PKI D-Day

The PKIMetal Meta Validator: Ensuring Compliance with TLS Baseline Requirements
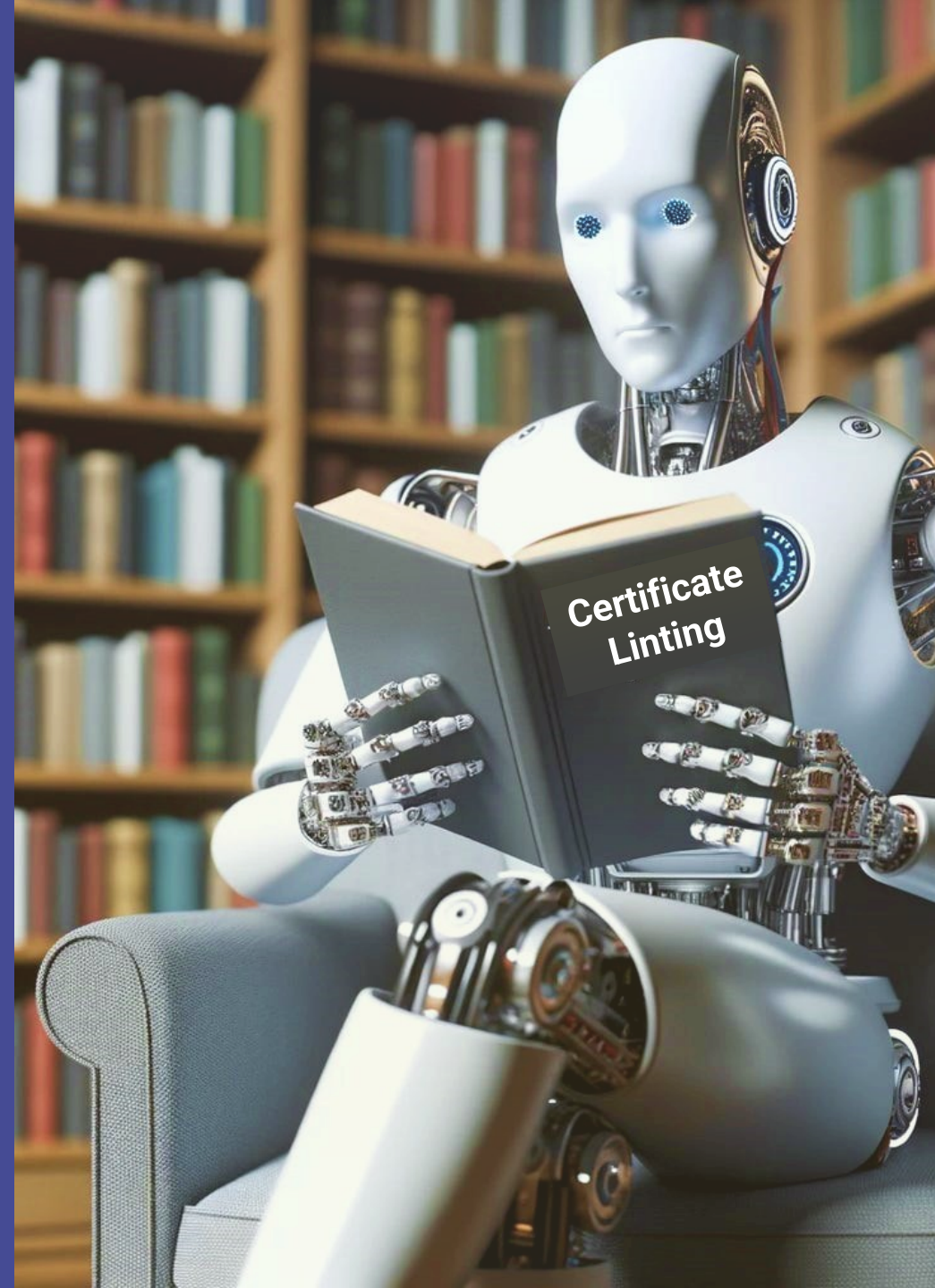
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Certificate Linters

" Certificate Linters (and linters in general) are a tool used by various public certificate issuers, normally trusted by the browser root stores and members of CA/Browser Forum in order to guard against accidental misissuance. "

- KEŸFACTOR

Certificate Linting Tools

pkilint

Opensource linting framework for documents that are encoded using ASN.1 (coverage includes PKIX, S/MIME BR, TLS BR, CRL and OCSP response, etc.)

URL
https://github.com/digicert/pkilint

Zlint

Opensource X.509 certificate linter written in Go that checks for consistency with standards (e.g. RFC 5280) and other relevant PKI requirements (e.g. CA/Browser Forum Baseline Requirements)
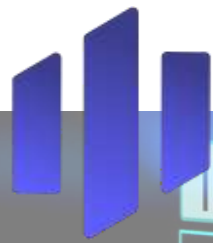
URL
https://github.com/zmap/zlint

pkimetal

Opensource PKI "meta linter" that integrates pkilint, Zlint, and several other linters behind a simple REST API, which supports pre-issuance and post-issuance linting of certificates, CRLs, and OCSP responses

URL
https://github.com/pkimetal/pkimetal

Keyfactor
EJBCA & pkimetal

External Command Validator require linter to be present locally in script form on the local machine

Developed by Sectigo that combines all extant linters behind a REST API and packages them in a container.

EJBCA 9.2 supports integration with pkimetal using REST API

Thank you

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