CS15-319 / 15-619
Cloud Computing

Recitation 6
February 19th, 2013
Announcements

• The course organization on OLI
  – Small layout improvements of OLI units

• Encounter a general bug:
  – Post on Piazza

• Encounter a grading bug:
  – Post Privately on Piazza

• Post feedback on OLI
Project 2 Student Progress

• Part 1: Provisioning Variation
  – Provisioning Variation
    • 96% completed
  – Network Bandwidth Analysis
    • 75% completed
  – Provisioning Variation in Larger Instances
    • 85% completed
New Modules

• One module in Unit 3
• Three modules in Project 2
Unit 3: Virtualizing Resources for the Cloud

• Available modules
  – Module 6: Introduction and Motivation
  – Module 7: Virtualization
  – Module 8: Resource Virtualization – CPU

• Next week:
  – Module 9: Resource Virtualization - Memory
  – Module 10: Resource Virtualization – I/O

• Later:
  – Case studies
Project 2

• Part 1: Provisioning Variation
  – Provisioning Variation
  – Network Bandwidth Analysis
  – Provisioning Variation in Larger Instances

• Part 2: Virtualization (due February 24)
  – Virtualization Taxonomy
  – Para vs. Full Virtualization
  – Virtual Machine Isolation

• Part 3: Available next week
Notes on Projects

• Manually evaluated answers are marked wrong on OLI – don’t be alarmed
• Follow instructions in OLI project modules:
  – Examples:
    • Enter s3 location of code not the code
    • Enter upper triangular matrix of bandwidths not output of your program
    • Post queries on Piazza rather than within OLI checkpoint quiz
Discussions

- Your questions...
Upcoming Deadlines

• Project 2:

<table>
<thead>
<tr>
<th>Module 12: Virtualization</th>
<th>Checkpoint</th>
<th>Available Now</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virtualization Taxonomy</td>
<td></td>
<td>Due 2/24/13 11:59 PM</td>
</tr>
<tr>
<td>Para vs. Full Virtualization</td>
<td></td>
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• Unit 3:

UNIT 3: Virtualizing Resources for the Cloud

Module 6: Introduction and Motivation

Module 7: Virtualization

Module 8: Resource Virtualization – CPU