

# What Is Quality Of Service

An important aspect of Service Package creation is the implementation of Quality of Service, or QoS. QoS ensures that your hosting accounts receive guaranteed shares of CPU resources.

All hosting accounts are assigned CPU shares. These shares determine how much of the CPU an account will be able to utilize at times when multiple accounts are making requests to a fully utilized CPU.

For example, for two accounts, one with 15 shares and the other with 25, both utilizing the server CPU, the CPU is divided between the two accounts at a 15:25 ratio.

Dedicated servers are given a pool of 100 CPU shares to divide among all VPS accounts on that server. Note that when dealing with individual servers, the number of CPU shares is irrelevant. The CPU is divided based on ratios.