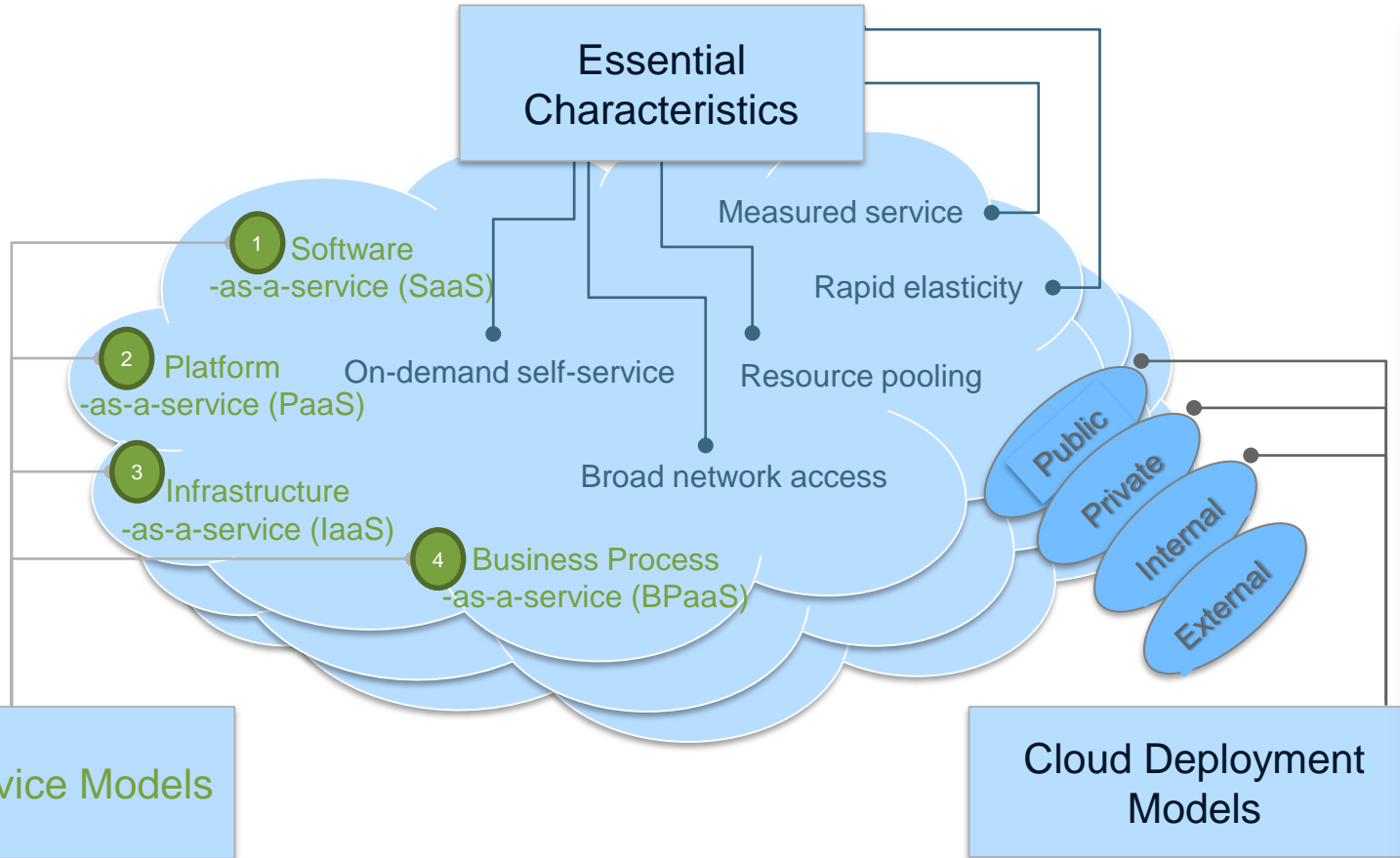


Cloud Computing Planning Guide – Cloud Service Models



Cloud Service Models

- 1 **SaaS:** The capability provided to the consumer is to use the provider's applications running on a cloud infrastructure. The applications are accessible from various client devices through a thin client interface such as a web browser (e.g., web-based email). The consumer does not manage or control the underlying cloud infrastructure including network, servers, operating systems, storage, or even individual application capabilities, with the possible exception of limited user-specific application configuration settings (e.g. Google Apps, Salesforce.com .etc.).
- 2 **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. 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 application hosting environment configurations (e.g. Force.com, Google AppEngine, Microsoft Azure .etc.).
- 3 **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, which can include operating systems and applications. The consumer does not manage or control the underlying cloud infrastructure but has control over operating systems, storage, deployed applications, and possibly limited control of select networking components (e.g. Amazon EC2 & S3, Rackspace .etc.).
- 4 **BPaaS:** Any business process (for example, payroll, printing, ecommerce) delivered as a service over the Internet and accessible by one or more web enabled interfaces (PC, smart devices and phones) can be considered as a Business Process as a Service (BPaaS)..

Source –

- State of Oregon - Software as a Service (SaaS)
- PwC - Cloud Strategy