

[How many connections a server can handle]

* For TCP connections, Server Machine OS reserves some data structure in RAM

↳ So, limit to no. of connections to the Machine depends on the CPU, RAM of the Server Machine

* Constantly from NIC → OS gets interrupt to create TCP connection but if one connection is getting created, other requests are being

powered, so, these queue is getting released as well.

* Although servers are configured to have a limit.

* As, a backend Engineer its important to Monitor server and Database Machine hardware.

E.g → CPU usage spikes ↑

RAM usage spikes ↑

NIC usage spikes ↑

HDD usage spikes ↑