

# Migrating a high-value domain *while maintaining inner peace*



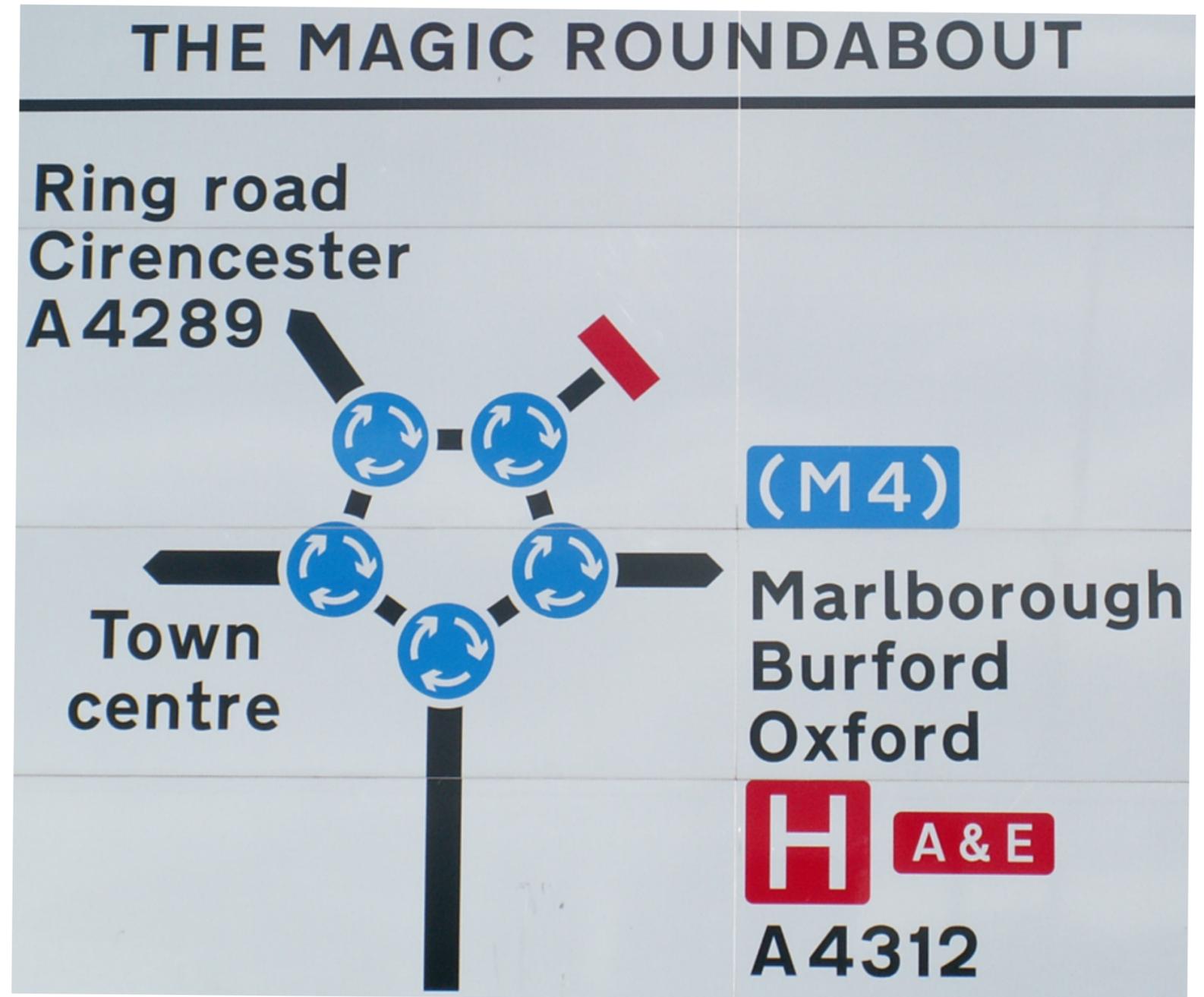
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**SURF** **NET**

# Why migrate?

- We had a fairly complex set-up with shared keys
- We were using an old version of OpenDNSSEC that did not really support this



# Guiding principles



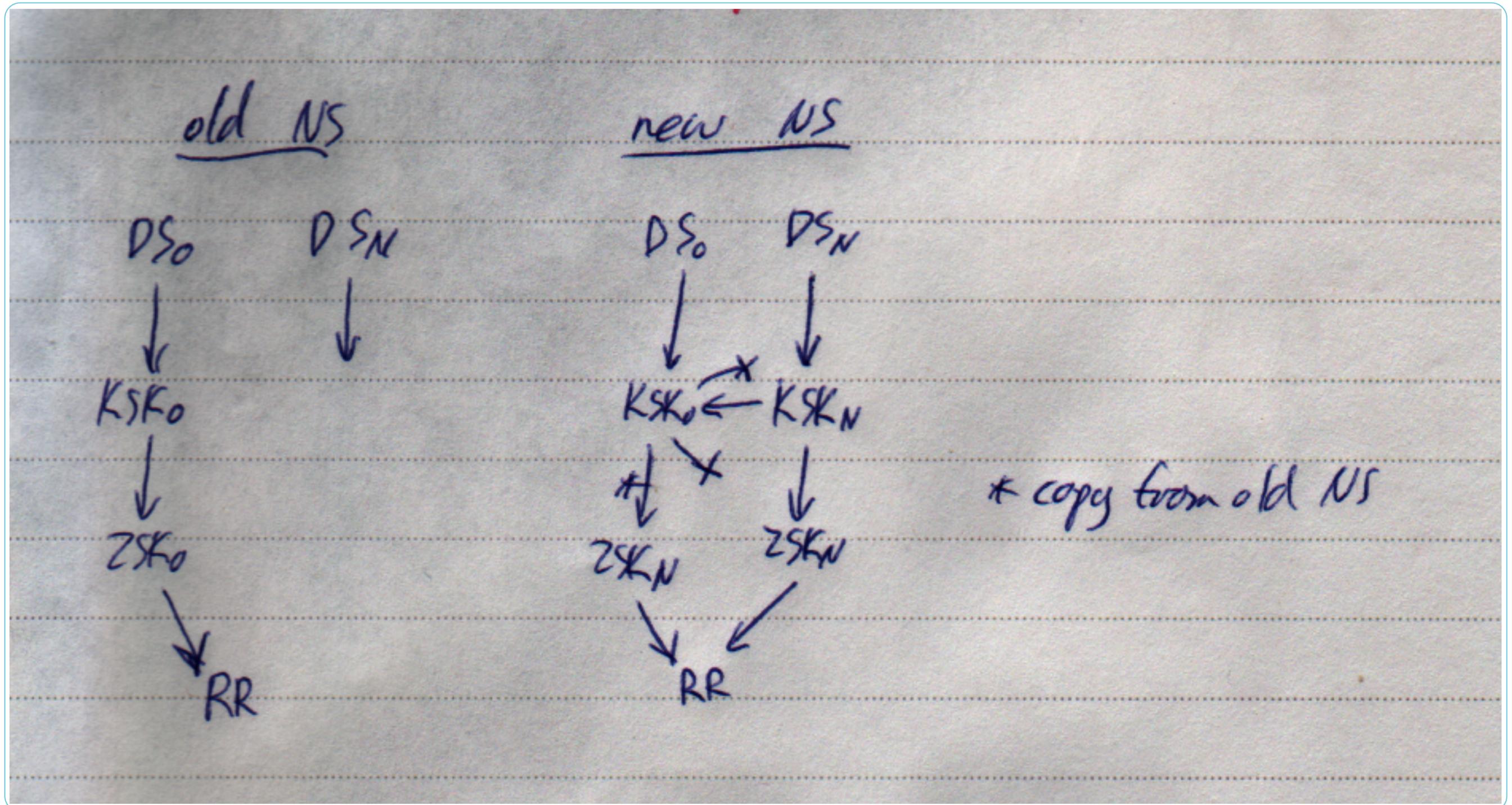
# Guiding principles



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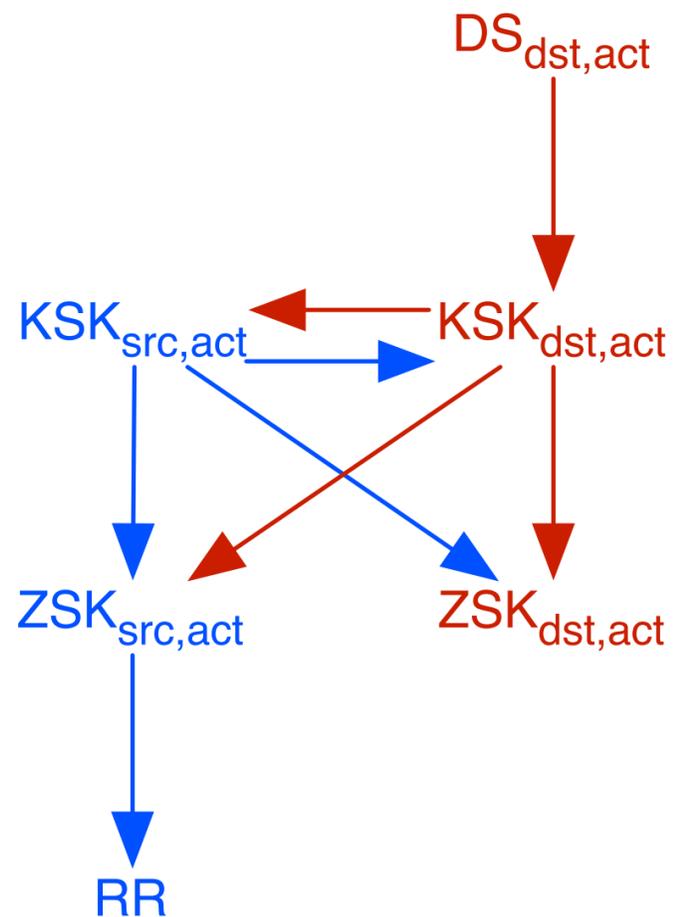
- **Manual zone editing shall be kept to a minimum**
  - Less room to make (stupid) mistakes in a high stress environment
- **The migration must take place as quickly as possible**
  - Preferable within a day

# Preparing

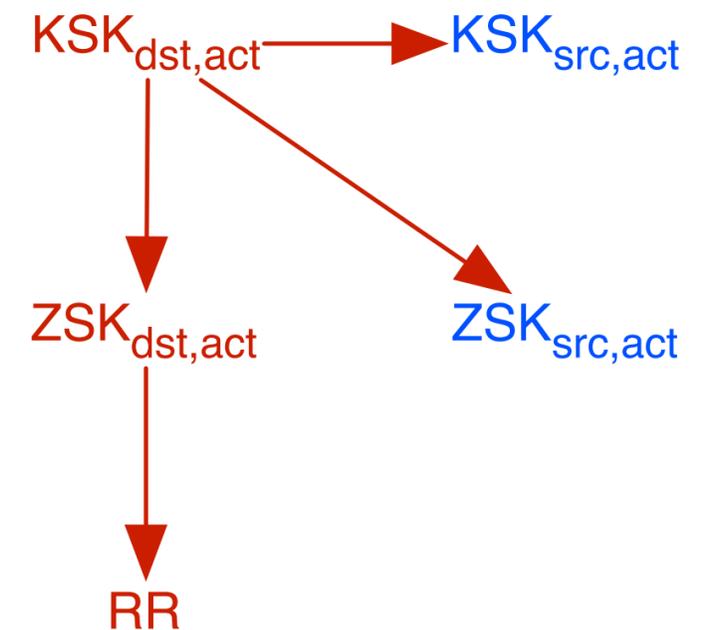


# Preparing

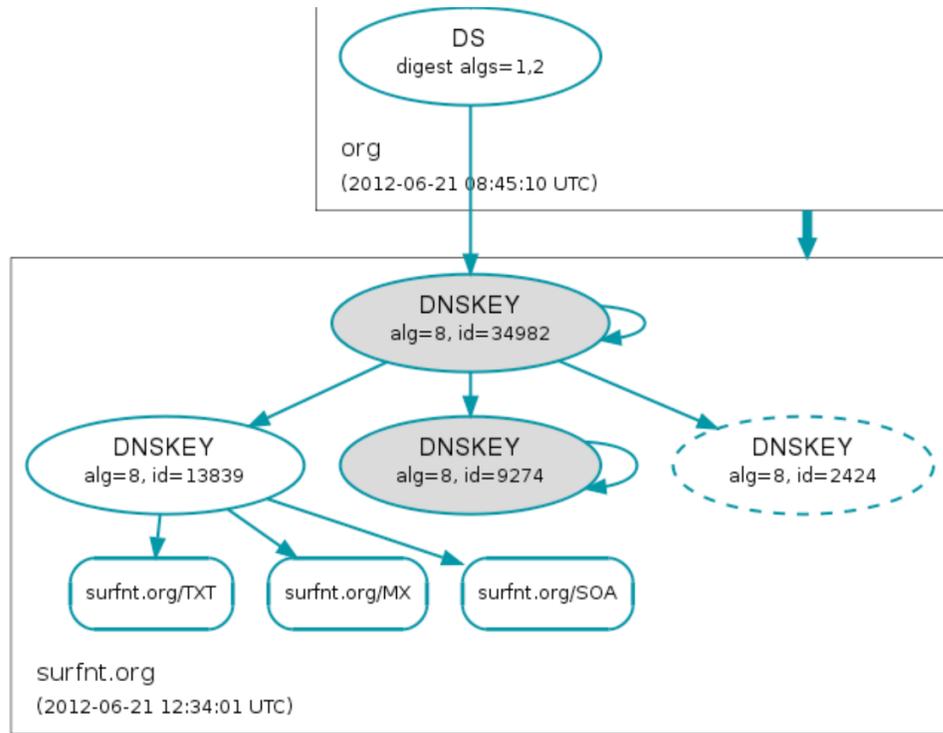
Situation on source signer



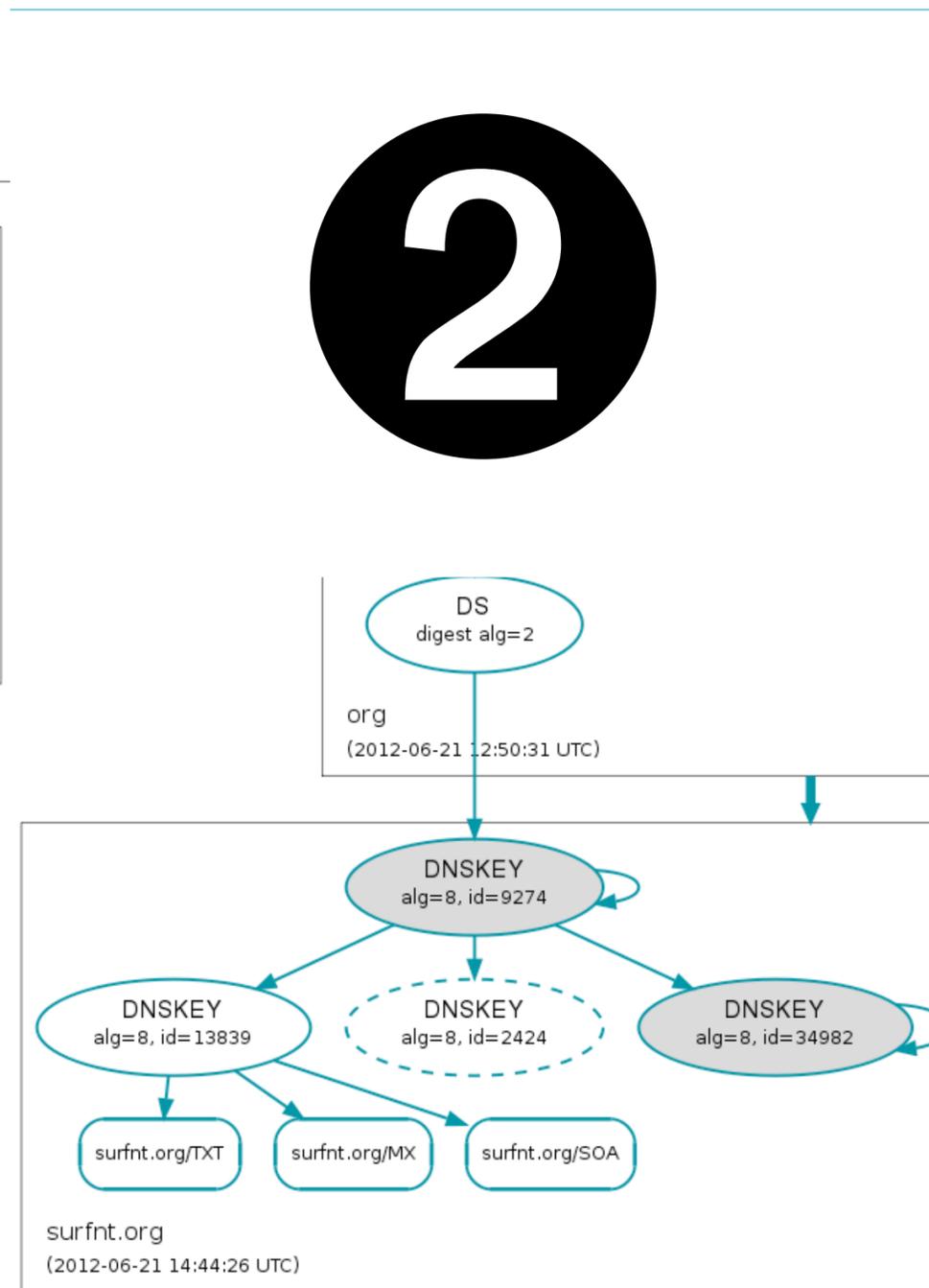
Situation on destination signer



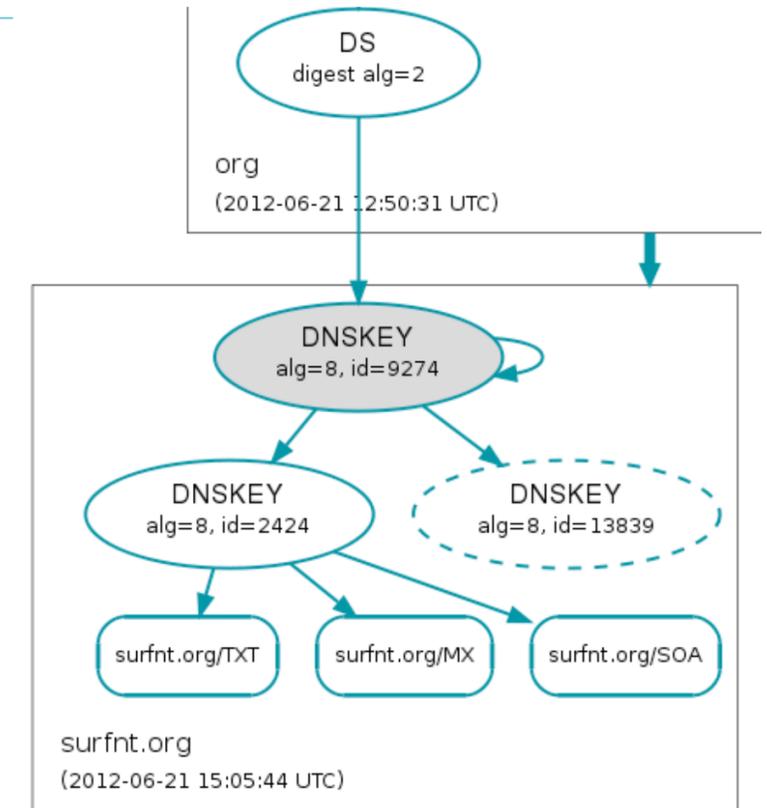
# Testing with a live domain



1



2



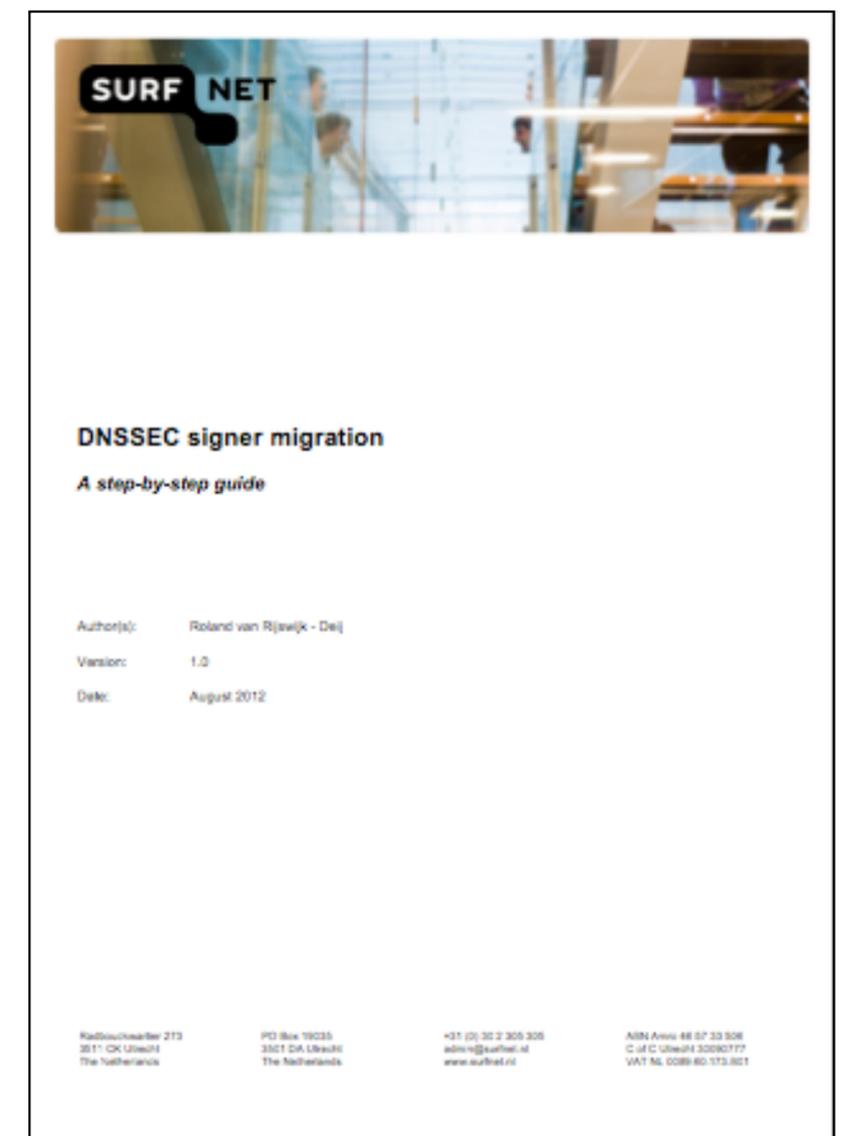
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# Actual migration

- **We performed the actual migration on the 4th of July**
- **Migration took about one day**
- **Nobody noticed anything, and that is exactly what we had hoped for**

# Lessons learned

- Providing input based on our experience to draft-koch-dnsop-dnssec-operator-change <http://bit.ly/draft-koch>
- Published detailed document about our process and blogged about it on our DNSSEC blog <https://dnssec.surfnet.nl/>





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Questions? Remarks?

Read our blog: <https://dnssec.surfnet.nl/>