

Previous knowledge on DNS, DNSSec, and the Web PKI is useful but not required.

Your Task

Motivation

This is a fun and practical thesis to explore and empirically assess a new security mechanism in the Internet. Your tasks will include:

- Set up a test domain and its name servers
- Set various different CAA records
- Try to obtain certificates from CAs
- Investigate process, technical details of DNS lookup, and effect on certificate issuance

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