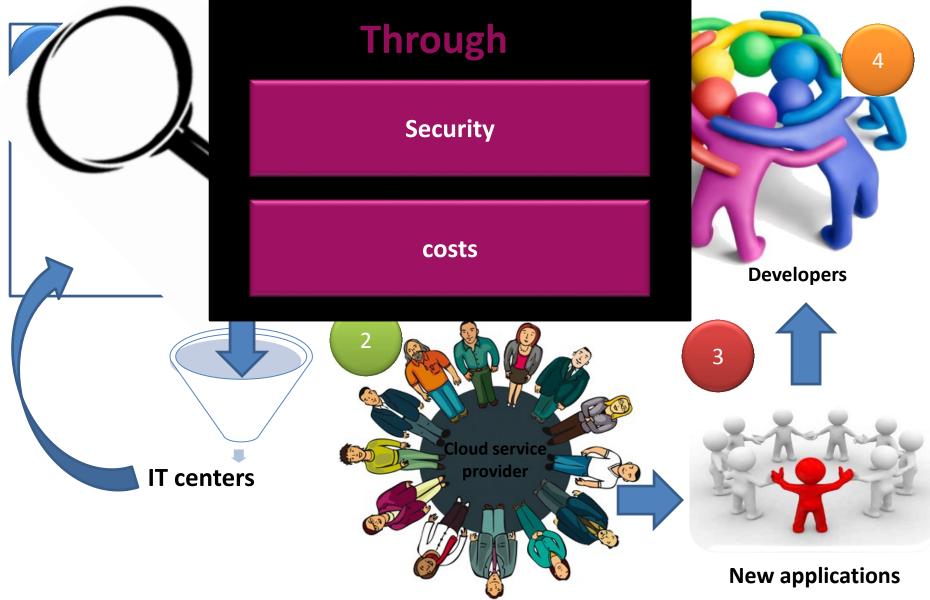
# Migration to Cloud Computing: Roadmap for Success

Mohammed Elazab, **Professor Emeritus** Higher Technological Institute, Tenth of Ramadan, Egypt **President**, Human and Technology Development Foundation **Chairman**, The Tenth International E-Learning and Cloud Computing Conference

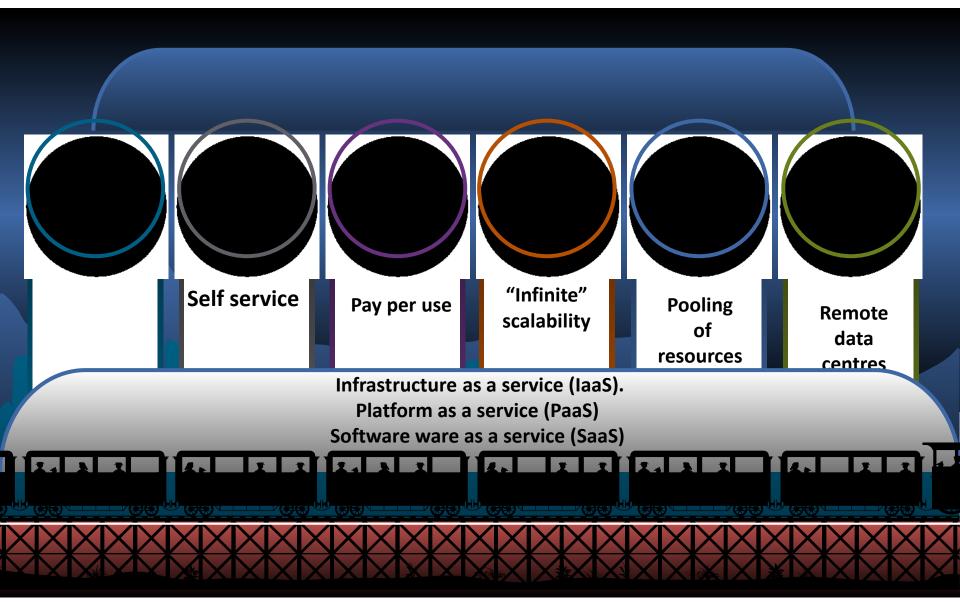
# **Cloud Computing**



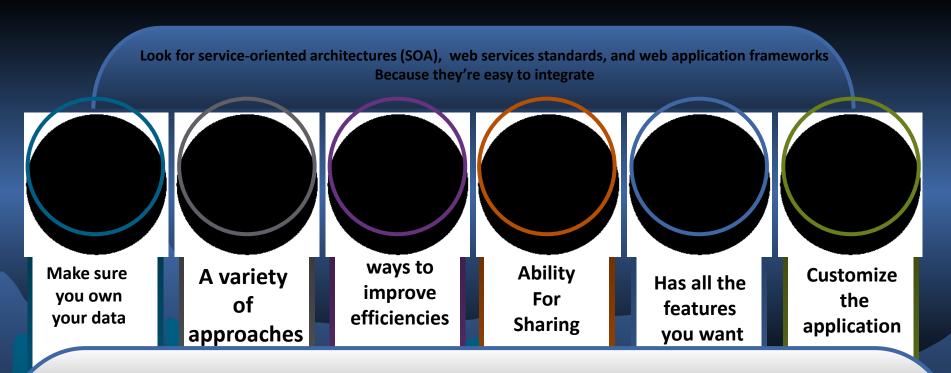
Sharing of resources to achieve coherence and economy of, scale, similar to a utility (like the electricity grid)

There is no comprehensive tool to handle the entire migration process

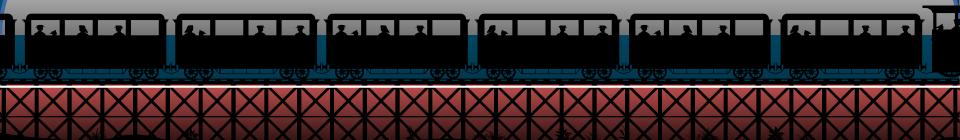
#### **Cloud Computing key characteristics**



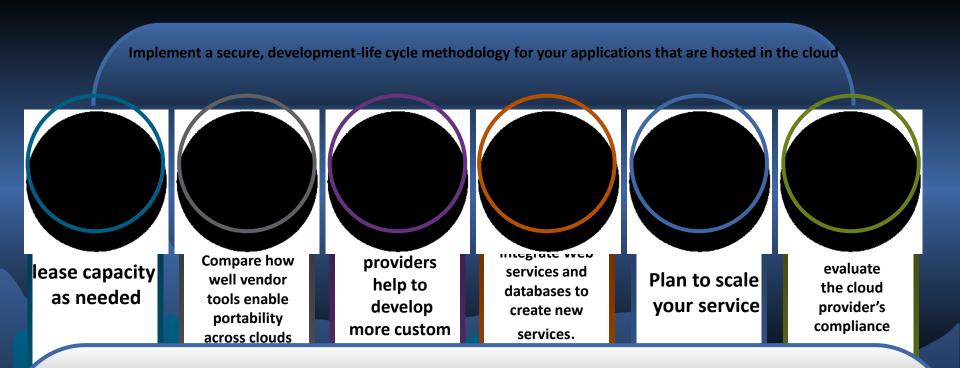
#### SaaS planning tips



#### Make Sure the client owns the data—without a time limit



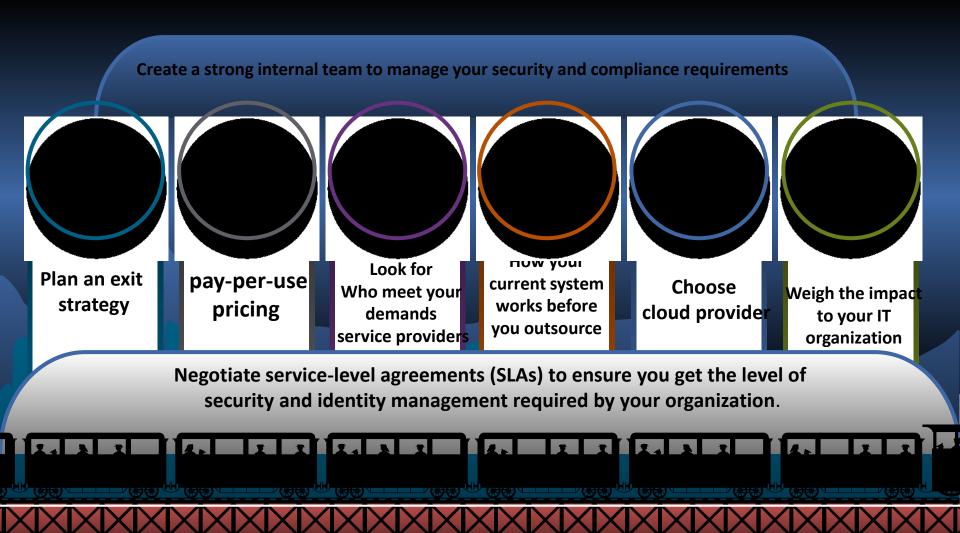
#### **PaaS planning tips**



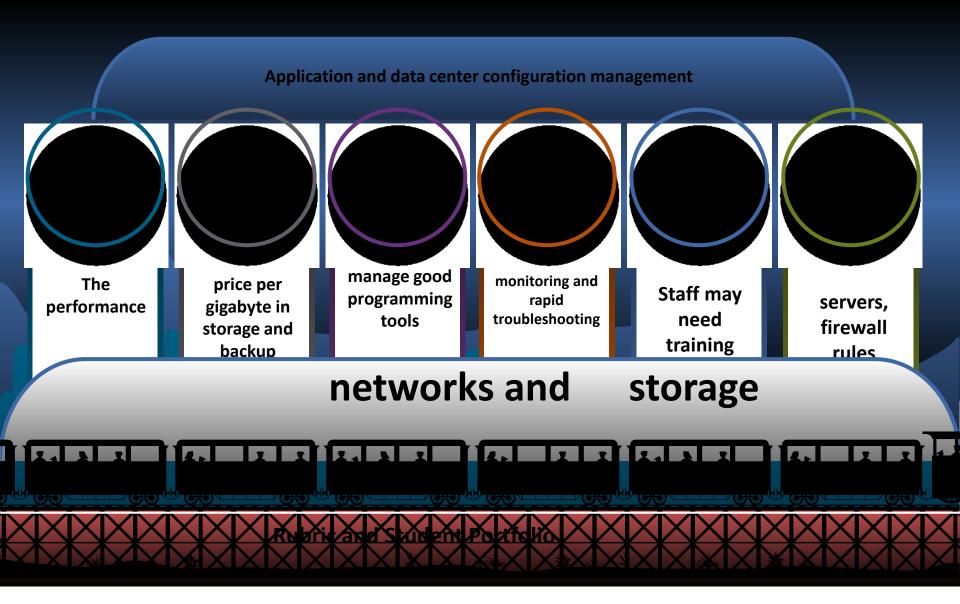
Some providers may not allow you to take your application and put it on another platform.



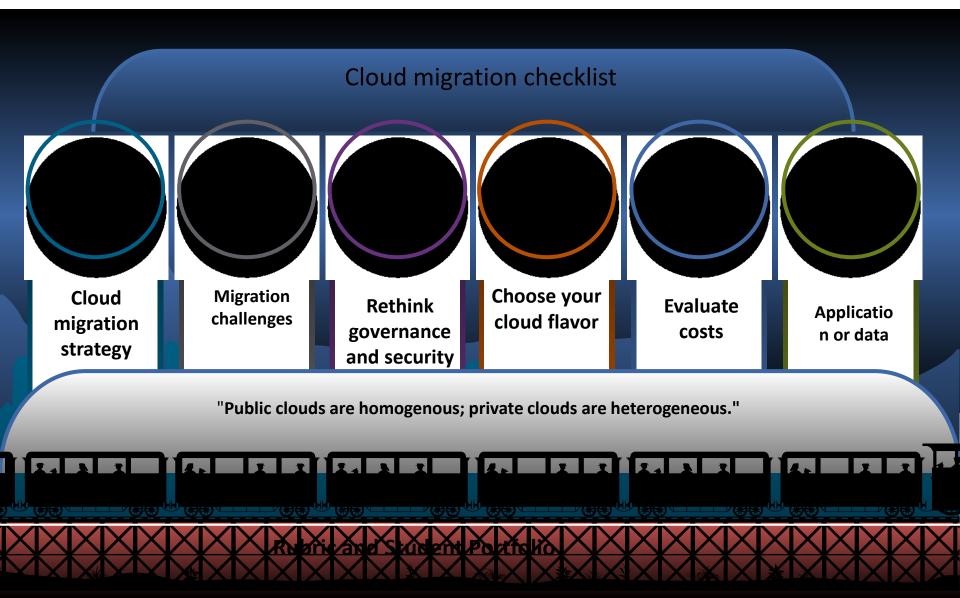
#### **IaaS planning tips**



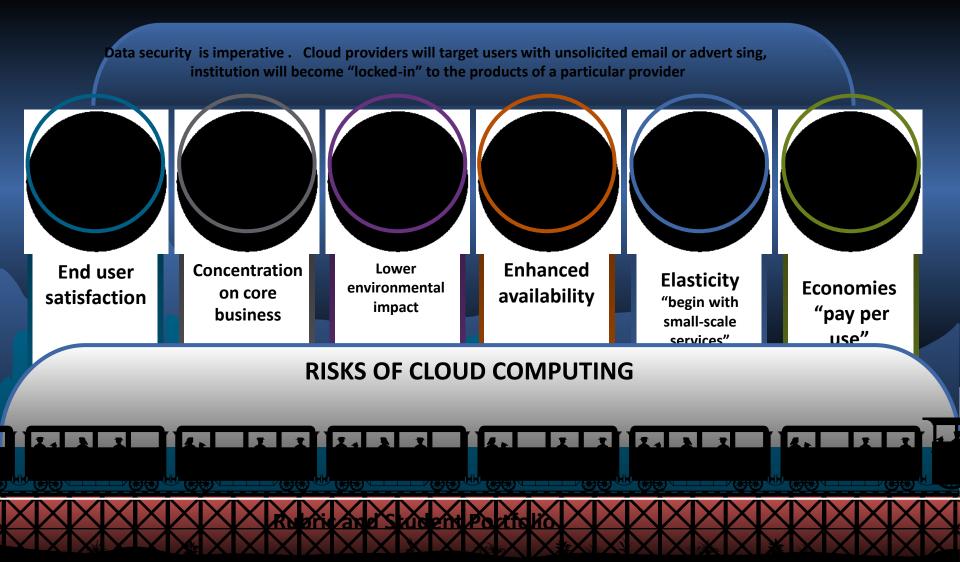
# How a cloud migration affects existing data center infrastructure



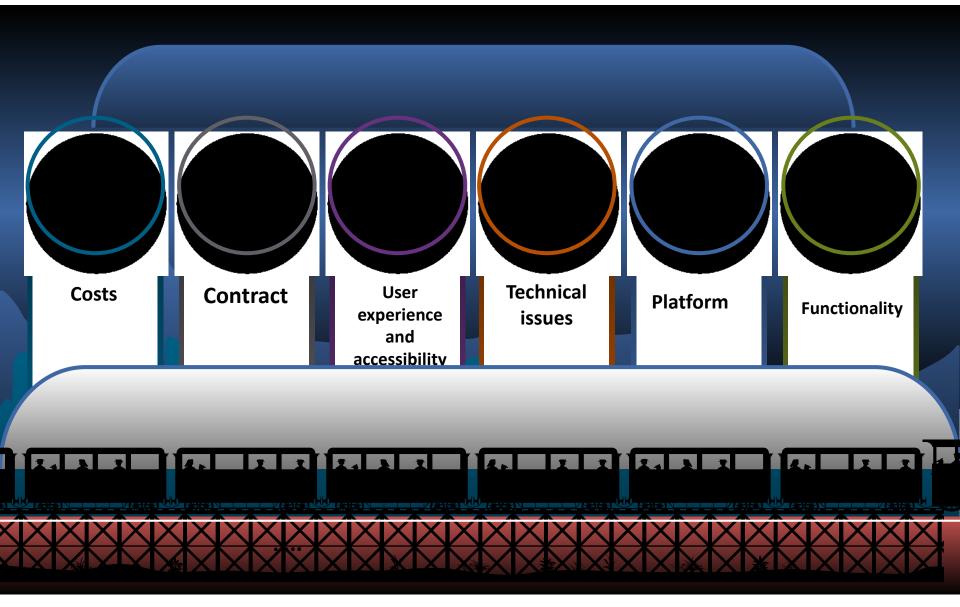
#### Planning for migration



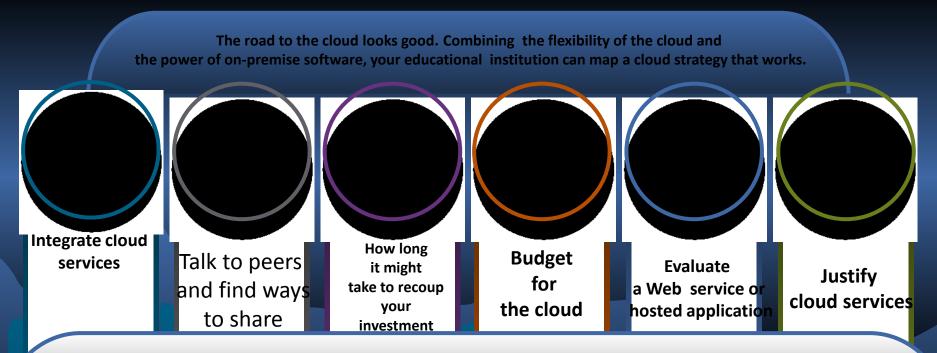
#### BENEFITS OF CLOUD COMPUTING FOR INSTITUTIONS AND STUDENTS



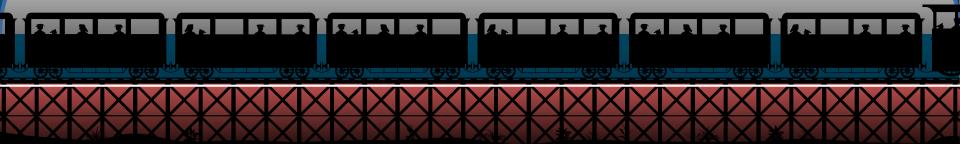
#### GUIDELINES FOR SELECTION AND DEPLOYMENT OF CLOUD SERVICES



#### **Stepping into the clouds**



Think big—especially if you're a small educational institution. Cloud services are massively scalable. Who else might benefit? Keep other departments or districts in the loop.



It's time to come up with a migration game plan and determine migration timeframes for data and applications. It's often more effective to break the migration down by workload, starting with less critical applications.

## Is a private cloud for you?

To determine if it's the best cloud model for your organization, ask these four questions: 1. Do you have a business problem that can be solved using

cloud techniques?

2. Are your security and regulatory challenges sufficient to block consideration of the public cloud?

3. Will a private cloud improve productivity and/or profits?

4. Can your organization change how it applies technology to business solutions?

## Questions



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