KEK Grid CA
General Report

Tomoaki Nakamura, Sari Kaneko, Takashi Sasaki

Computing Research Center, Applied Research Laboratory,
High Energy Accelerator Research Organization (KEK), Japan

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Staffs for operating CA

- **Organization of operating CA (minimum 7 staffs)**
  - **User administrator (one):**
    - Tomoaki Nakamura* (since Apr. 2021), Sari Kaneko*, Takashi Sasaki*:
      - Supporting all groups/VOs related to KEK
    - Takanori Hara*, Ikuo Ueda*:
      - Dedicated support for users belonging to the Belle VO
  - **Security officer (two):**
    - Go Iwai*, Shunsuke Takahashi
  - **CA operator (two):**
    - Y. Nemoto, + one staff
  - **RA operator (two):**
    - S. Ogawa, + one staff

- **Help Desk**
  - Four staffs in the help desk for the services of KEK computing research center

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* KEK Staff
2021-08-05
Overview

• Classic X.509 CA
• Approved by APGridPMA in January 2006
• Serves Japanese high-energy physics and related communities
  • Major players: Belle II, ATLAS, ALICE, ILC, Muon g-2/EDM
    • Belle II has started Physics run since March 2019.
    • In June 2020, SuperKEKB collider achieved the world's highest luminosity.
    • Belle II experiment is continuously going to take the data before the long shut down (expected roughly 10 months) in 2022.
    • Recently, Muon g-2/EDM experiment in J-PARC (VO name: mug2ej.kek.jp) started the preparation to utilize Grid infrastructure including KEK-CA.
  • System is built with NAREGI-CA middleware.
  • OCSP responder: Open CA

• CP/CPS
  • Current version: 2.3.2 (February 2021, no update since then)
• The current CA system was renewed in September 2020.
• Status of the Self-Audit was reported at the previous APGridPMA meeting in March. Planning the next audit in early 2022.
Statistics (as of August 1st)

• CA users
  • Active users: 170 (+9 from the last meeting in March)

• User certificates
  • Total: 3198 (+82)
  • Valid: 147 (+/-0)

• Host certificates
  • Total: 3821 (+109)
  • Valid: 251 (+62)

• Robot certificates
  • Total: 118 (+19)
  • Valid: 38 (+10)