



Automating Compliance Processes with ibm.github.io/compliance-trestle/

ANCA SAILER
Distinguished Engineer
IBM Research

Agenda

- What is Trestle?
- Compliance Artifacts and Compliance as Code
- Trestle Applications
- Trestle and NIST Compliance as Code Standard:
Open Security Control Assessment Language (OSCAL)

What is Trestle?

<https://ibm.github.io/compliance-trestle/>

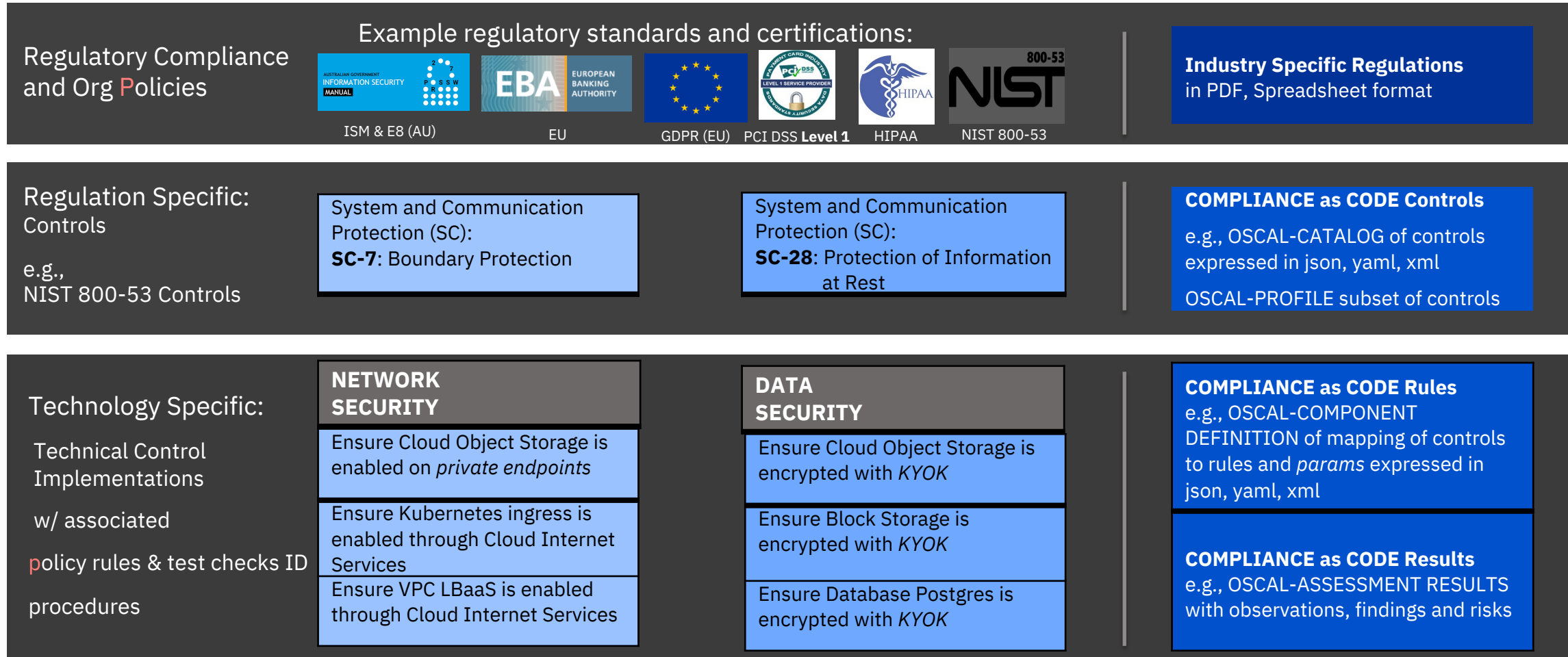
Trestle is an **open-source for managing compliance artifacts** as an automated workflow.

Trestle is a **collaborative platform** for the various compliance personas to orchestrate their individual aspects of the compliance artifacts via the interface of their choice. The automated workflow ensures their consistency and traceability.

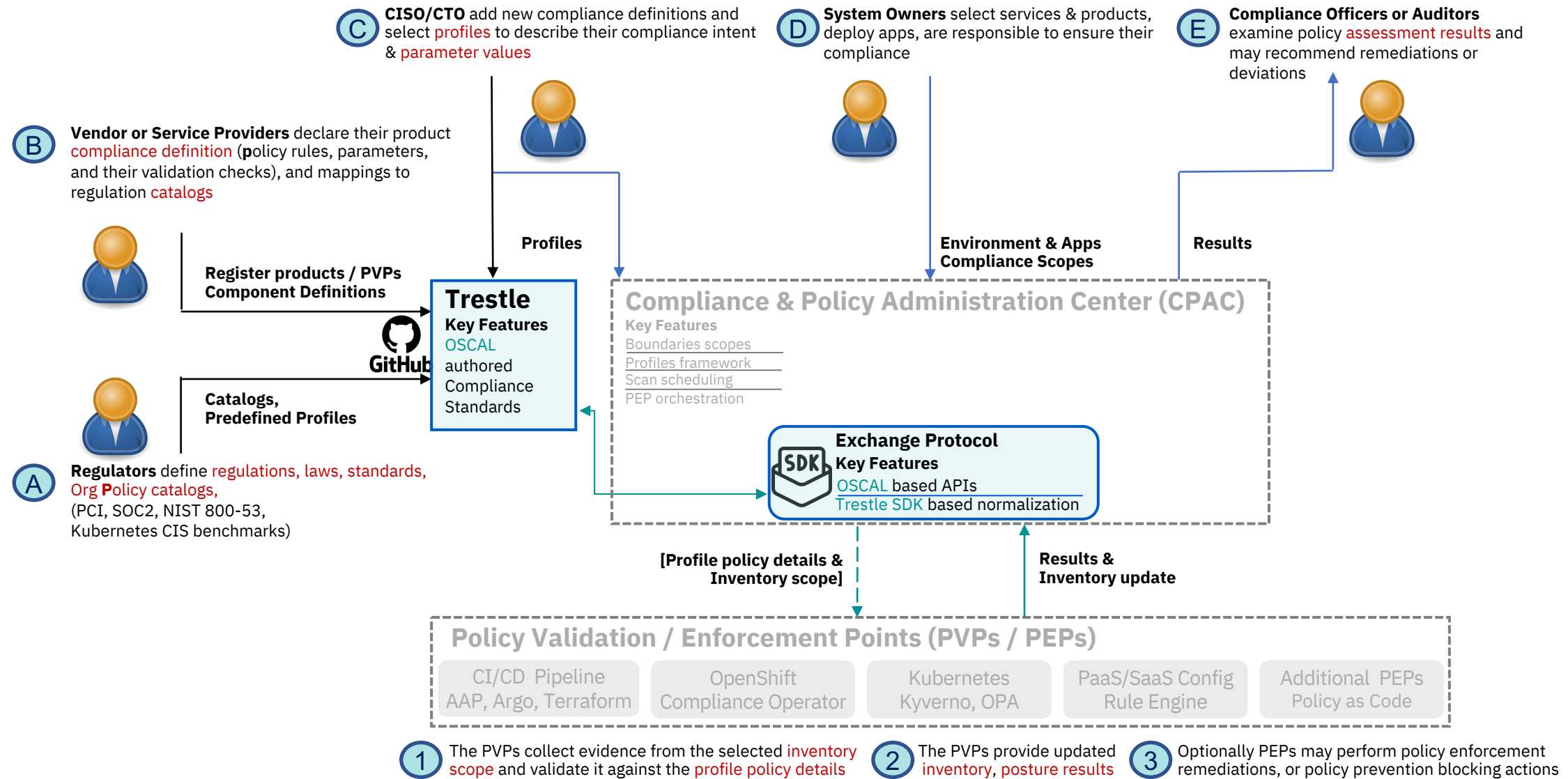
Trestle is an **opinionated implementation of the OSCAL NIST standard** for compliance as code aiming for the compliance documentation to be maintained continuously up to date.

Compliance Artifacts & their Representation as code

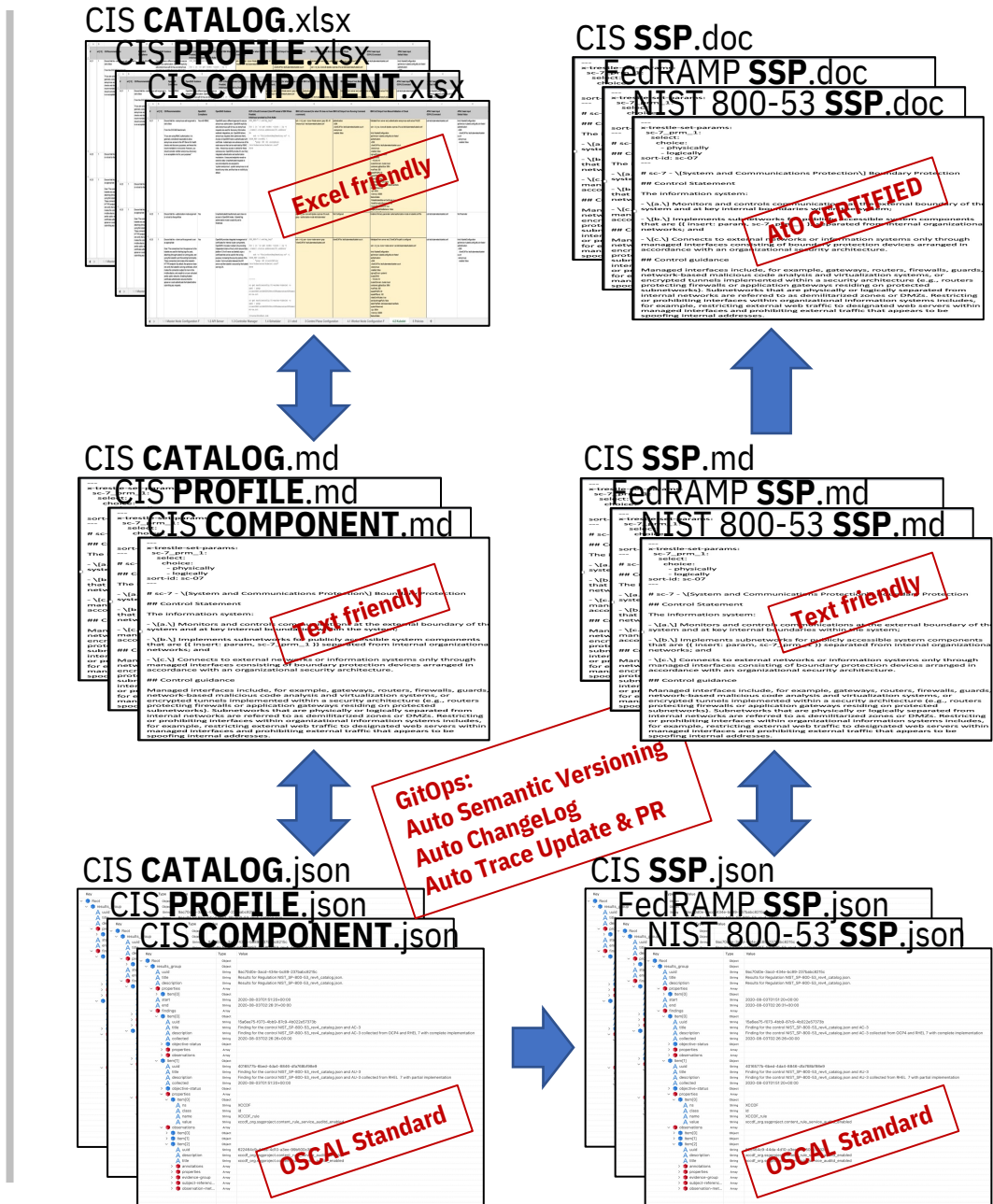
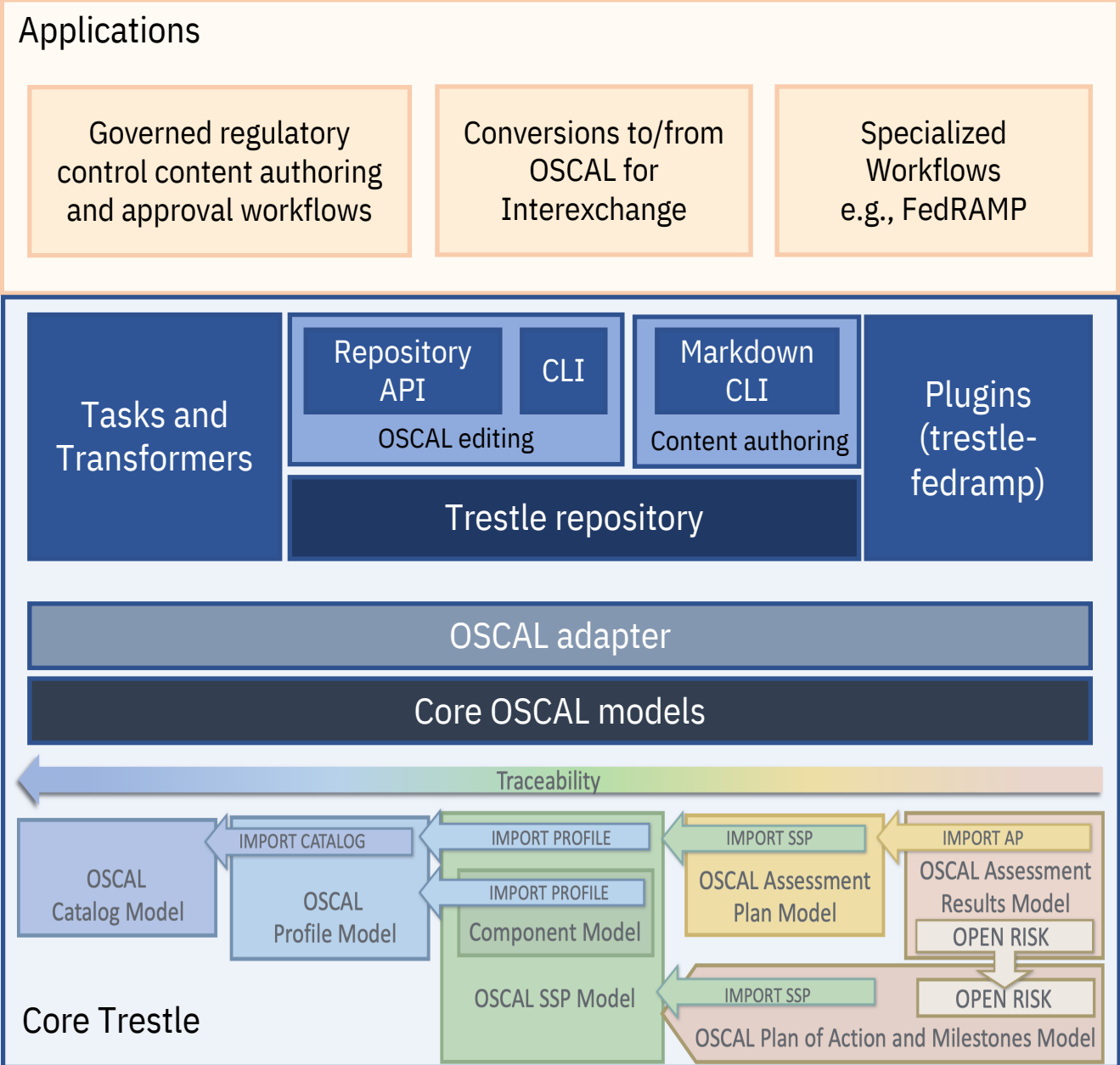
Regulatory compliance and Org **P**olicy controls are implemented as technical rules (aka **p**olicies) and tested via rule engines or checks based on evidence



Compliance Personas and Roles



Compliance-Trestle – NIST Open Security Control Assessment Language (OSCAL) & Applications





Contact:

ibm.github.io/compliance-trestle/

Blogs:

[Compliance Part 1: Personas and Roles](#)

[Compliance Part 2: Trestle SDK](#)

[Compliance Part 3: Artifacts and Personas](#)

Thank you!