



**ASGCCA**

Academia Sinica Grid Computing Certification Authority

# ASGCCA Report

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**ASGCCA**

**21st APGridPMA**  
**18 March 2017**

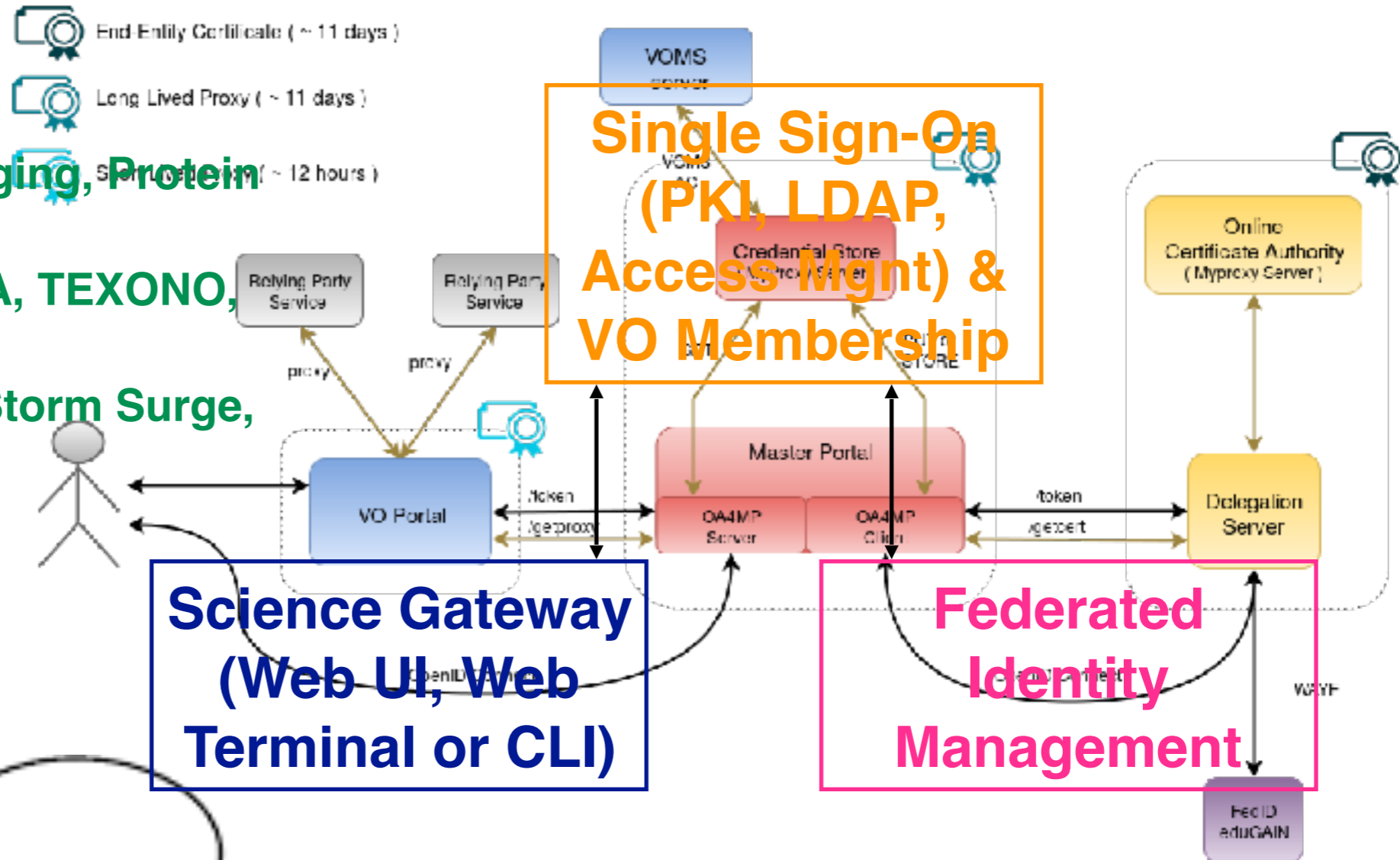


# ASGCCA Information

- Date of Last Self-Audit : July 2017
- Place : Academia Sinica
- Staff : Wayne Ho, Felix Lee and Eric Yen
- The relevant document: CP/CPS, CA cert, EE cert , Host cert and any other document available for the auditors
- Others : CA room, CA machine
- Valid Certificate
  - User: 62
  - Host: 228

# Case Study

- Life Science: Medical Imaging, Protein Analysis, Drug Discovery
- HEP: WLCG, AMS, KAGRA, TEXONO, Belle
- Earth Science: Tsunami, Storm Surge, Weather Simulation
- Multispectral Imaging
- Soundscape Analysis
- DL/AI Applications



e-Science Infrastructure & Distributed Cloud Platform over Integrated Resources in Partner Institutes or Commercial Clouds (e.g., DiCOS)

- Test bed building
- Online CA Policy, Technology & Operation
- User Types: staffs from partner institutes (w/, w/o) eduGain or IGTF CA



# Recent Changes & Future Plan

- Updated Certificate Application Webpage
- Integrated with the DiCOS (Distributed Cloud Application) System by SSO
  - Online tool to combine private and public keys is provided
  - SSO-enabled applications
- DiCOS SSO will federate with Sinica IdM (SSO)
- Updating/New CA CP/CPS for
  - Robot Certificate Services
  - Online CA services
  - Longer term (>1yr) host certificate
  - IOTA (CILogon-like)
- CILogon-Like TTS CA testbed Establishment