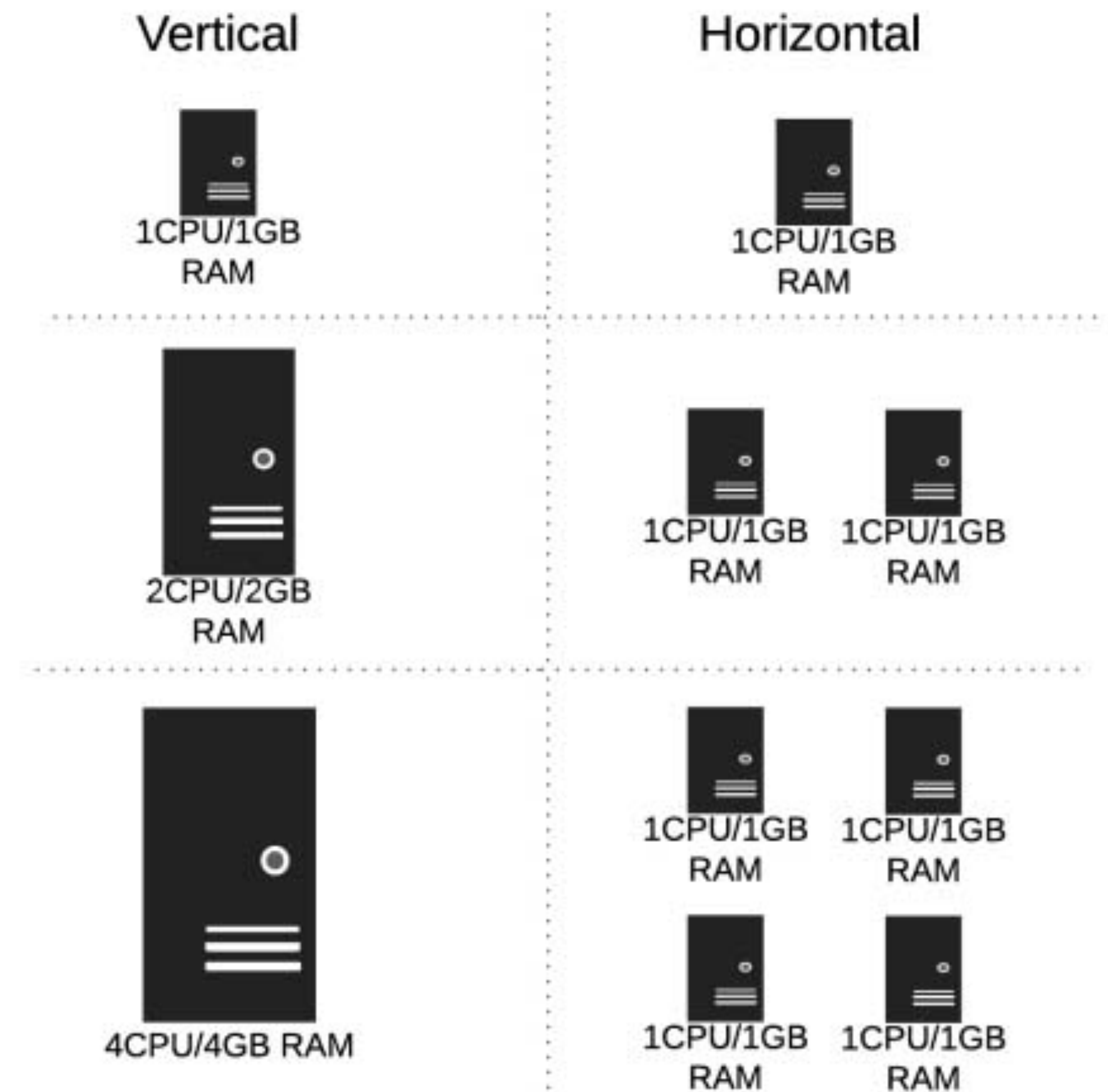


VIII. Concurrency

What is concurrency?

- Twelve-factor apps should only grow up to a certain limit (**vertical scaling**).
- They must also be able to span multiple processes running on multiple physical machines (**horizontal scaling**).



VIII. Concurrency

What is concurrency?

- They should rely on the operating system's **process manager** (such as systemd) to manage output streams, respond to crashed processes, and handle user-initiated restarts and shutdowns.
- This makes adding more concurrency a **simple and reliable** operation.