## Schedule of Course Activities: Session 25

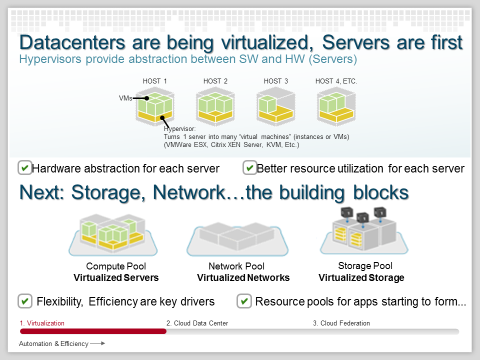
## *[Cloud 519: Introduction to Cloud Computing Online-Based]*

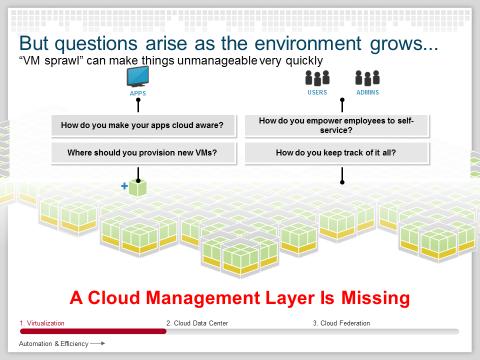
## *[Instructor: John C. Chan]*

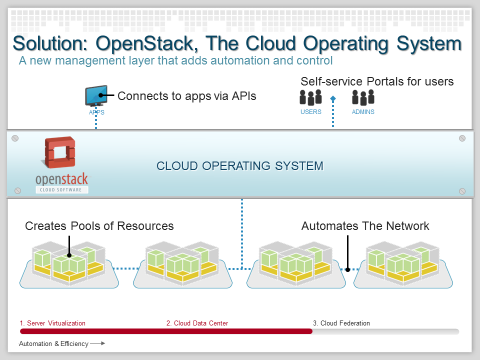
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| --- | --- |
| **Overview of Session** |  |
| We will answer the following questions: | 1. OpenStack 2. Main features. 3. … |

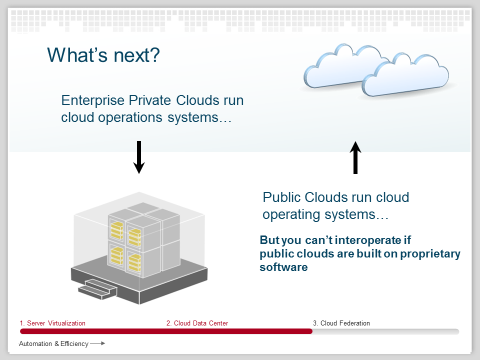
OpenStack is more encompassing than CloudStack. We briefly learn about OpenStack earlier in the class.

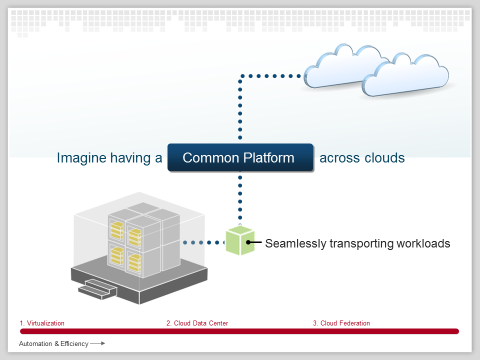
In this class module, we examine OpenStack a deeper.

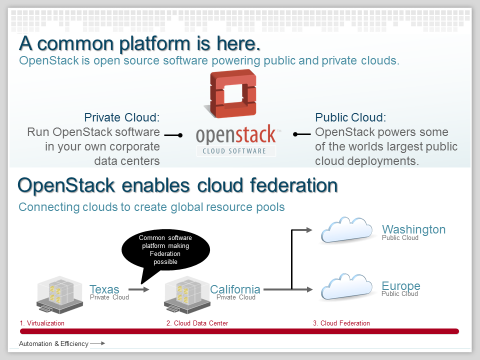






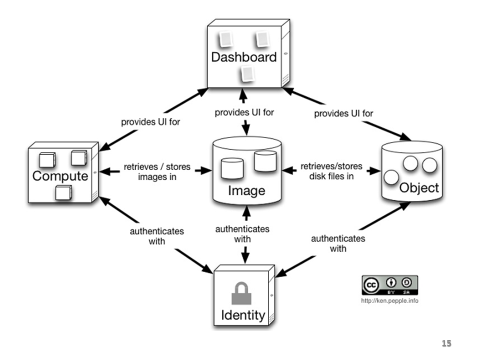








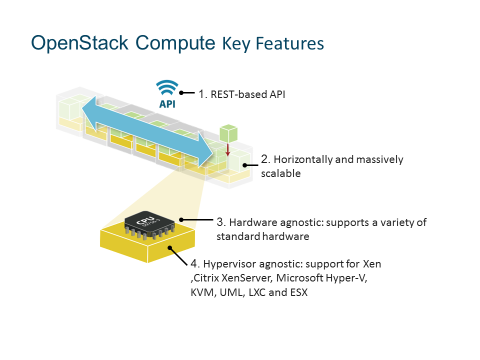
**OpenStack Operation Model, the Concept:**



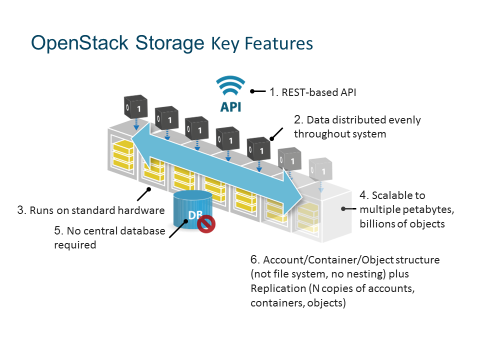
“Images”: the many OS flavors, File System Flavors, etc.

“Object”: the data resources.

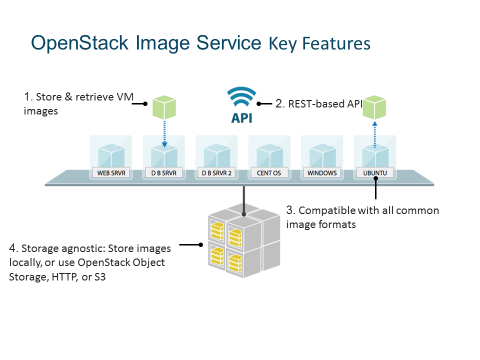
**The “Compute” Aspect of Cloud:**



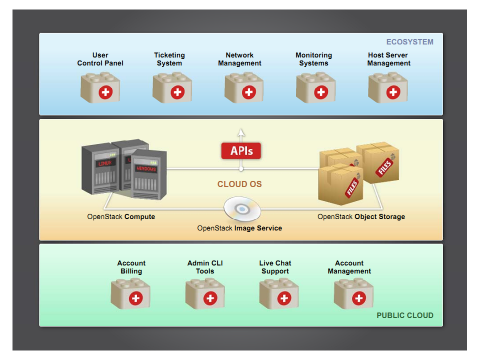
**The “Storage” aspect of Cloud:**

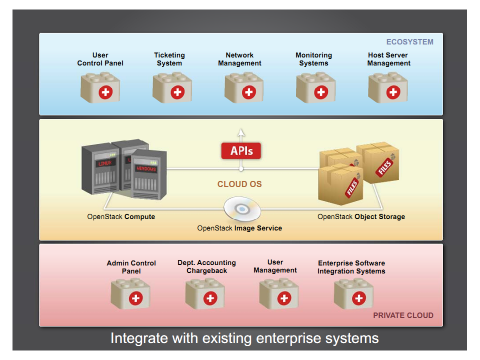


**How OpenStack does manage and retrieves the various OS?**



**OpenStack Usage Models:**





Further detail on OpenStack (including its “Network” aspect of Cloud), is beyond this introductory class. We will explore the subject in the follow-on class.

Let’s complete this class module, by watching this introductory video on OpenStack:

<https://www.youtube.com/watch?v=c1GFoY4btpo>

Key Take-Away:

* Existing Cloud Computing layers.
* Open Source.
* Major Blocks.
  + “Glance” Images.
  + “Nova” Compute.
  + Network.
  + “Swift” Storage.
* …

End-of-Class Module.

Questions? Please email to me, or post it on Blackboard.

Thank you.