MODULE 2

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**Availability Zone:** One or more data centers that house many servers. Each Region has multiple, isolated locations known as Availability Zones. Each Availability Zone is isolated, but the Availability Zones in a Region are connected through low-latency links. An Availability Zone is represented by a region code followed by a letter identifier, for example, us-east-1a.

**Edge Location:** A site where data can be stored for lower latency. Often, edge locations will be close to high-population areas that will generate high traffic volumes.

**Infrastructure as a service (IaaS):**A model in which virtual machines and servers are used for customers to host a wide range of applications and IT services are provided.

**Latency:** The delay before a transfer of data begins after the data has been requested.

**Platform as a service (PaaS):** A model that provides a virtual platform for customers to create custom software.

**Region:** An area where data is stored. Data storage in a Region closest to you is one of the reasons it can be accessed at lightning speed.

**Software as a service (SaaS):** A model that provides applications using the internet that are managed by a third party.