**LOAD BALANCING**

Load balancing is a technique used to distribute incoming network traffic across multiple servers. This helps ensure no single server becomes overwhelmed, improving performance and reliability. It's commonly used for websites, databases, and other services.

**TYPES OF LOAD BALANCING IN AWS**

**1. APPLICATION LOAD BALANCER (ALB):**

* Best for HTTP/HTTPS traffic.

**2. NETWORK LOAD BALANCER (NLB):**

* Best for high-performance.
* Suitable for applications that require ultra-low latency, such as gaming or real-time communications.

**3. CLASSIC LOAD BALANCER (CLB):**

* Older generation load balancer.
* Less feature-rich compared to ALB and NLB but can still be used for simple workloads.

**BENEFITS OF LOAD BALANCING**

* Prevents from server crash
* Makes smoother user experience
* Improves the response time
* High Availability