

# CSGE602055 Operating Systems CSF2600505 Sistem Operasi Minggu 10: Special Topic: Blockchain

Rahmat M. Samik-Ibrahim

Universitas Indonesia

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

REV59 29-Aug-2017

# Agenda

- 1 Start
- 2 Agenda
- 3 Week 10
- 4 Virtualization
- 5 The End

# 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.