



HKU Grid Certificate Authority (HKU Grid CA)

Brief Status Update

Aug 24, 2023



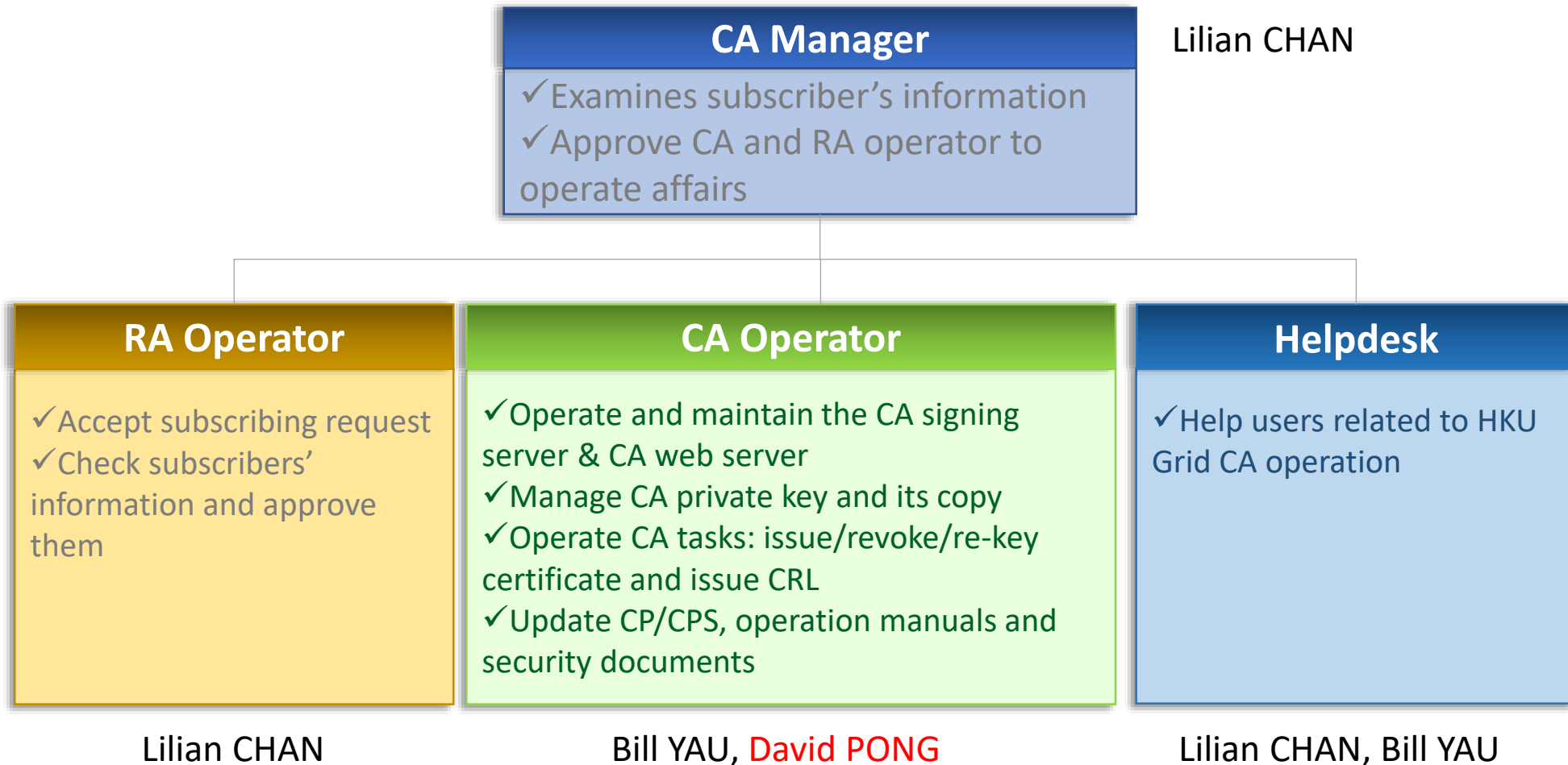
INFORMATION TECHNOLOGY SERVICES
The University of Hong Kong

Overview

- Classic X.509 offline CA operates since 2009
- Two CA certificates:
 - HKU Grid CA (Operated in 2009-2019)
 - HKU Grid CA 2 (Operates since 2018)
 - <http://ca.grid.hku.hk/>
 - Self-signed CA certificate (20 years lifetime, 2018-2038)
 - IPv6 ready
 - Support OCSPD
 - [HKU Grid CA CP/CPS v3.0](#) (RFC 3647)
 - Issue SHA-256 EECs
- Support grid related research computing in the Hong Kong region
 - HK-HKU-CC-01 (HKU EGI Grid, 2009-2021)
 - HK-LCG2 (HK ATLAS Tier-2 site, 2016-now)

Operating Organization

HKU Grid CA ~ Classical offline CA operates since 2009



Issued Certificates

(As of 23th August, 2023)

HKU GridCA 2	User Certificates	Valid	3
		Expired/Revoked	19
	Host Certificates	Valid	27
		Expired/Revoked	160

The previous root certificate “HKU GridCA” retired in 2019.
Physical machine are disposed, but the hard disks are stored in safe location.
Planned to be destroyed **this year**.



Thank You