Minutes of the service composition working group meeting

Date: October 20th, 2022

Time: 2 to 3 pm

Attendees: Josep Blanch, Manuel Escuin, Djamal Zeghlache, Tim Beerman and Henrich Poehls

A. We mostly reviewed the service composition model contribution to the architecture document
   a. MR !460 was discussed during the TC meeting of Tuesday 18th and essentially accepted with 5 approvals . The CTO approval will enable effective integration into the AD.
B. Discussed also issue raised on service and resource class diagrams and dependencies raised by Pierre Gronlier. Issue 65
   a. Desire to reorganize a bit the section of the Trust Framework per type of class:
      i. all services related class under service.md , all resources related class under resource.md
      ii. see : (https://gitlab.com/gaia-x/policy-rules-committee/trust-framework/-/issues/65)
         Which would mean that, irrespective of the names:
      iii. ServiceInstance aka InstantiatedVirtualResource, Data exchange component, Verifiable Credential Wallet, Interconnection are subclasses of ServiceOffering
            and
      iv. PhysicalResource, VirtualResource, DataResource are subclasses of Resource

   b. Is the suggested change aligned with the composition model update for architecture 22.10 / are there any conflicts if we do so?

We confirmed that there would be no conflicts with the current state of the service composition model and we do not foresee any conflict later on. The service composition model is aligned , and if needed will be aligned, with the trust framework organization per class types.

C. Review the list of priorities in discussion in the TC working group
   a. Goal is to check if what is expected of the service composition working group is fine with the members and if and how we are willing to contribute

The service composition group is happy with the proposed priority 4 of the technical committee (see slides presented during the progress meeting that list all the identified priorities by the TC) and will work on it to provide in the coming weeks working solutions and corresponding implementations.

For convenience, we repeat here the addressed priority:

> 4. Expand (and harmonize) the service composition model providing more detailed mapping to resource classes (data, infrastructure, application, interconnect…). Apply to use-cases.

A final set of key issues were also discussed, some of which are priorities for data services as described in the TC priority list. Further, the group felt that the service composition group should ensure that selected services from the service offerings and catalogs lead to operational composite services once deployed, configured, instantiated and activated and this should happen without any failure. The service composition model has to lead to service composition that will result in successful service functioning and operation.