

DPS framework

DNSSEC Policy and Practice Statement framework

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10 years of experience from DNSSEC

- » **Information Security Management**
 - DNSSEC Policies and Procedures

- » **Security Analysis & System Architecture**
 - .SE in 2006
 - Root DNSSEC Design Team 2010

- » **Research & Development**
 - IETF standardisation, OpenDNSSEC

DNSSEC Policy

Requirements Governing DNSSEC Operations

- » sets forth the requirements and standards to be implemented for a DNSSEC signed zone.
- » can be used by TLD managers or^{»»} regulatory authorities to express requirements to a registry operator
- » can also be used to define a standard, which a registry may choose to follow
- » auditable

DNSSEC Practice Statement

Operational Practices Disclosure document

- » Provide a level of assurance and transparency to the stakeholders relying on the security of the operations
- » MAY support a DNSSEC Policy by explaining how it meets the requirements of the Policy.

DPS Framework

- » a framework to assist writers of DP/DPS
- » identifies the elements that should be considered in formulating a DP/DPS (and when implementing DNSSEC)
- » may be used as a check sheet for DNSSEC readiness at a high level

DPS Framework

- » does not define a particular Policy or Practice Statement
- » does not aim to provide advice or recommendations as to particular requirements or practices

.SE revised DPS

- » Based on the framework
- » Adapted to the new environment based on OpenDNSSEC
- » Licensed under a creative commons license
- » Find the current version at
<https://www.iis.se/docs/se-dnssec-dps-eng.pdf>

Signing the root

- » Based on the framework
- » Root Zone KSK/ZSK Operators DPSs
- » Find the current versions at
<http://www.root-dnssec.org/documentation/>

Thank you

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