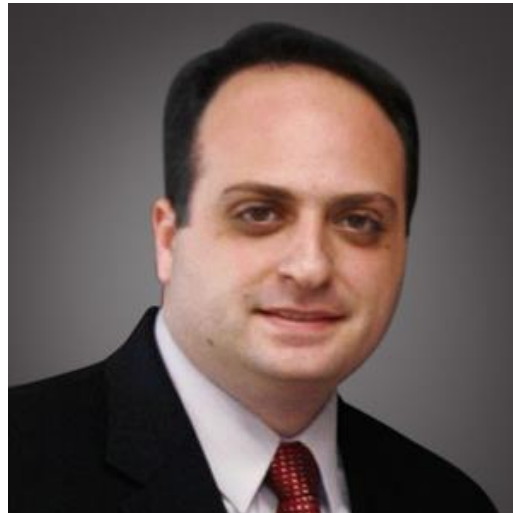


# Amazon Web Services (AWS) Fundamentals for System Administrators

## Getting Started



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# A Very, Very Longtime

- Since 2003
- It didn't even cross my mind
- One of the hottest certifications out there
- Differentiate yourself



# AWS Certification Tracks



AWS Certification page: <http://aws.amazon.com/certification/>

# Prerequisites and Getting Started



An Understanding of Cloud Computing

Microsoft / Linux Essentials

Networking Essentials

Working Knowledge of Virtualization

Storage Fundamentals

AWS Newsletter

Sign up for a Free Account

# What Is Cloud Computing?

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A model for enabling ubiquitous, convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction

(Source: NIST)

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# Cloud Computing at a Glance

**5**

Essential characteristics

**3**

Service models

**4**

Deployment models

# Essential Characteristics

On-demand

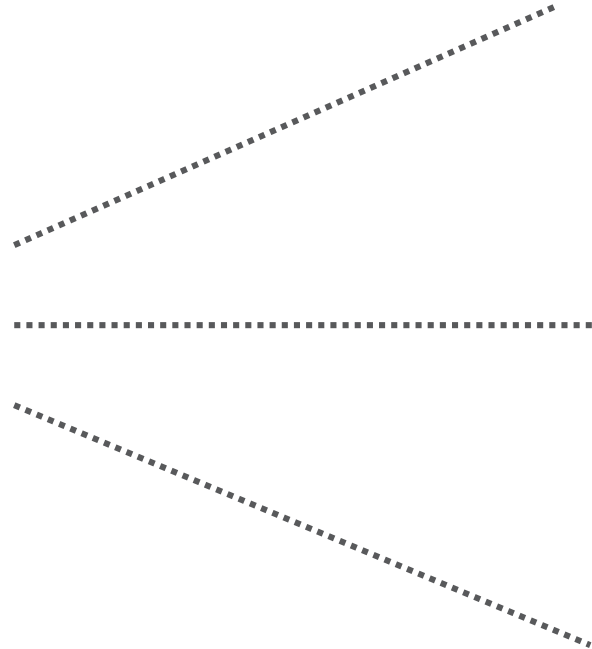
Broad Network  
Access

Resource Pooling

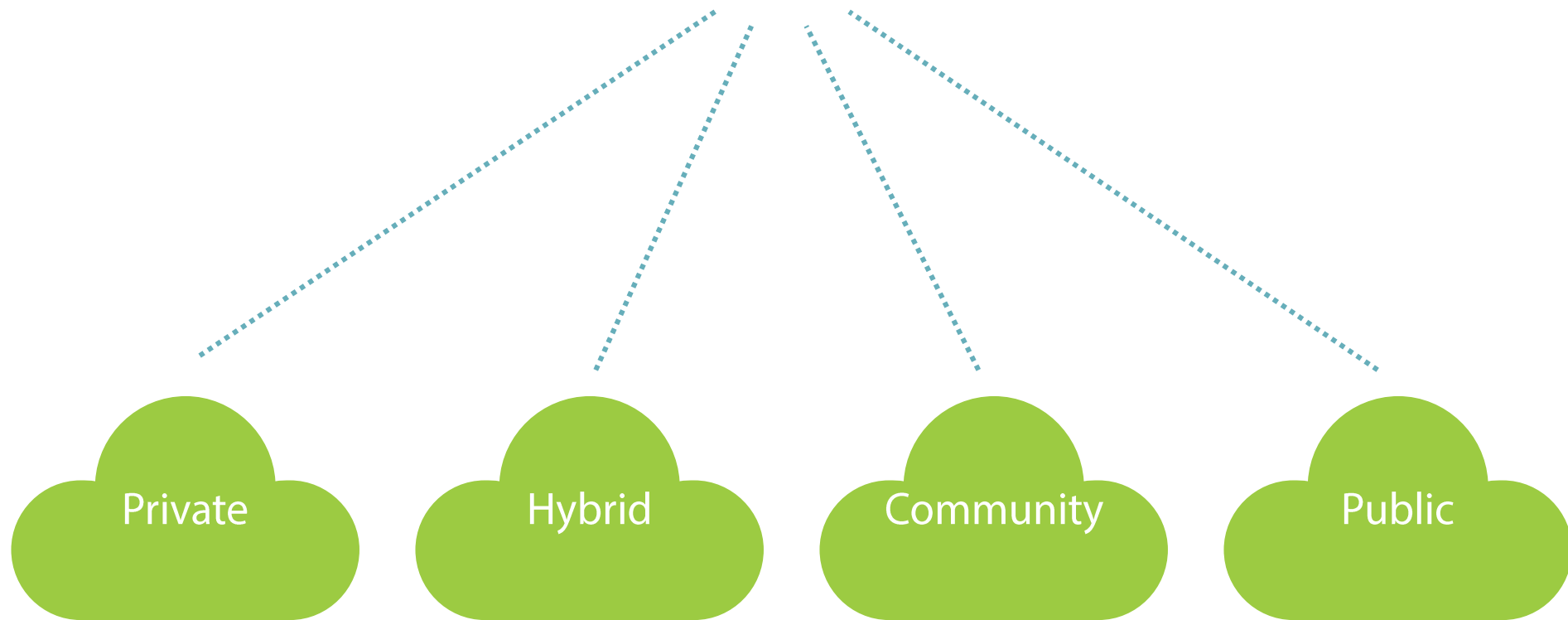
Rapid Elasticity

Measured Service

# Service Models



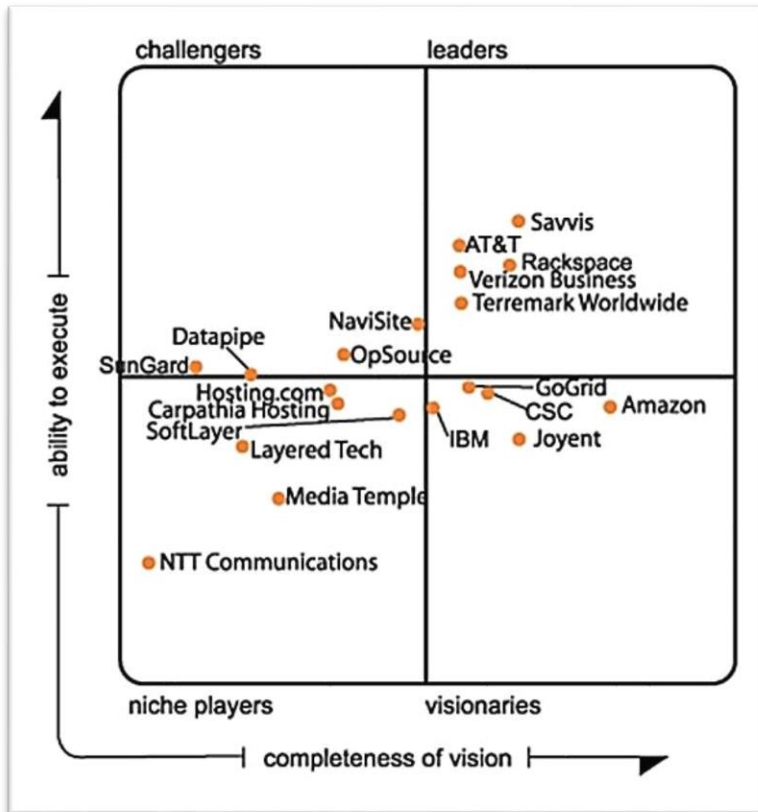
# Deployment Models



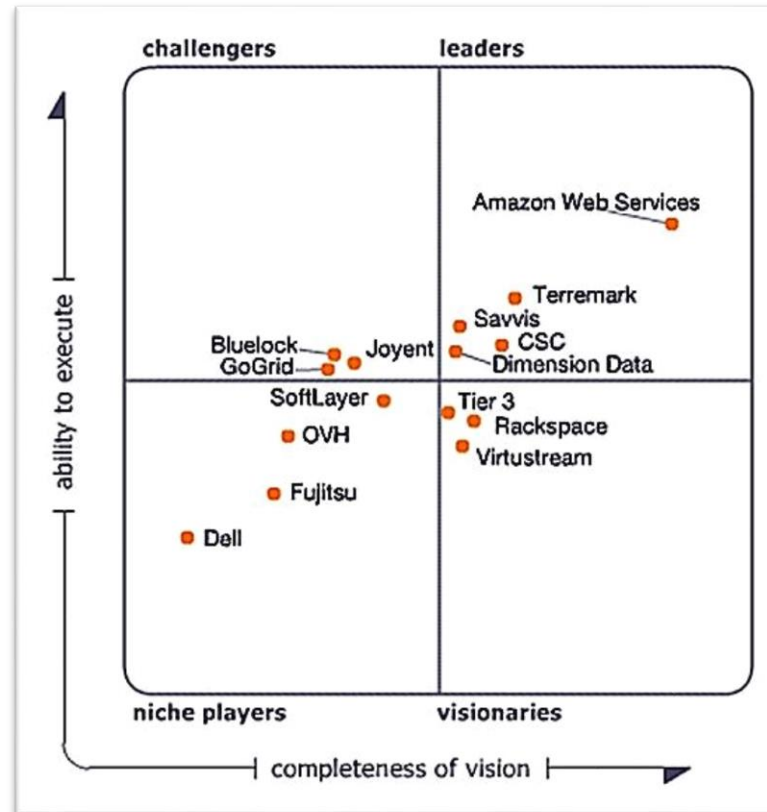
# Key Dates in the History of Cloud Computing



# Cloud Service Providers



As of December 2010



As of October 2012



As of August 2013

# Cloud Service Providers



As of July 2014



**Build and Operate**



**Consume**



# Summary



AWS Certifications

What Is Cloud Computing?

Build and Operate vs. Consume

Key Dates