# PaaS

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# TODAY'S AGENDA

1. Introduction to the PAAS

2. How does PAAS works

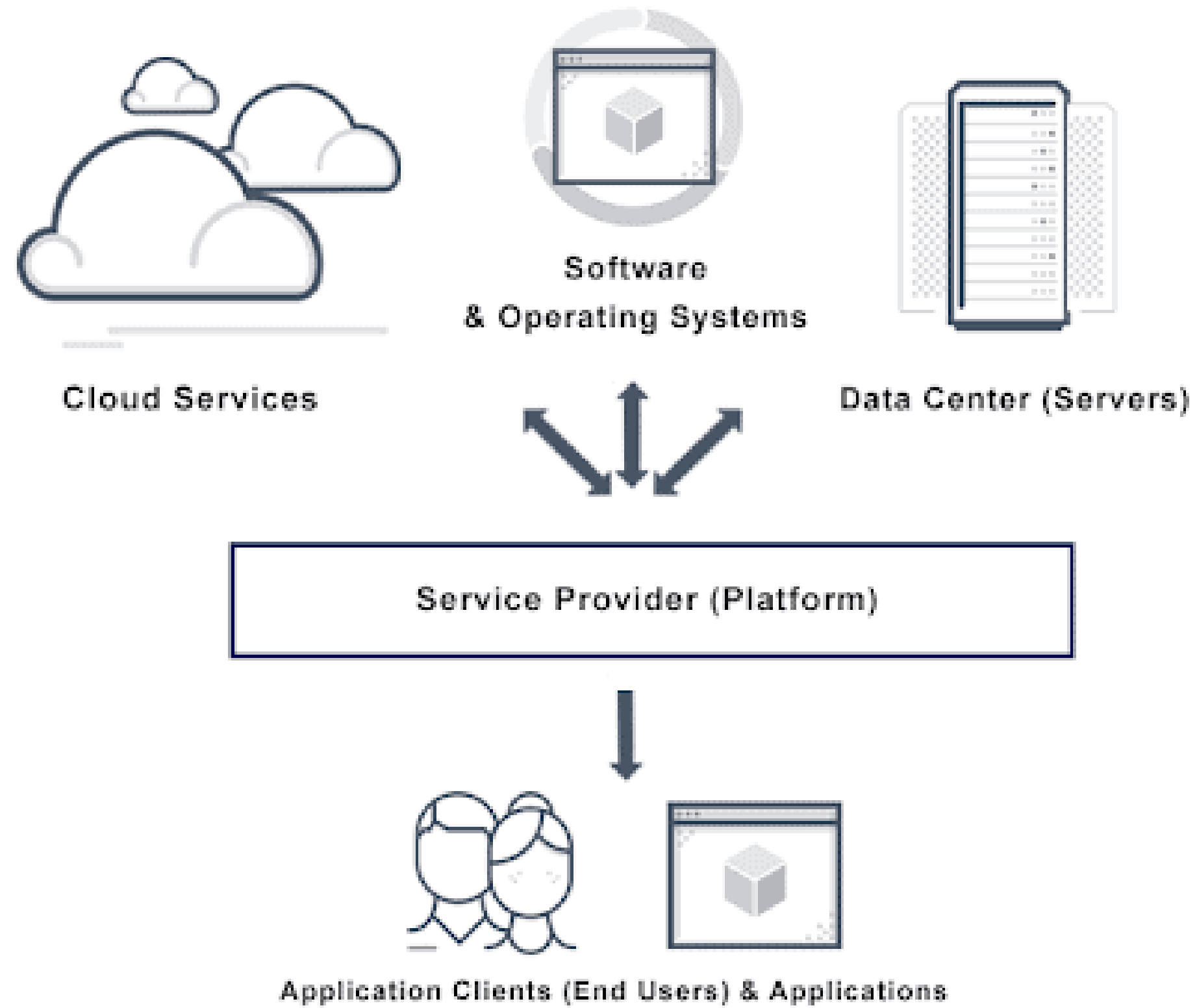3. Characteristics

4. Features

5. Examples

# What is PaaS?

- PaaS, is a category of cloud computing that provides a platform and environment to allow developers to build applications and service over the internet.

- A "Cloud Aware" application development and deployment environment.

- An abstraction level between your cloud application & your IaaS provider.

- PaaS is designed to support the complete web application lifecycle: building, testing, deploying, managing, and updating.

# PaaS
## Platform as a Service

Cloud Services

Software & Operating Systems

Data Center (Servers)

Service Provider (Platform)

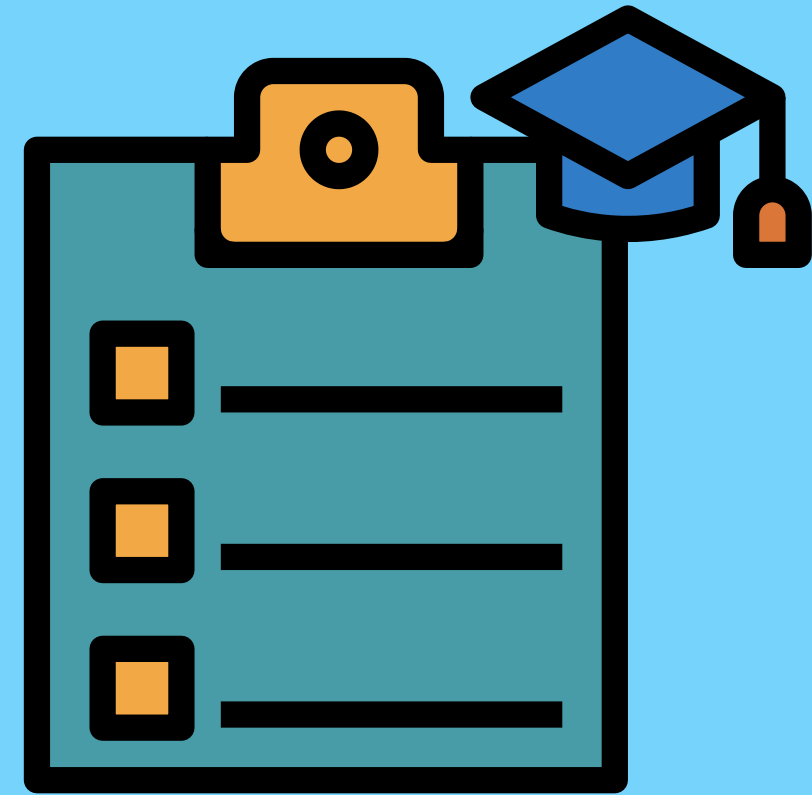Application Clients (End Users) & Applications

# How does PaaS works

- **Platform as a service** allows users to create software applications using tools supplied by the provider
- PaaS consists of pre configured features .
- The infrastructure and applications are managed for customers and support is available.
- Services are constantly updated, with existing features upgraded and additional features added.
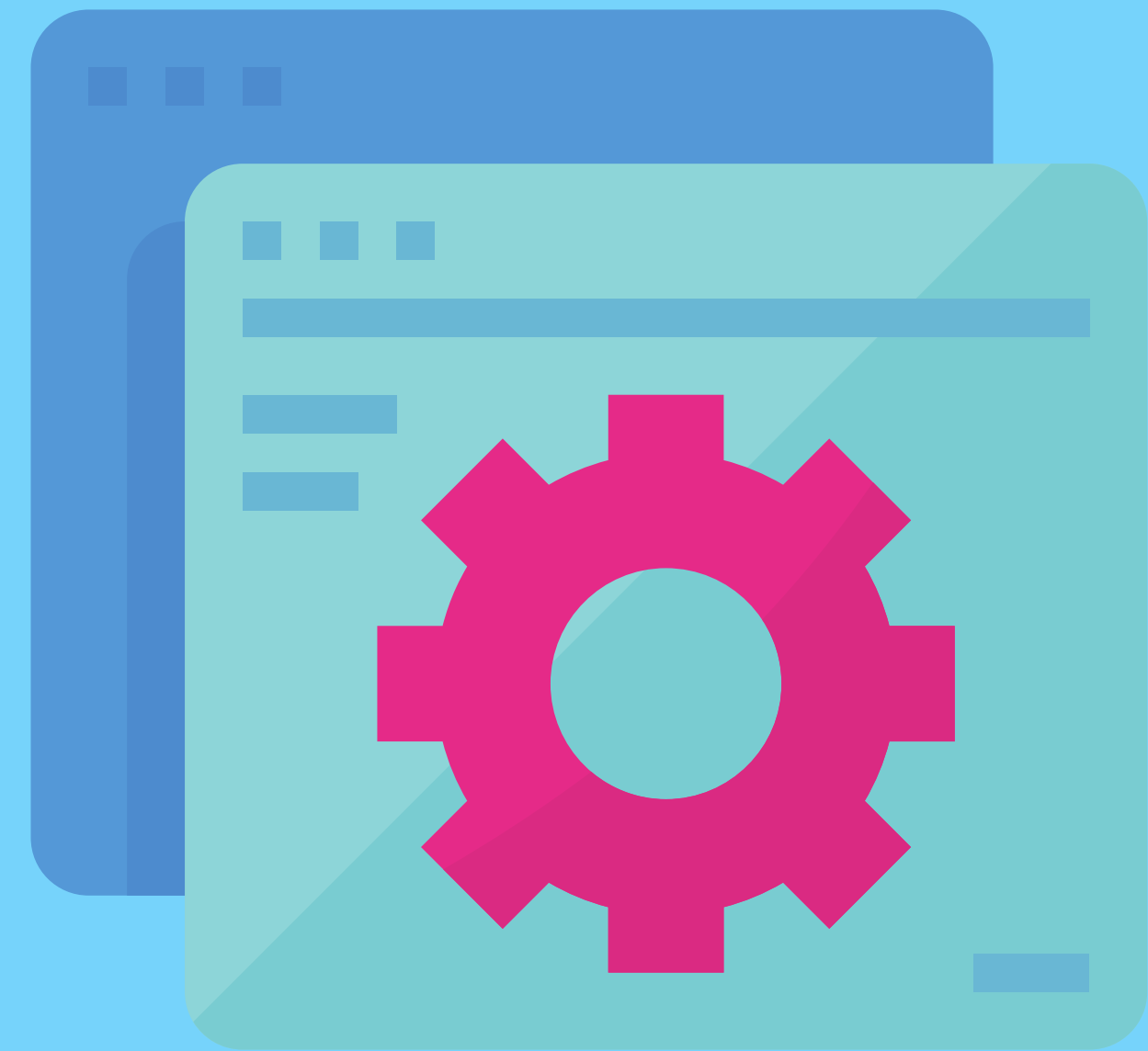
# Characteristics

- Web based user interface  creation tool

- Integration with web services and databases

- PaaS offers browser based development environment.

- PaaS makes it easy to create and deploy applications to the cloud.

# **Features**

PaaS provides
- built-in security
- scalability
- web service interfaces
- performance
- Manageability
- Accessibility.

**Examples:**

Thank You