

CSGE602055 Operating Systems

CSF2600505 Sistem Operasi

Minggu 10: Cloud System & Virtualization

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

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Agenda

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- 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.