

# Proposal of General and Service-Specific Service Definition Scheme

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OGF31 NSI-WG



# Abstract

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- The goal of this presentation is to contribute contents of NSI Service Definition document.
- Agenda
  - Current service definition scheme
  - Proposal of definition scheme

# NSI-WG Focus / Purpose and Scope

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The main purpose of the NSI WG is to facilitate interoperation between Grid users, applications and network infrastructures spanning different service domains, via the development of abstract messaging and protocols. The NSI WG must provide **a general and open definition independent of implementation of provisioning systems** (e.g., Grid and network). **It should be sufficiently flexible, modular and scalable to facilitate future enhancements.** The NSI WG recommendation will allow any user and network service to interoperate by using a common naming and message definition.

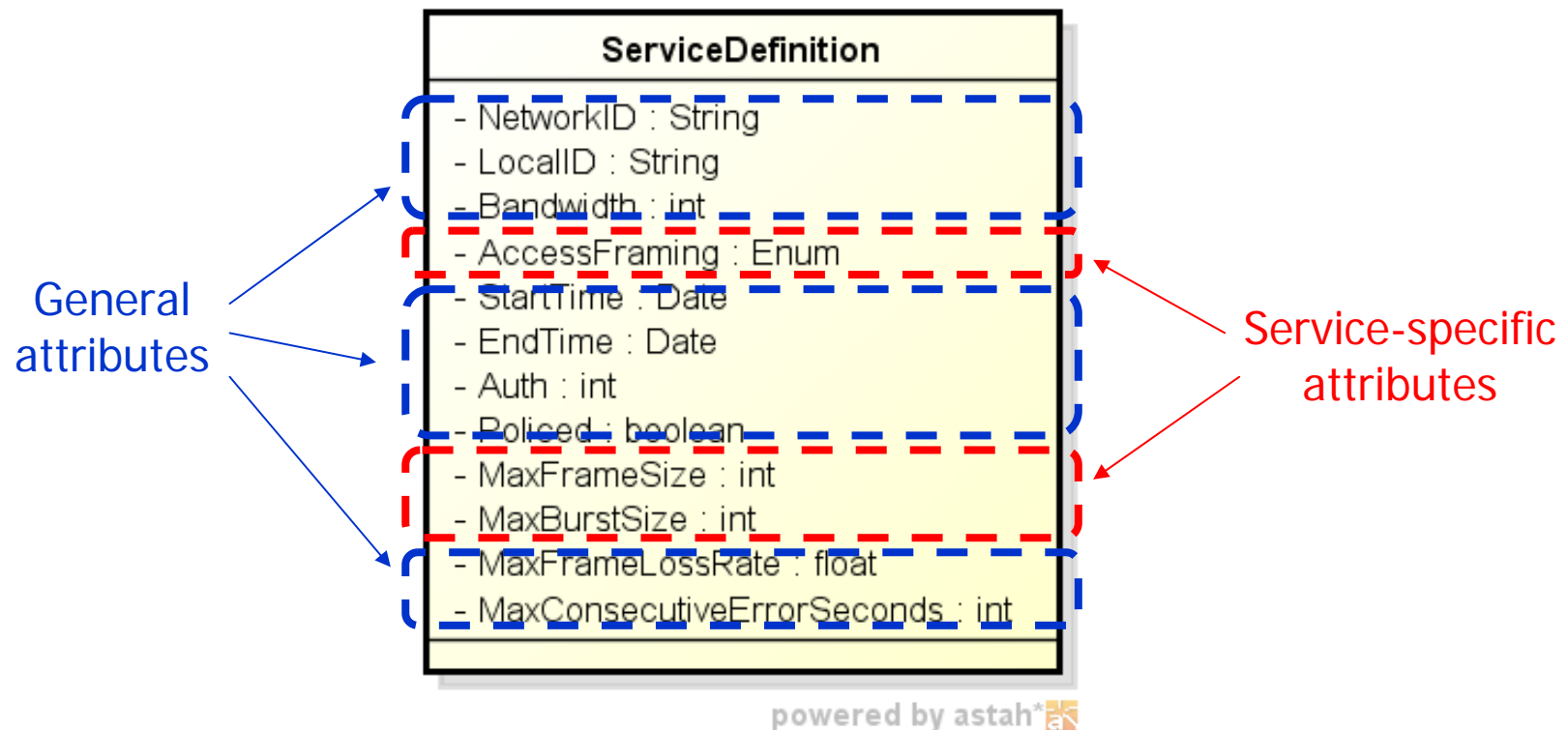
The NSI WG will also focus on identifying existing standardization activities/documents, understand their relevance and specify the relationships with regards to NSI (e.g., OGF (NM-WG, NML-WG) IETF, OIF).

**NSI Service Definition should be flexible and modular to support multiple network services.**

# Current definition scheme

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- Monolithic definition scheme
  - General and service-specific attributes is mixed.



# Proposal of definition scheme

- Define two types of definition scheme
  - General definition**
    - Includes general attributes to all services.
  - Service-specific definitions**
    - Extend the general service definition.
    - Include service-specific attributes.



This general / service-specific definition scheme was introduced in G-lambda interface (GNSWSI3).

