



ASGC CA

Self-audit report

Academia Sinica Grid-computing Centre
Chi-Heng Ding

March 21, 2023

Overview

- Classic X.509 CA
- Approved by APGridPMA in Nov. 2005
- Serves Taiwan Academia Sinica and related communities
- OCSP responder: using Open CA
- CP/CPS
 - Current version: 3.0 (June 2013)
- Stable operation this year

Staff

- CA
 - User administrator:
 - Eric Yen, Felix Lee
 - Security officer:
 - Felix Lee, Laspha
 - CA operator:
 - Chi-Heng Ding
- RA
 - 60 operators from these countries
 - Australia, India, the Republic of Korea, Malaysia, New Zealand, Philippines, Singapore, Switzerland, Taiwan, Viet Nam

Statistics (as of Mar. 21th 2023)

- Users
 - Valid: 401
- User certificates
 - Valid: 110
- Host certificates
 - Valid: 186
- Robot certificates
 - Valid: 8

Self Audit

- Conducted in March 2023
 - First self-audit since the last system replacement in 2005
- Results: A

Future

- Obtain the ISO 27001 certification last year.
 - Preparing renew auditing this year.
- Plan to migrate root certification CA to SHA-2 before August, if everything goes smoothly.
 - Need to prepare new root CA and do some tests before bringing it into production.
 - Issue, revoke, ETC.