

Containers and Cloud Data Stores

The background of the slide features a photograph of a large, classical-style statue, likely the 'Alma Mater' statue at the University of Illinois, set in a park-like environment with trees. The entire image is overlaid with a semi-transparent orange color, which serves as the background for the white text.

CS 240 - The University of Illinois

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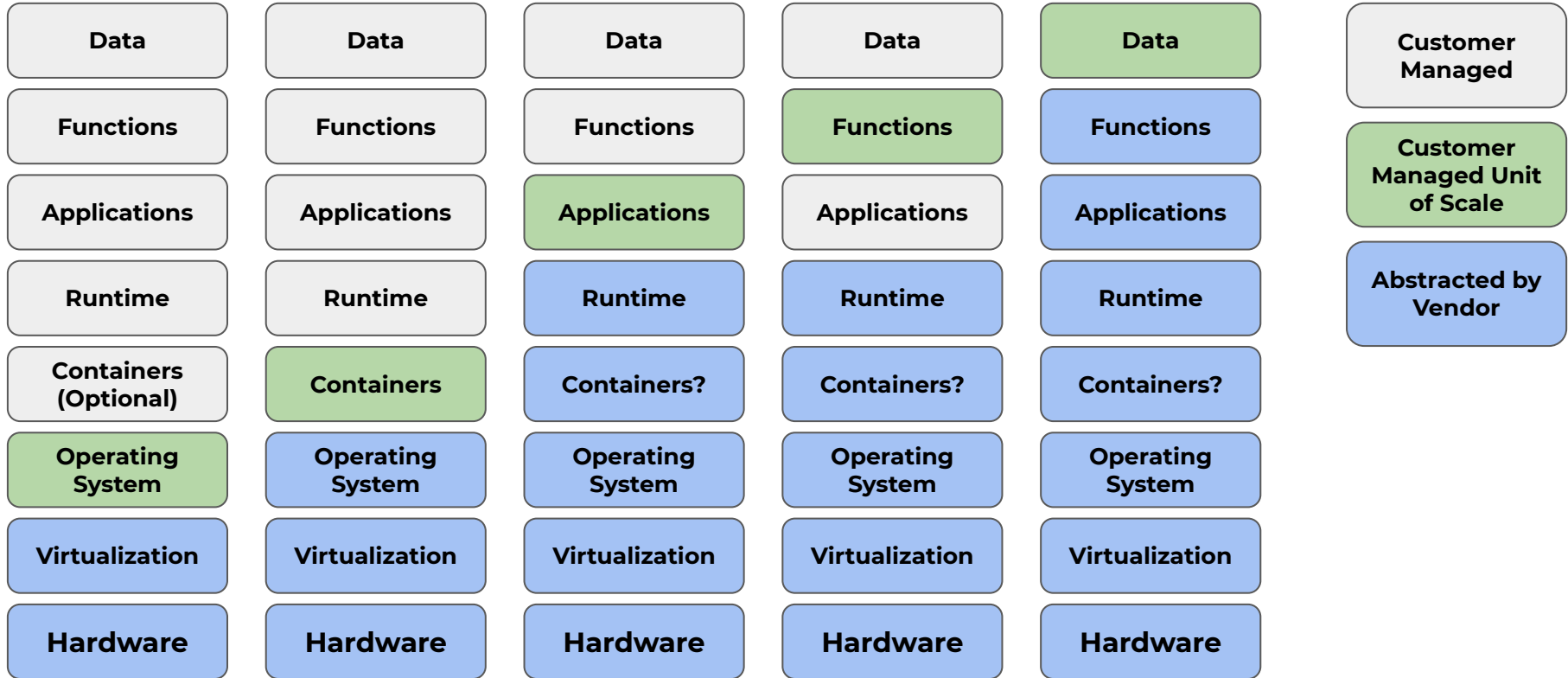
IaaS

CaaS

PaaS

FaaS

SaaS



A photograph of a statue of Alma Mater at a university, overlaid with a red filter and the text "Service Architectures". The statue is the central focus, standing on a pedestal. The background shows a crowd of people and trees, all rendered in a monochromatic red color. The text "Service Architectures" is written in a large, white, sans-serif font across the middle of the image.

Service Architectures

[Monolithic Architecture]:

[Microservice Architecture]:

[Serverless Architecture]:

Monolithic	Microservice	Serverless

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Configuration and Deployment Challenges

Deployment Challenges

One of the most challenging bits of microservices is managing the configuration and deployment of the microservices:

- What is the location of my dependencies?
- How do I quickly update the configuration?

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