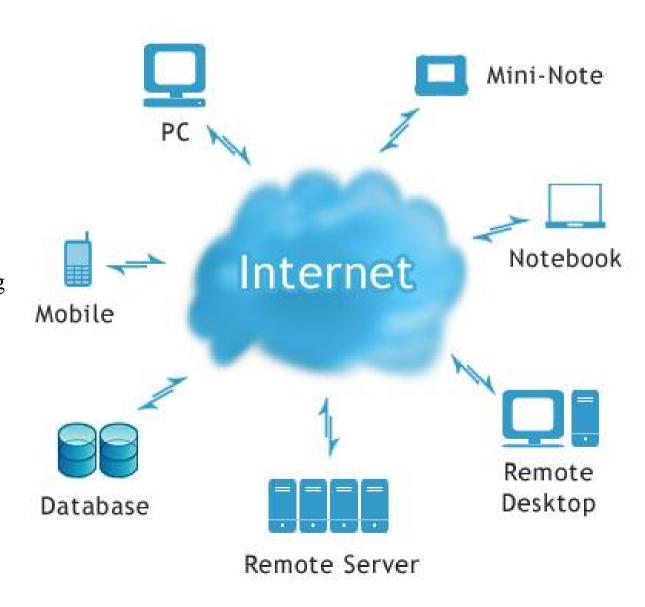
Kaip valdyti debesį su Amazon AWS

Mažvydas Skuodas NFQ/Foxrate

Kas tie "Debesys" (aka Clouds)

Cloud computing, or the cloud, is a colloquial expression used to describe a variety of different types of computing concepts that involve a large number of computers connected through a real-time communication network such as the Internet. Cloud computing is a term without a commonly accepted unequivocal scientific or technical **definition**. In science, cloud computing is a synonym for distributed **computing** over a network and means the ability to run a program on many connected computers at the same time.



Kas tie "Debesys" (aka Clouds)

Cloud Clients

Web browser, mobile app, thin client, terminal emulator, ...



SaaS

CRM, Email, virtual desktop, communication, games, ...

PaaS

Execution runtime, database, web server, development tools, ...

laaS

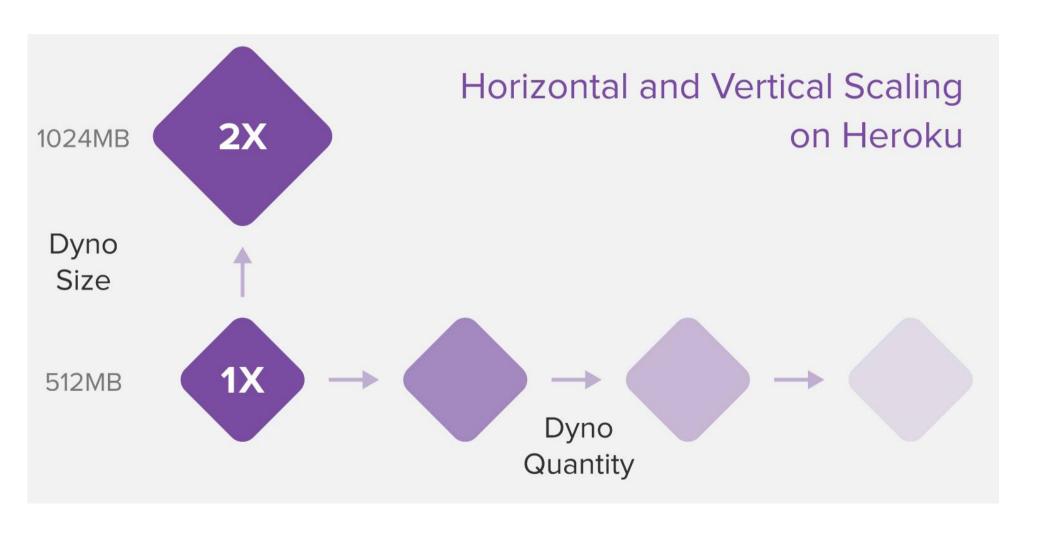
Virtual machines, servers, storage, load balancers, network, ...

Application

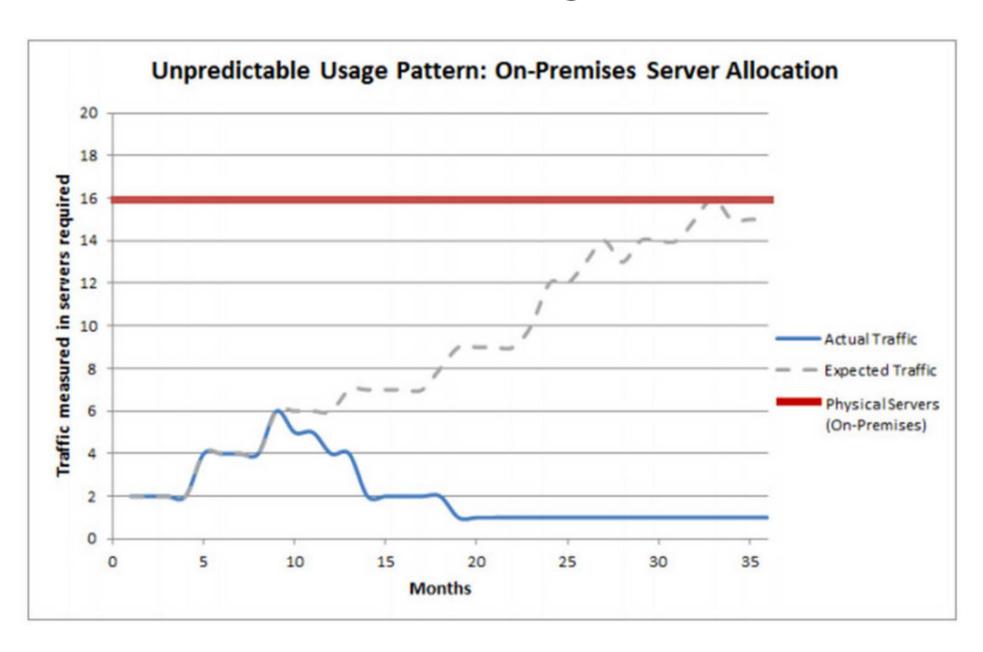
Platform

Infrastructure

Vertical vs Horizontal scale

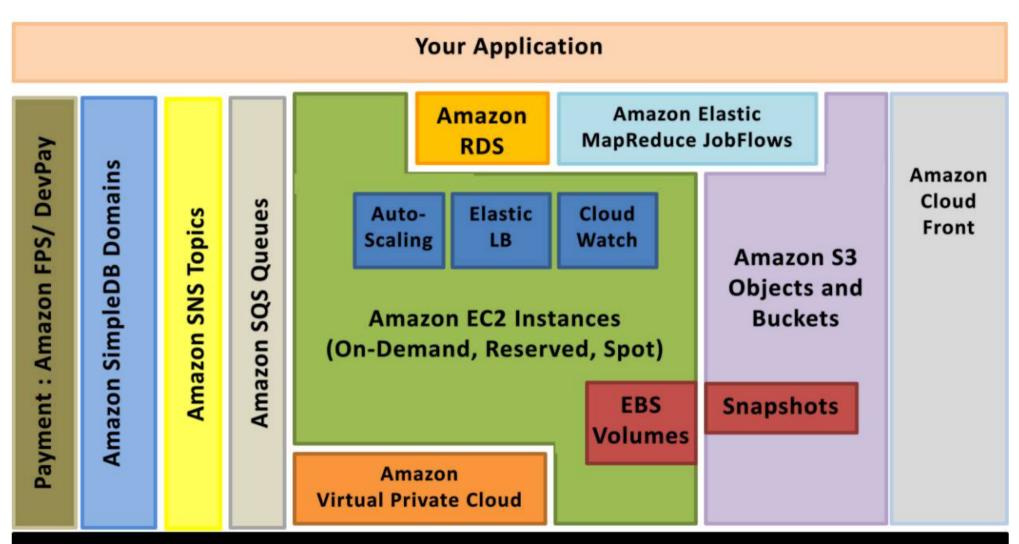


Scaling

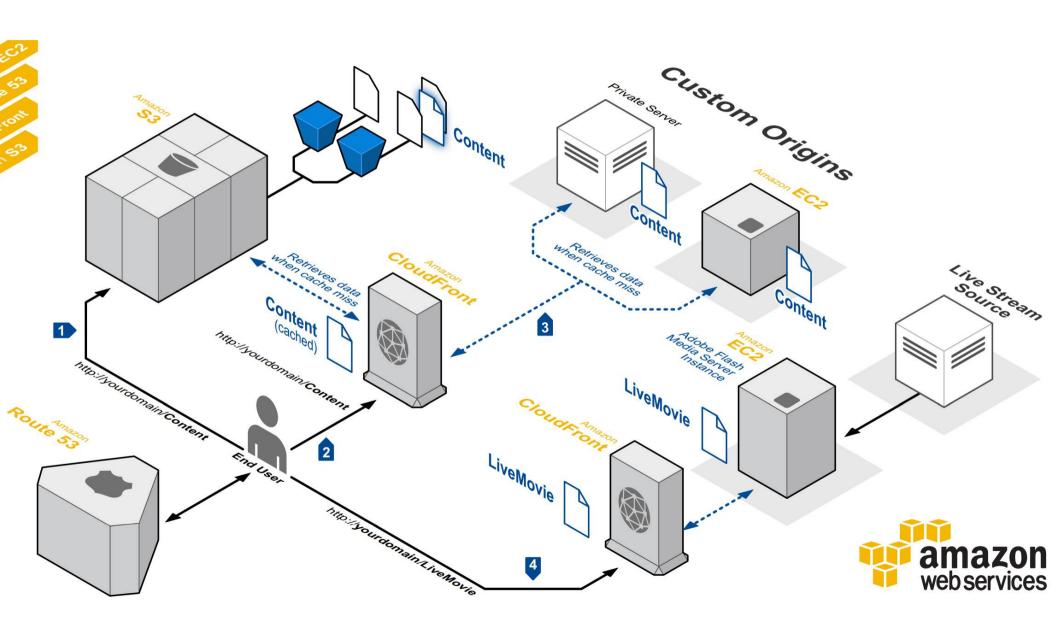


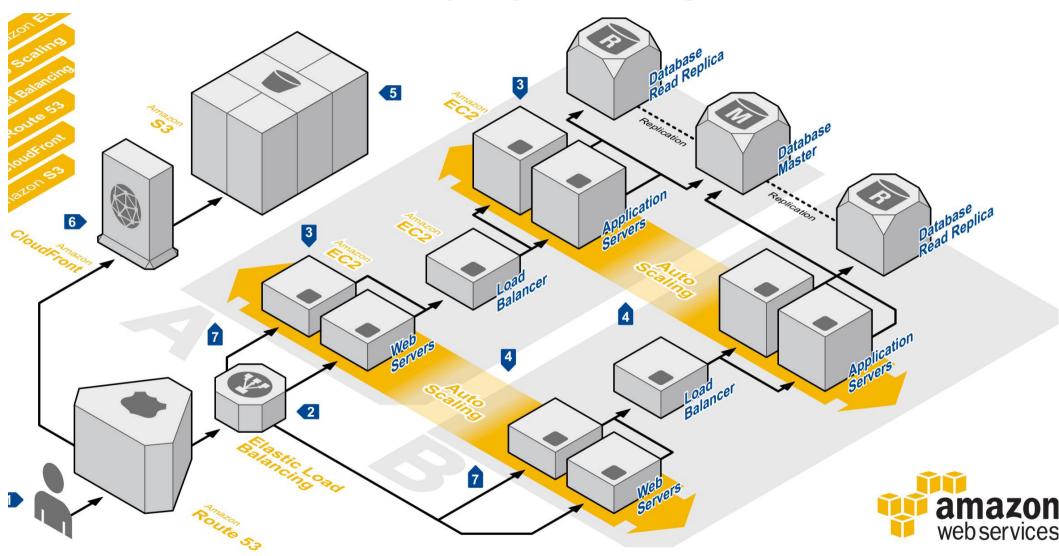
Cloud Principle

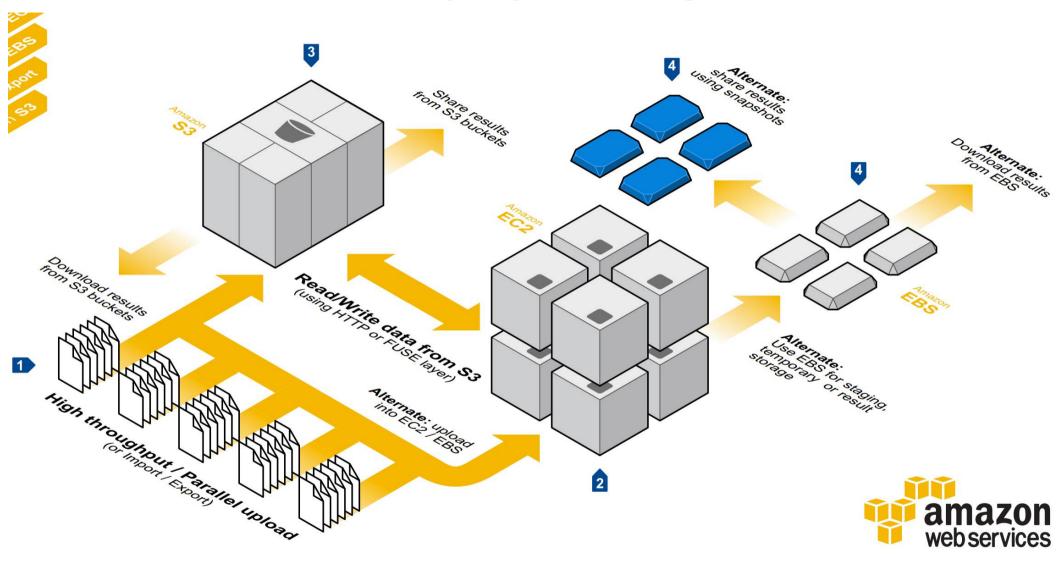
No single point of failure



Amazon Global Physical Infrastructure (Geographical Regions, Availability Zones, Edge Locations)







DEMO