# Why image is worth having an eye on

Barbara Jantzen < barbara@desec.io >

DNS OARC 45 – October, 2025 – Stockholm

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- TRIGGER WARNING -This talk may contain traces of emotions.

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- is old
- is uncool
- is dead
- is complicated to implement and to use
- is expensive
- causes outages
- burdens the Camel
- is unnecessary
- doesn't do confidentiality

- is not perfect
- is "not what our customers want"



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- is unheard of ("Sorry...DNS-what?")



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  best of all scenarios!
- nopody uses it anyway



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- is unheard of "" = best of all scenarios!
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- can't be good, because if it was, it would be much better deployed 8



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  = best of all scenarios!
- nopody uses it anyway
- if it w = vicious circle
  much better deployed



#### **DNSSEC History – Just rationality and causality?**

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- In some contexts especially, DNSSEC is peddled to everyone regardless of their technological maturity, leading to massive outages.
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- 2015: a roaring blog post called "Against DNSSEC" sets a DNSSEC-bashing trend.
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  - Tell whatever story needs to be told. Just, don't leave it to others. And, after you started it, be alert to the versions that will be unfolding, and react.
  - If you face a substantial image problem, engage in storytelling, and deeply so.





make DNSSEC <u>simpler</u> by automation



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 design reliable automation to handle multi-signer setups and DS updates, in close coordination with the involved parties



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  - Peter Thomassen: "Towards an Industry Best Practice for DS Automation" https://indico.dns-oarc.net/event/55/contributions/1180/





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  - > put outdated publications into perspective
  - communicate in a balanced, non-evangelizing way, allowing people to make informed decisions about whether they should use DNSSEC
- reach out to the community by injecting lightheartedness and selfdeprecating fun into the talk on DNSSEC (→ pecha kucha at IETF conferences, talks like this one, social media items, such as Fakebook on DNSSEC history, memes etc.)







#### Outlook

- We won't start DNSSEC afresh. But, with automation, there is a chance to make DNSSEC more widely available and manageable.
- Let's make use of this chance and try not to fall back into missionary black-or-white statements that have done no good.
- As DNSSEC can't afford any more damage to its image, let's work on the DS automation guidance with the scope to eliminate every possible source of breakage.
- And, once in a while, let's have a good laugh about all this.



# Thank you!

Questions? Comments? Ideas?



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