How do we use WHOIS?

- Verification of FQDNs signed into certificates

- Domain Control Validation
  - HTTP(S)
  - DNS
  - Email...

- ‘Administrative’ email contacts:
  admin@/administrator@/hostmaster@/postmaster@/webmaster@
  ...and any email from WHOIS.
Problematic WHOIS

- WHOIS without email address
- Non-automated WHOIS (CAPTCHAs)
- Rate-limiting or other restrictions
- Formatting
- WHOIS privacy (email redirection works, though!)
Current Solutions

- Existing partnerships
  *Network Solutions, CSC*

- Agreements
  *SIDN, GoDaddy*

- Existing industry or customer contacts
  *PIR, MarkMonitor*
In future - a standardized process?

- Understanding of the problem for CAs
- Simple, formal contract for CAs to access WHOIS data (Understanding of the CA use-case)
- Access via standard WHOIS protocol
- Other suggestions?