

CERN CA: SHA-2 and Code Signing Certificates

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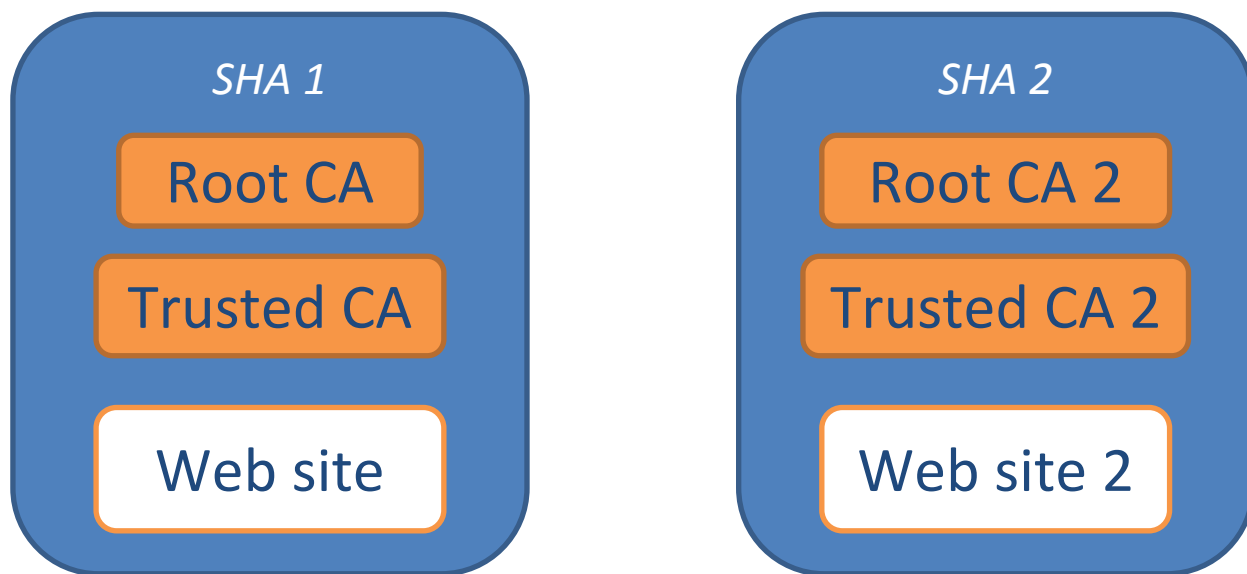
- SHA-2 support
 - Goals
 - Implementation plan
- Code signing certificates



- Don't modify existing infrastructure
- Provide SHA-2 on-demand
- Allow middleware testing
- When everything ok => make default



- Duplicate the existing hierarchy
- Exactly same settings and policies
- Ideally:
 - Enforce minimum key length = 2048
 - Increase Root & Trusted key length = 4096



- Based on currently approved CP/CPS
 - Exactly the same with new OIDs
- Nothing new to negotiate
- Ideally a simple offline review



- Currently not supported
- Robot certificate with extra bit
 - Issued following robot certificate policies
 - 2 years validity
- Issued to users at CERN
- Requests handled by web site



- Questions?

