Homework 01
ECE 473/573, Fall 2024

Due Date: 09/08 (Sun.) by the end of the day (Chicago time)

(2 points) An important factor when making decisions upon cloud computing is its cost. Let's study the costs of virtual private servers (VPS) since they simplify pricing by providing a pre-defined package of resources. Nevertheless, while there are many VPS providers, not everyone is reliable and trustworthy. A few reputable VPS providers are compared in this blog page `https://joshtronic.com/2024/08/04/vps-showdown-august-2024-digitalocean-vs-linode-vs-vultr/`

Choose two VPS providers (not necessarily from the above page) and compare their pricing structures as follows,

- What is the cost to rent a VPS there with minimum number of cores? How many cores are there and how much memory, storage, and network traffic are available? Is the cost per month or per year?

- What is the cost to rent a VPS there with at least 4 cores and 8GB of memory? How many cores are there and how much memory, storage, and network traffic are available? Is the cost per month or per year?

- What if the network traffic goes beyond the limit?

Note that this homework does not require you to actually rent a VPS. Sometimes you could get more accurate pricing information by registering an account with the provider but for this homework you should not provide any payment information, e.g. credit card, during the process.