

DNS Delegation Automation

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Automate or not to Automate ?

- DS is derived from DNSKEY via CDS or CDNSKEY
- For NS parent is authoritative for existence, child for content

Information is available in real time,
Changes over time
Accuracy improves the eco system



Welcome to the 21'st century

- Cloudflare Registrar
 - pushes DS record to Registry
 - Removes DS when users disable DNSSEC or leave
 - Deletes DS on incoming transfers
- DNS authoritative service
 - Signs on the fly
 - Publishes CDS + CDNSKEY for all DNSSEC enables zones
 - CDS 0 when users disable DNSSEC