

## Pre-Training Module

### Introduction to Cloud Computing

#### Glossary of Terms

Elastic computing: The ability to dynamically provision and de-provision processing, memory, and storage resources to meet demands of peak usage without worrying about capacity planning and engineering usage.

External cloud: Public or private cloud services that are provided by a third party outside the organization.

Google App Engine: A service that enables developers to create and run Web applications on Google's infrastructure and share their applications via a pay-as-you-go, consumption-based plan with no setup costs or recurring fees.

Google Apps: Google's SaaS offering that includes an office productivity suite, email, and document sharing, as well as, Gmail, Google Talk for instant messaging, Google Calendar and Google Docs, spreadsheets, and presentations.

HaaS:  
Hardware  
as a service.

Hosted application: An Internet-based or Web-based application software program that runs on a remote server and can be accessed via an Internet-connected PC or thin client.

Hybrid cloud: A networking environment that includes multiple integrated internal and/or external providers.

IaaS: Infrastructure as a service- Cloud infrastructure services, whereby a virtualized environment is delivered as a service over the Internet by the provider. The infrastructure can include servers, network equipment, and software.

IBM Smart Business: IBM's cloud solutions, which include IBM Smart Business Test Cloud, IBM Smart Analytics Cloud, IBM Smart Business Storage Cloud, IBM Information Archive, IBM Lotus Live, and IBM LotusLive iNotes.

Internal cloud: A type of private cloud whose services are provided by an IT department to those in its own organization.

Mashup: A Web-based application that combines data and/or functionality from multiple sources.

Microsoft Azure: Microsoft cloud services that provide the platform as a service (PaaS), allowing developers to create cloud applications and services.

On-demand service: A model by which a customer can purchase cloud services as needed. If customers need to utilize additional servers for the duration of a project, they can do so and then drop back to the previous level after the project is completed.