## ICANN DNSSEC validation

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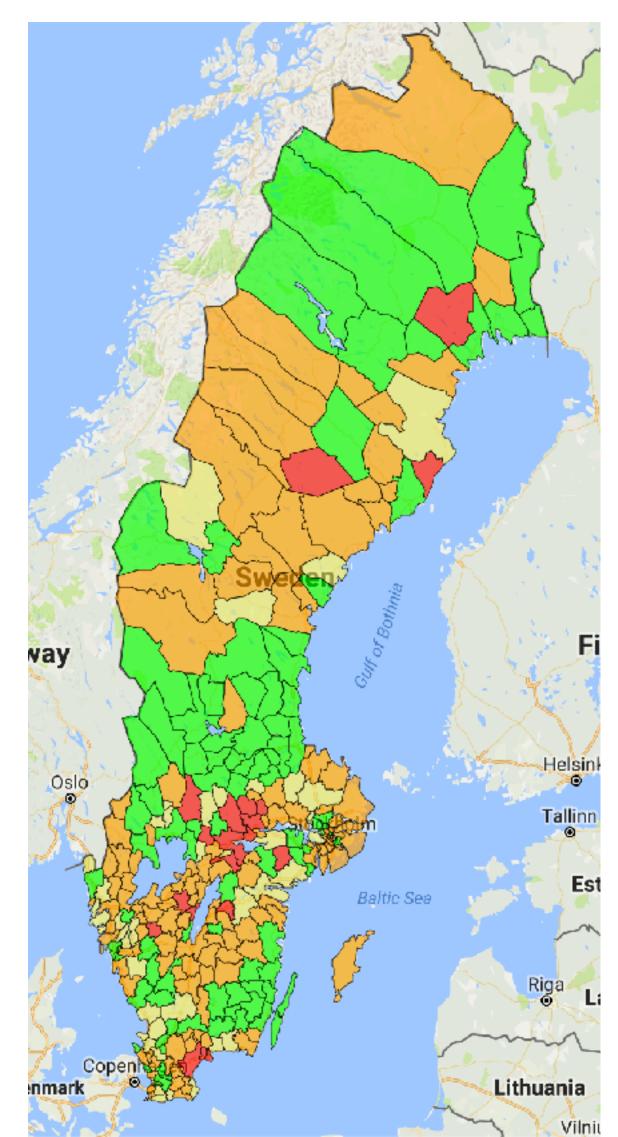
#### Ten years with DNSSEC

Interlan/me Signed ~50 municipalities

Second in Auth-DNS for Sweden municipalities

Auth DNS ~1000 - ~300 signed

ZKT and Opendnssec



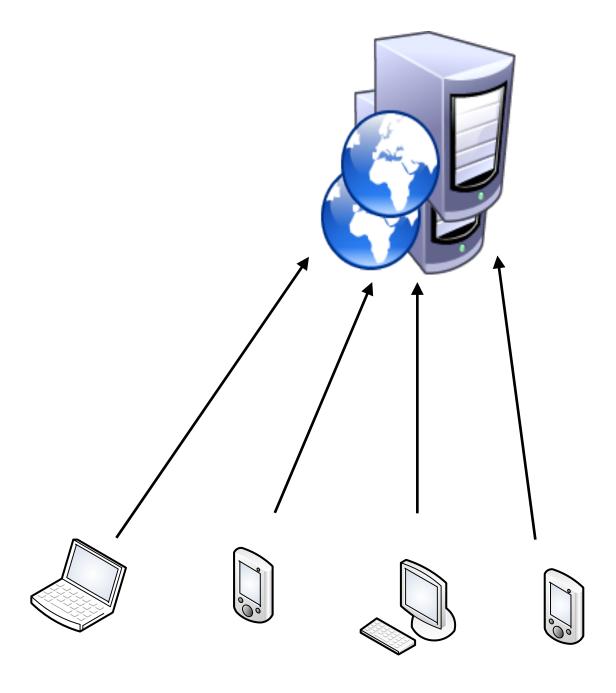
See more at https://dnssecandipv6.se/



### Ten years with DNSSEC

Unbound resolver cluster ~10 minor ISP's

~30 000 Subscribers

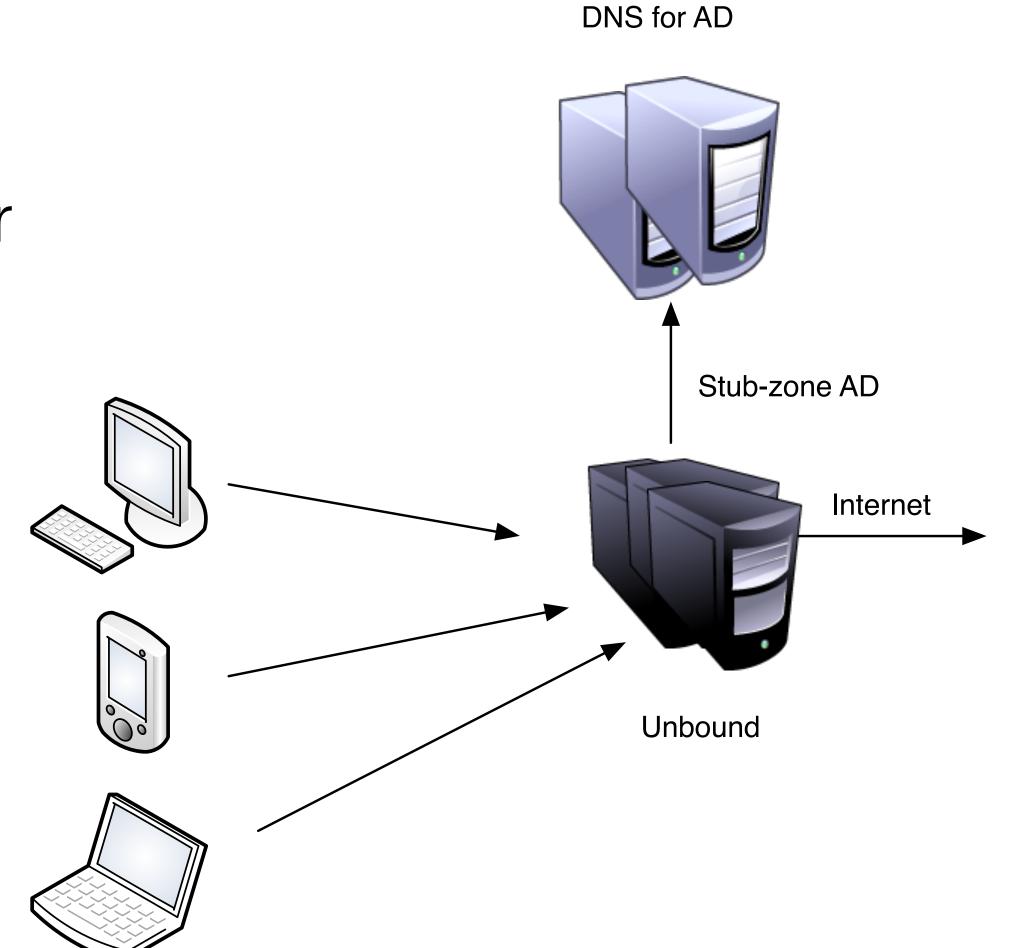




### Ten years with DNSSEC

Munucipalities and Enterprise

Use Unbound as resolver for performance and "easyness"





#### Problems??

- <u>gavle.se</u> 2007
- ns.? can't reach HM and vice versa
- Time sync problem HM's clock is very important!
- Some KSK problem before root signing



# KSK rollover - whats the problem??

