CS5224: Cloud Computing
AY2014/15 – Semester 2

"Cloud computing is cool technology, but every time it rains I lose my data!"

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Learning Objective

• Explains and discusses fundamental aspects of cloud computing concepts, models, technologies and applications
What will we cover?

A. **PRINCIPLES OF CLOUD COMPUTING**
   1. Introduction
   2. Fundamental Concepts & Models

B. **TECHNOLOGIES AND APPLICATIONS**
   3. Technologies behind Cloud Computing
   4. Cloud Architecture
   5. Applications & Paradigms
   6. Cloud Infrastructure

C. **CLOUD MANAGEMENT**
   7. Cost Metrics, Service Quality Metrics, SLAs and TCO

D. **SUMMARY & CONCLUSIONS**
Course Schedule & Webpage

• Lecture: Tue 6.30-8.30pm, LT15

• Tutor: Ms Lavanya Ramanpantula (Com 2, #B1-01)

• Consultation:
  – Wed 2-3pm (Yong Meng)
  – tba (Lavanya)

• Webpage:
  – IVLE for course announcement
  – www.comp.nus.edu.sg/~teoym/cs5224-15 for lecture slides, assignments, etc.

6 January 2015

Overview
Main Text

Cloud Computing: Concepts, Technology & Architecture, 1/e

Author : PAPADIMITRIOU
Publisher : Pearson
ISBN : 9780133387520

Available at NUS Co-op @ Forum !!
Module Assessment

- No Exam
- Quiz (closed book): 20%
- Test (closed book): 30%
- Assignment 1 (individual): 20%
- Assignment 2 (team): 30%