

Comparing Infrastructure as a Service (IaaS) and Platform as a Service (PaaS)



David Davis

VEXPERT, VCP, VCAP, CCIE

@DavidMDavis DavidMDavis.com



Overview



What is Platform as a Service?

How do IaaS and PaaS Compare?

Demo AWS Elastic Beanstalk



Platform as a Service is for Developers



Platform as a Service (PaaS)

A cloud service for developers who want to develop, run, and manage applications

No servers, storage, network, OS, middleware, or databases are needed

Examples of PaaS are:

- AWS Elastic Beanstalk
- Microsoft Azure App Service
- Google App Engine
- Cloud Foundry
- Heroku



IaaS vs PaaS

IaaS

All servers, storage, and networking are provided

Developers must install their own software such as web servers, database servers, etc.

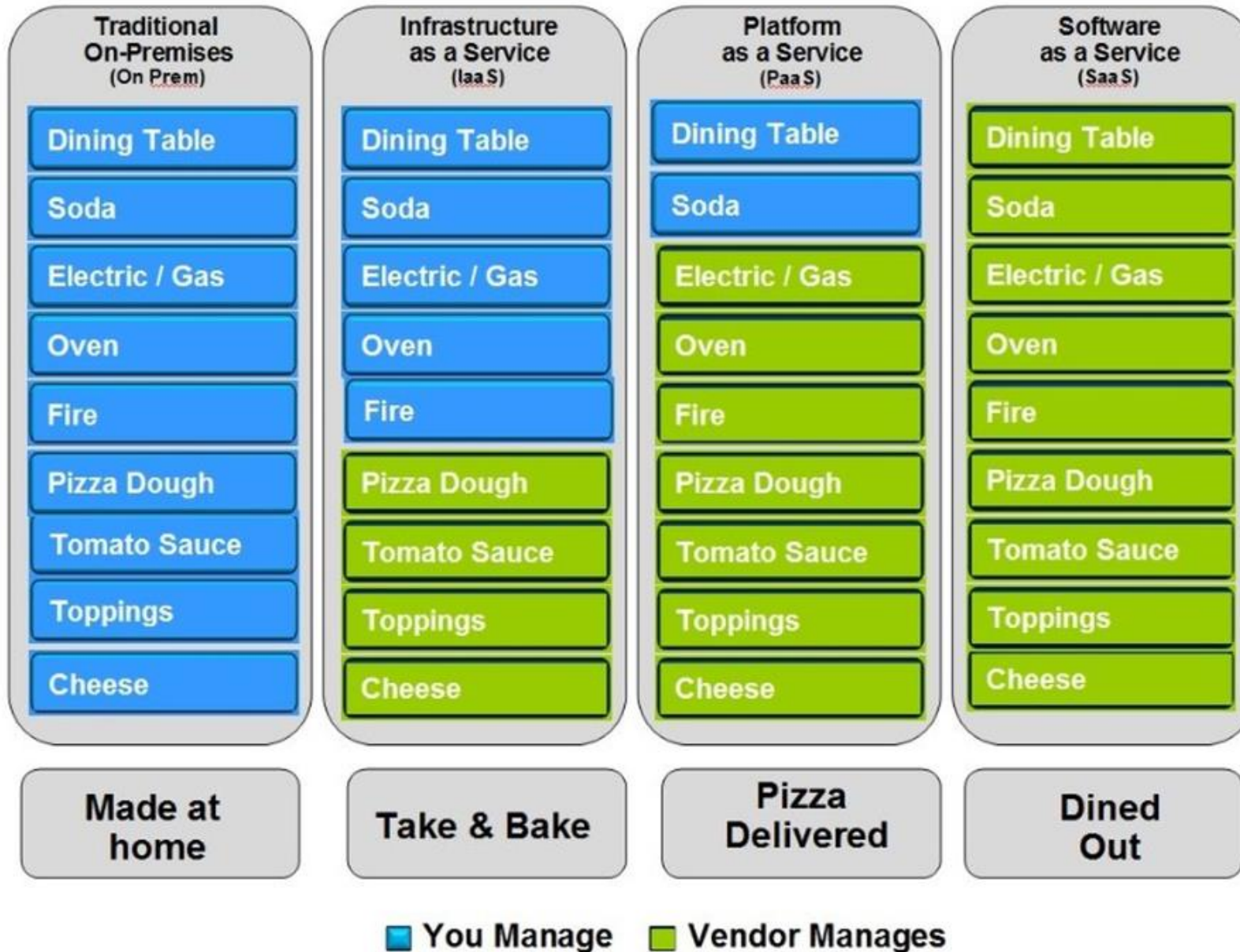
PaaS

PaaS runs on top of infrastructure as a service

Developers have access to already installed web servers, database servers, and development libraries



Pizza as a Service



Demo



Amazon's PaaS: Elastic Beanstalk



Summary



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