Composable Services Architecture (CSA) for Dynamically Configurable Virtualised Infrastructure Services Provisioning

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Use case: Provisioning Multi-domain Collaborative Environment On-Demand

Components of the typical e-Science infrastructure involving multi-domain and multi-tier Grid and Cloud resources and network infrastructure.

Composable Services Architecture (CSA)

SSLM includes additional stages to manage dynamic security associations and bind general provisioning session security context to virtualisation platform runtime environment.

• Security Service Request that initiates creation of the dynamic security association and may use SLA security context.

Service Lifecycle Management (SLM) Model

Existing Frameworks for Services Virtualisation and On-Demand Provisioning

Implementation Suggestions

Example services MX and NX composition of component Services 1-4

Contributing Projects

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