

# CSGE602055 Operating Systems

## CSF2600505 Sistem Operasi

### Minggu 10: Cloud System & Virtualization

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<http://rms46.vlsm.org/2/207.html>

REV55 27-Aug-2017

# Agenda

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# Week 10: Cloud System & Virtualization

- Reference: (UCB 24) (SUP WEEK10)
- Cloud System
  - Cloud Components: SaaS, PaaS, IaaS, Utility Computing, Web Services, Managed Service Providers, Service Commerce Platforms, Internet Integration.
  - Common Characteristics: Massive Scale, Resilient Computing, Homogeneity, Geographic Distribution, Virtualization, Service Orientation, Low Cost Software, Advanced Security.
  - Essential Characteristics: On Demand Self-Service, Broad Network Access, Rapid Elasticity, Resource Pooling, Measured Service
  - Amazon Web Services (AWS) / Elastic Compute Cloud (EC2) / Simple Storage Service (S3)
  - OpenStack Platform
  - Cloud Types: Private, Public and Hybrid

- Virtualization
  - Full Virtualization
  - Para Virtualization
  - Hypervisor
- Lab
  - Visit <http://os162.vlsm.org/>

# The End

- This is the end of the presentation.