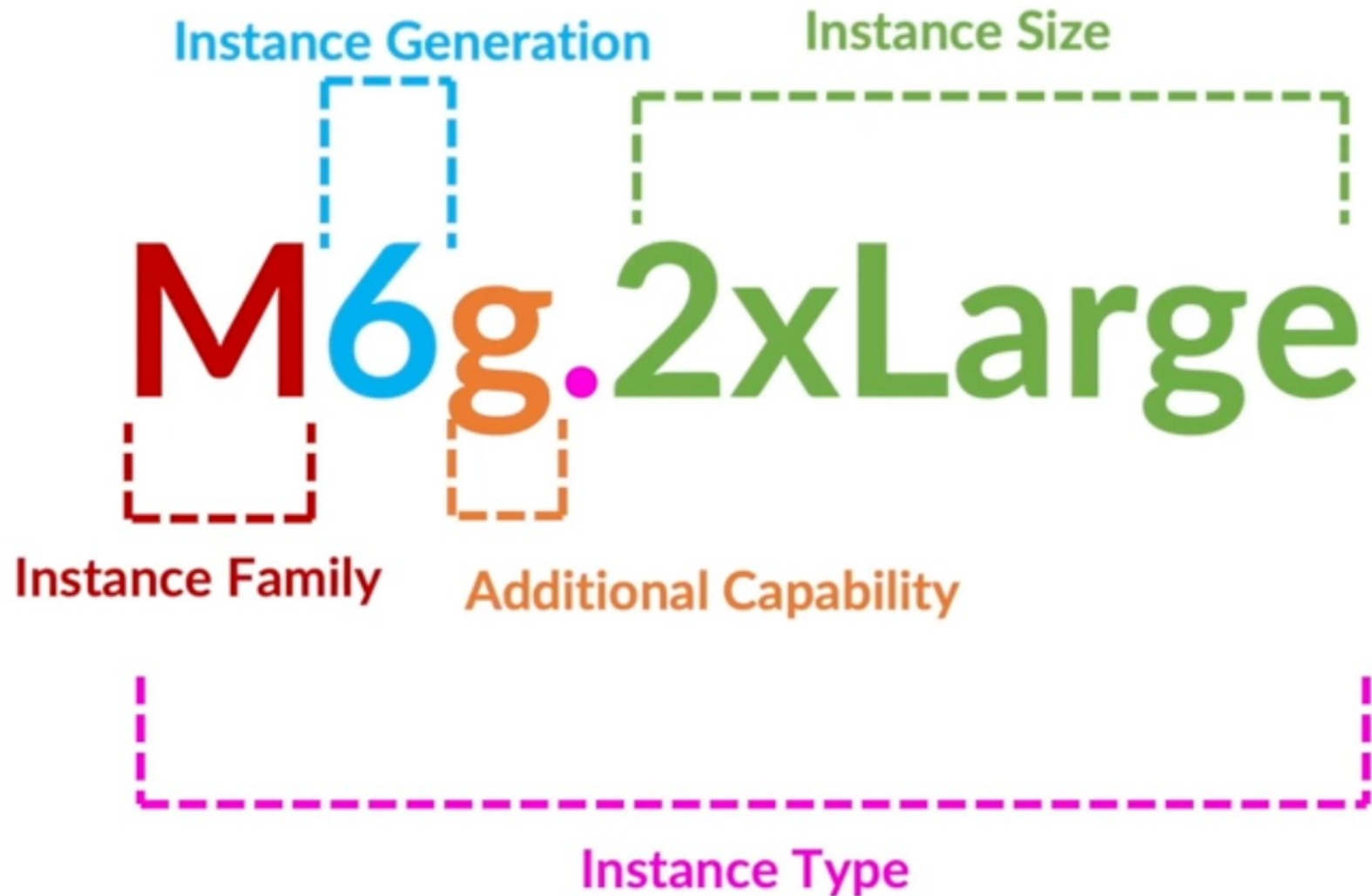
# EC2 Stands for **Elastic Compute Cloud**

- ▶ **Elastic** : refers to the fact that you can easily increase or decrease the number of servers that you run to support an application automatically. You can also increase or decrease the size of existing servers.
- ▶ **Compute** : refers to reason why most users run servers to host running applications or process data. These actions require compute resources, including processing power (CPU) and memory (RAM).
- ▶ **Cloud** : refers to the fact that the ec2 instances that you run are hosted in the cloud.

# AMI : Amazon Machine Image

- ▶ AMI is a template that is used to create an EC2 instance (which is a virtual machine, or VM, that runs in the AWS Cloud)
- ▶ AMI Choices:
  - ▶ **Quick Start** : Linux and Windows AMIs that are provided by AWS
  - ▶ **My AMIs** : Any AMIs that you created
  - ▶ **AWS Marketplace** : pre-configured templates from third parties
  - ▶ **Community AMIs**: AMIs shared by others, use at your own risk

# Instance type meaning



# Amazon Web Services - Demo

