Cloud Computing

APTA TransITech Conference

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Agenda

What is Cloud Computing?

Types of Cloud Computing

Infrastructure as a Service (IaaS)

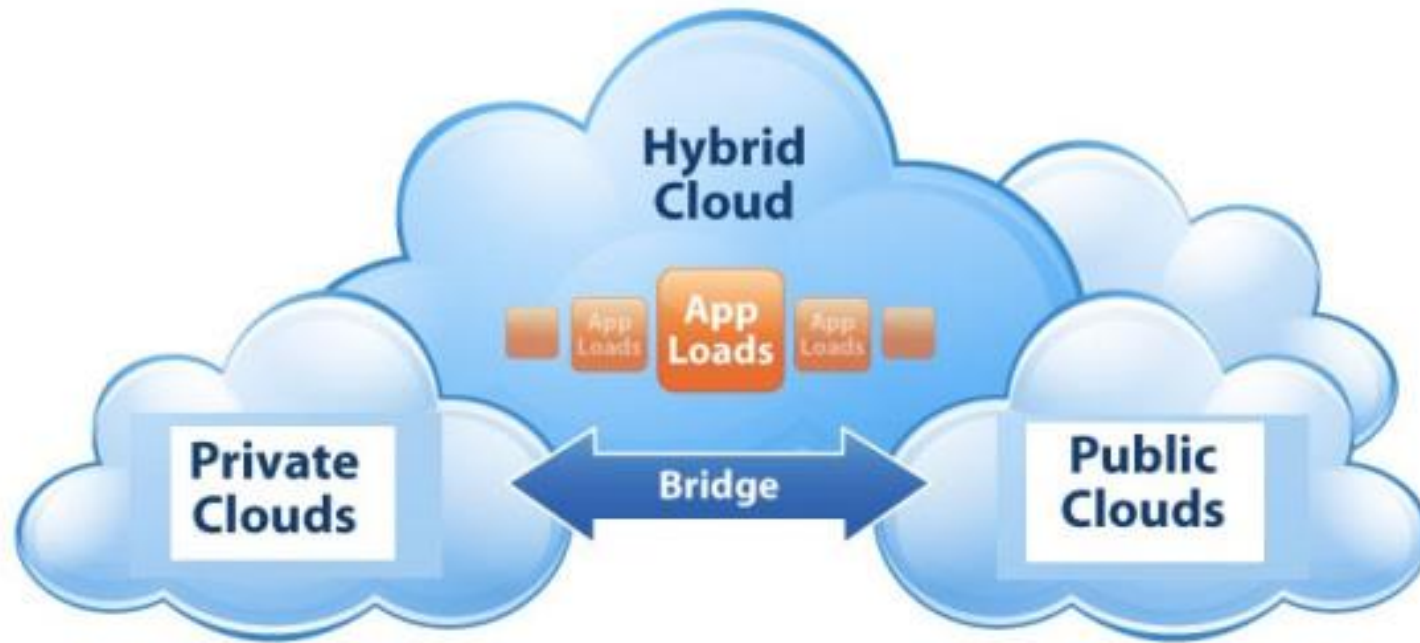Platform as a Service (PaaS)

Software as a Service (SaaS)

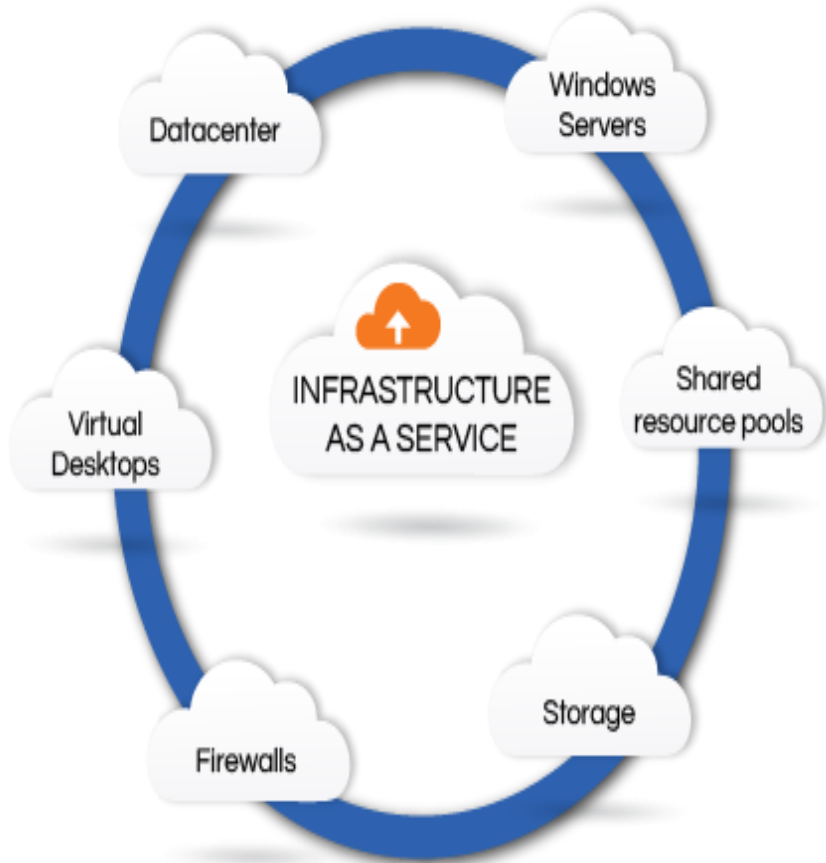How MARTA uses the Cloud

Cloud Considerations

Why Cloud Computing?

- Technological advances
- Asset depreciation
- Speed and agility
- Flexibility in resource utilization
- Data integrity and security

Types Cloud Computing

Infrastructure as a Service

- Eliminates capital expense and reduces ongoing cost
- Allows rapid innovation
- Focus on your core business
- Better security

Platform as a Service

- Cut coding time
- Add development capabilities without adding staff
- Efficiently manage the application lifecycle

Software as a Service

- Gain access to sophisticated applications
- Pay only for what you use
- Mobilize your workforce easily
- Access app data from anywhere

How MARTA Uses the Cloud

- Performance Management Tool
- Authority corporate website
- Authority-wide email
- Support for our the rail and signage project

Cloud Considerations

Things to consider when migrating to the cloud:

- What applications or components of applications can be migrated to the cloud?

- Will the cloud environment require access to on-premise resources?

- Are there portions of the cloud-based environment that should be placed in a secure segment?

- How many environments are required? Do they need to be geographically dispersed?

- **Are <u>You</u> ready for the CLOUD?**

Q & A