

InCommon Certificate Service Webinar Outline

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UC Berkeley Documentation

Documentation on UC Berkeley's implementation of the InCommon Certificate Service is available at: <http://wikihub.berkeley.edu/x/4AEgAg>

UC Berkeley Background

- Over 30,000 students, approximately 10,000 staff and faculty, over 40,000 active hosts
- Central and Distributed IT support
 - Central IST department manages many hosts for campus departments
 - Local departments manage many of their own devices
- Central IST Enterprise Windows team already offered a PKI service which allowed personal enrollment for a variety of certs and resold Verisign SSL machine certificates
- CalNet - Identity Management team chosen to run new InCommon Certificate Service, gradually replacing the existing service as the InCommon service expands to cover a wider range of certificates
- CalNet team a small, technical staff - plan to delegate certificate administration broadly

Initial Rollout

- [Chain of trust](#) established through various levels of the organization
- [Central administration](#) - CIO approves RAO status for CalNet team - initial testing and central processing of cert requests

Initial delegation

- [Central IST DRAOs](#) - DCIO approves DRAO status for central IST staff to approve SSL certs for centrally managed hosts

Broad-scale delegation - in progress

- Establish a delegation model similar to our existing CalNet deputy process, where we delegate identity vetting, account creation, and passphrase reset responsibility to trained and "deputized" departmental staff.
- [Departmental DRAOs](#), recruited by sending requests to high-level departmental IT managers in large campus departments (Law School, Business School, EECS, etc) to appoint DRAOs
- For each department, gather enrollment information and set up DRAO account
- Continue seeking delegated admins as requests come in to central management team. Plan in-person trainings as DRAOs are identified.
- [Train delegated administrators](#) - approximate 1 hour in-person training required for all DRAOs.
- After training our first round of central IST DRAOs, they have raised a number of [interesting questions](#).

Announcing the Service to Campus

- We took a variety of approaches to [announce the service](#) to campus

Your Questions and Comments