

GoCloud 

just google consulting

Il Cloud Computing

- “... is an evolving term that describes the development of many existing technologies and approaches to computing into something different ...”
- “... separates application and information resources from the underlying infrastructure, and the mechanisms used to deliver them ...”
- “... enhances collaboration, agility, scaling, and availability, and provides the potential for cost reduction through optimized and efficient computing ...”

Fonte: **Cloud Security Alliance**

- “... the use of a collection of services, applications, information, and infrastructure comprised of pools of compute, network, information, and storage resources ...”
- “... components can be rapidly orchestrated, provisioned, implemented and decommissioned, and scaled up or down; providing for an on-demand utility-like model of allocation and consumption ...”

Fonte: Cloud Security Alliance

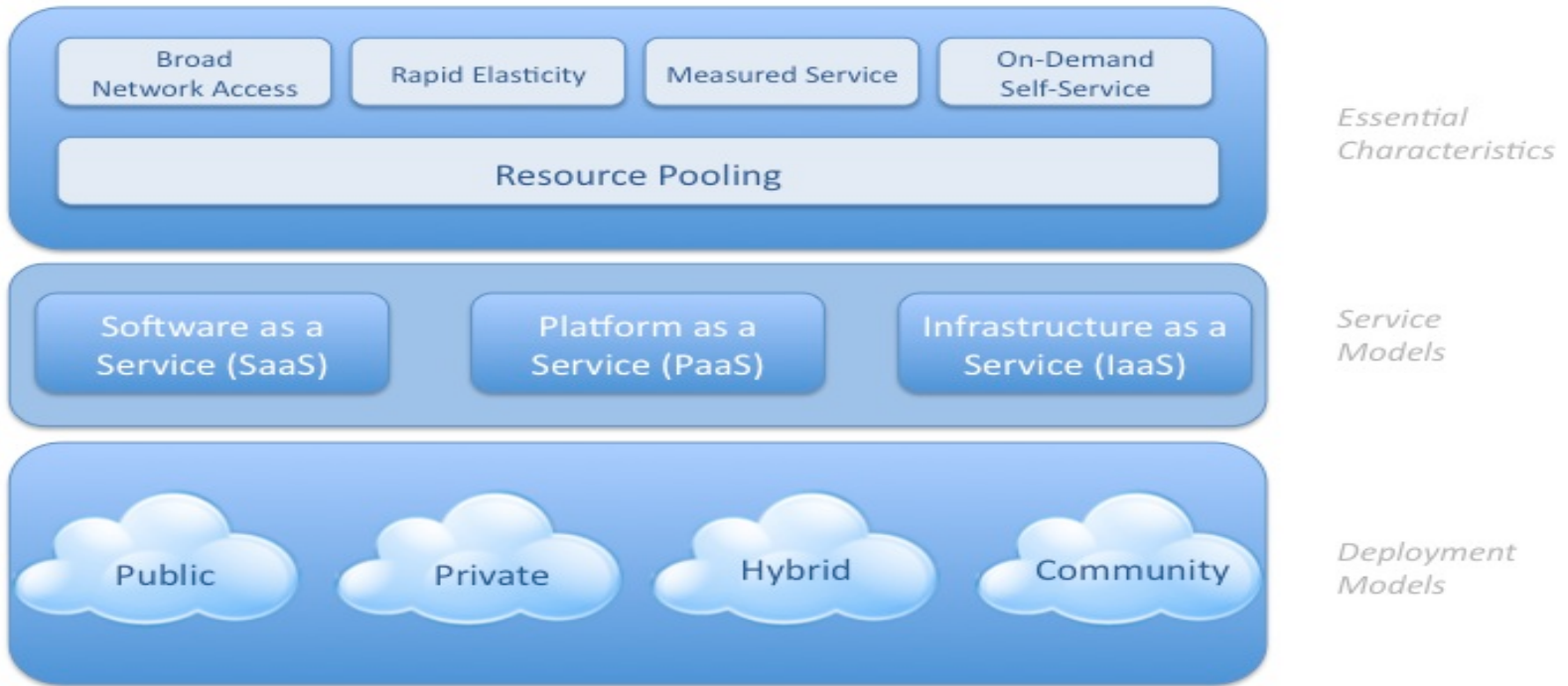
- Vedi anche:
 - Cosa significa Cloud Computing (fonte GoCloud)
 - Che cos'è il Cloud Computing (fonte Salesforce.com)

- “... il Cloud Computing si annuncia come la più grande trasformazione dietro l'angolo, con un impatto deciso su business ed IT e sul rapporto tra di essi.”
- Adozione attuale e prevista (panel di 100 aziende):
 - 23% sviluppo in previsione
 - 11% già sviluppato

Fonte: **Nextvalue**

Caratteristiche essenziali e modelli

Visual Model Of NIST Working Definition Of Cloud Computing
<http://www.csrc.nist.gov/groups/SNS/cloud-computing/index.html>



Fonte: Cloud Security Alliance

- **Infrastructure as a Service (IaaS):** “The capability provided to the consumer is to provision processing, storage, networks, and other fundamental computing resources where the consumer is able to deploy and run arbitrary software, including operating systems and applications”
- **Platform as a Service (PaaS):** “The capability provided to the consumer is to deploy onto the cloud infrastructure consumer-created or acquired applications created using programming languages and tools supported by the provider”
- **Software as a Service (SaaS):** “The capability provided to the consumer is to use the provider’s applications running on a cloud infrastructure”

- Infrastructure as a Service (IaaS)
 - Amazon Web Services (AWS)
- Platform as a Service (PaaS)
 - Google App Engine (GAE)
- Software as a Service (SaaS)
 - Google Apps (GApps), Salesforce.com (SF)

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