User facing layer

SLO Elasticity Policy Language

Web-based Tooling

SLOC runtimes layer

Language Runtime APIs

Elastic Resource Orchestration

Monitoring facilities

Control facilities

Governance, Compliance & Security

Deep Cloud facing layer

Standardized Monitor & Control APIS

VMs connector

Containers connector

Bare-metal cnnector

...

Resource connectors

Control Sequence Propagation

Monitoring Information Propagation

Virtualization layer

Containers Cluster Management System
(SLOC-external components, e.g., Kubernetes)