Rapid Elasticity

- 'Capabilities can be elastically provisioned and released, in some cases automatically, to scale rapidly outward and inward commensurate with demand. To the consumer, the capabilities available for provisioning often appear to be unlimited and can be appropriated in any quantity at any time.' *NIST*

Rapid Elasticity (Cont.)

- Servers can be quickly provisioned and decommissioned based on current demand.

- Elasticity allows customers to achieve cost savings and is often a core justification for adoption.

Rapid Elasticity (Cont.)

- If 10 servers are required for a 3 month project, the company can provision them within minutes, pay a small monthly OpEx fee to run them rather than a large upfront CapEx cost, and decommission them at the end of the 3 months.

Rapid Elasticity (Cont.)

- If a company experiences seasonal demand, such as an ecommerce store at Christmas, additional front end web servers can be **automatically** provisioned and added to a load balanced server farm, and then automatically decommissioned when the demand dissipates.

Rapid Elasticity (Cont.)

- I can use software for a short term instead of buying a permanent license.

- https://www.saleshandy.com/pricing/