## PaaS Platform as a Service

'The capability provided to the consumer is to deploy onto the cloud infrastructure consumer-created or acquired applications created using programming languages, libraries, services, and tools supported by the provider. The consumer does not manage or control the underlying cloud infrastructure including network, servers, operating systems, or storage, but has control over the deployed applications and possibly configuration settings for the application-hosting environment.' NIST

## PaaS Platform as a Service



**Provider Manages** 

Data

**Applications** 

**Custom Environment** 

Customer Gets Access at This Level

**Operating System** 

**Hypervisor** 

Compute

**Storage** 

Network

**Facility** 

## PaaS Examples

- AWS Elastic Beanstalk
- Microsoft Azure (offers both laaS and PaaS services)
- Google Apps
- Salesforce Force.com
- IBM Bluemix

## PaaS Billing

- PaaS will typically be billed based on memory usage
- Example: <u>IBM Bluemix</u>