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

Rahmat M. Samik-Ibrahim

Universitas Indonesia

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

REV087 12-Oct-2017

Minggu 00	29 Aug - 05 Sep 2017	Intro & Review
Minggu 01	07 Sep - 12 Sep 2017	IPR, SED, AWK, REGEX, & Scripting
Minggu 02	14 Sep - 19 Sep 2017	Protection, Security, Privacy,
		& C-language
Minggu 03	26 Sep - 30 Sep 2017	BIOS, Loader, Systemd, & I/O
Minggu 04	03 Okt - 07 Okt 2017	Addressing, Shared Lib, Pointer
		& I/O Programming
Minggu 05	10 Okt - 14 Okt 2017	Virtual Memory
Ming. UTS	15 Okt - 24 Okt 2017	
Minggu 06	26 Okt - 31 Okt 2017	Concurrency: Processes & Threads
Minggu 07	02 Nov - 07 Nov 2017	Synchronization
Minggu 08	09 Nov - 14 Nov 2017	Scheduling
		& Network Sockets Programming
Minggu 09	16 Nov - 21 Nov 2017	File System & Persistent Storage
Minggu 10	23 Nov - 28 Nov 2017	Special Topic: Blockchain
Cadangan	30 Nov - 09 Des 2017	
Ming. UAS	10 Des - 23 Des 2017	

Agenda

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

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

- This is the end of the presentation.