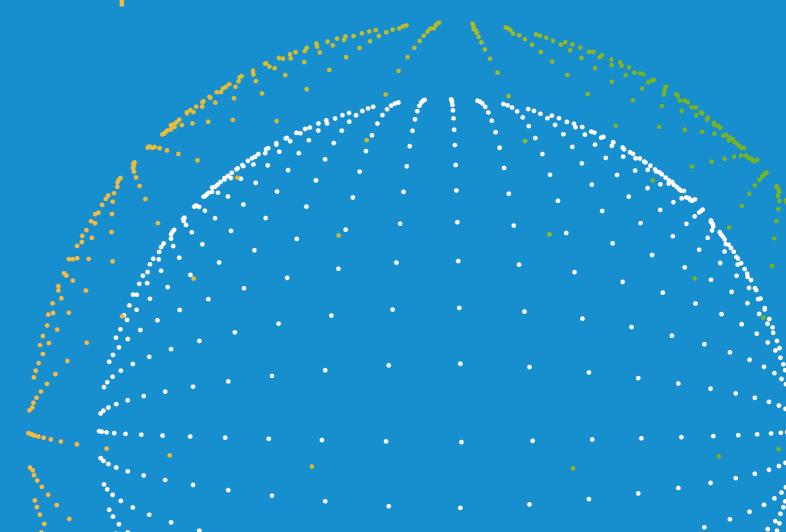
#### Data Spaces Symposium

Marketplaces in Data Spaces

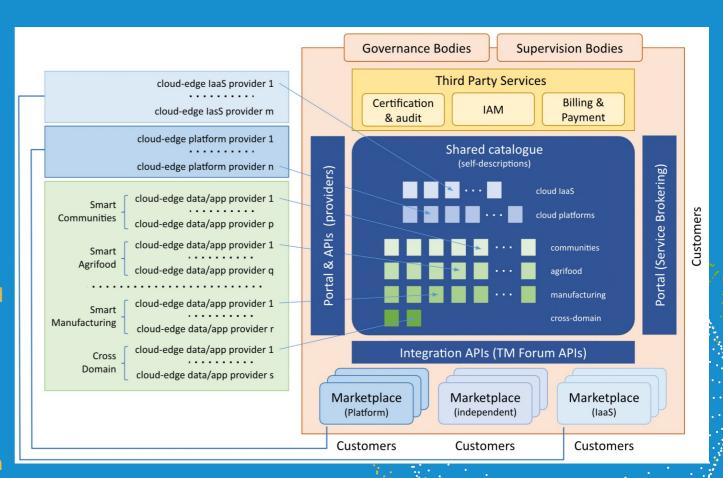
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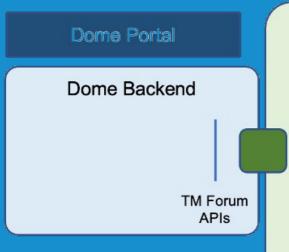
# Dome Architecture Overview

#### Overview

- DOME will take the form of a federated marketplace of curated cloud and edge services made available through:
  - the global DOME portal; and
  - federated marketplaces
- A federated marketplace can be:
  - Independent Marketplace, which comprises a catalogue of cloud and edge data/app services not tied to an laaS or Platform provider
  - Marketplace connected to an laaS provider, which comprises a catalogue of cloud and edge data/app services which customers can pick and then easily deploy on top of the provided infrastructure
  - Marketplace connected to a Platform provider which comprises a catalogue of cloud and edge data/app services which customers can pick, easily activate and run integrated with the rest of data/app services already running, integrated with the provided Platform.

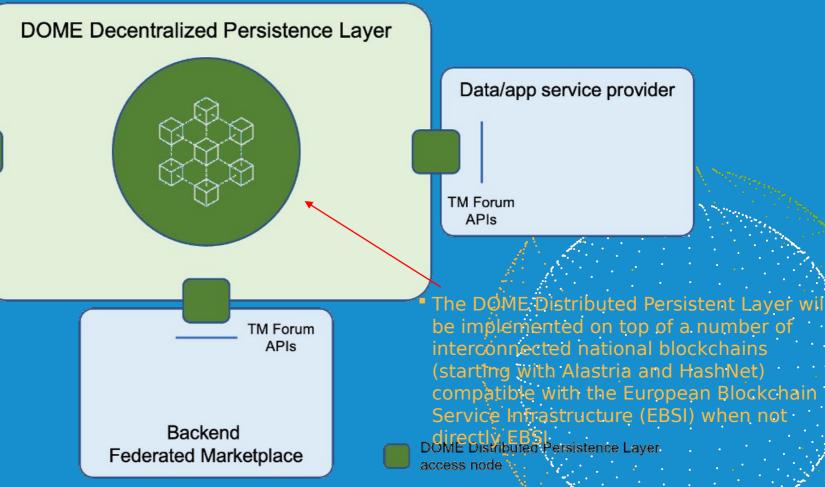


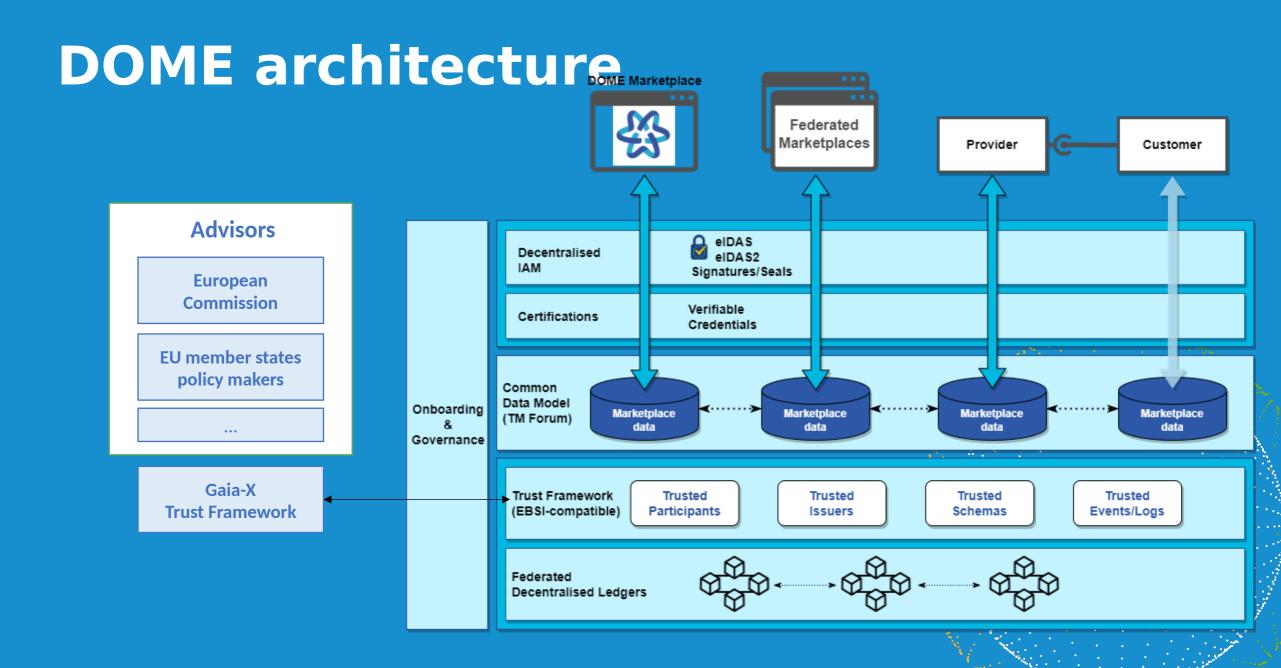
## Marketplaces federation + Shared Catalogue



The DOME Distributed Persistent Layer manages storage of, and access to, information associated with:

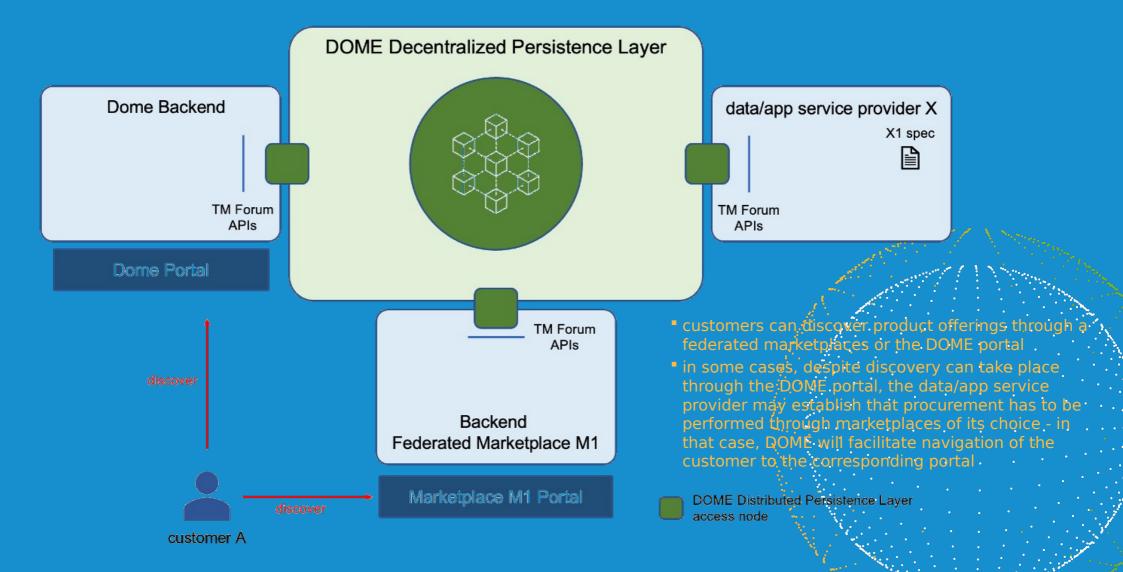
- the Shared Catalogue of Product Specifications (including the specifications of associated services and supporting resources) and Product Offerings defined by service providers
- Product Orders and Product (instances of Product Specifications) along their lifecycle, as well as information about actual Usage of Products



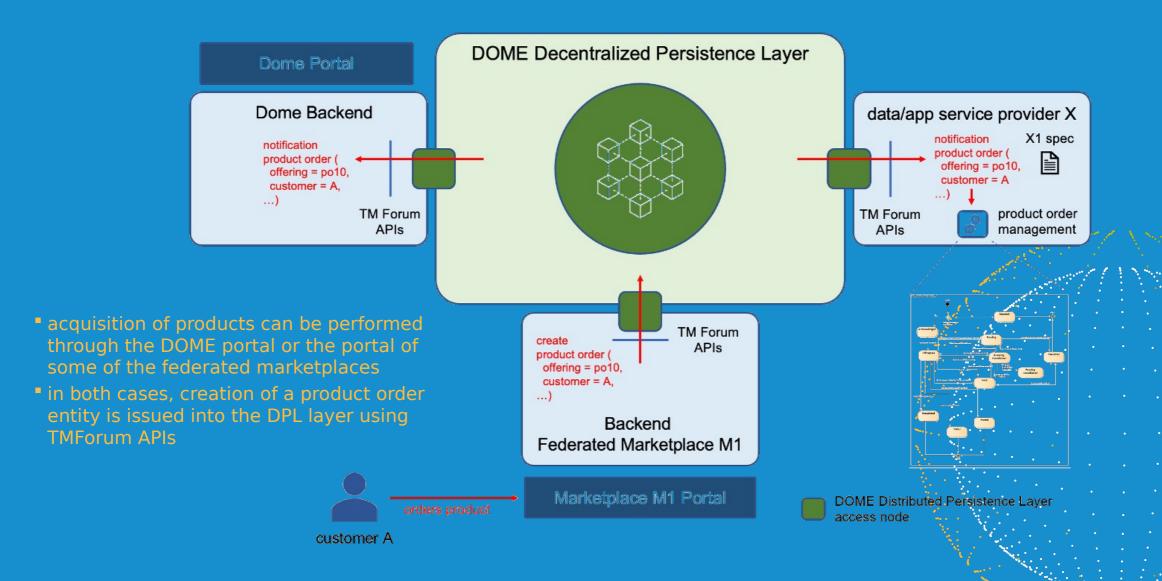


### The Customer Journey

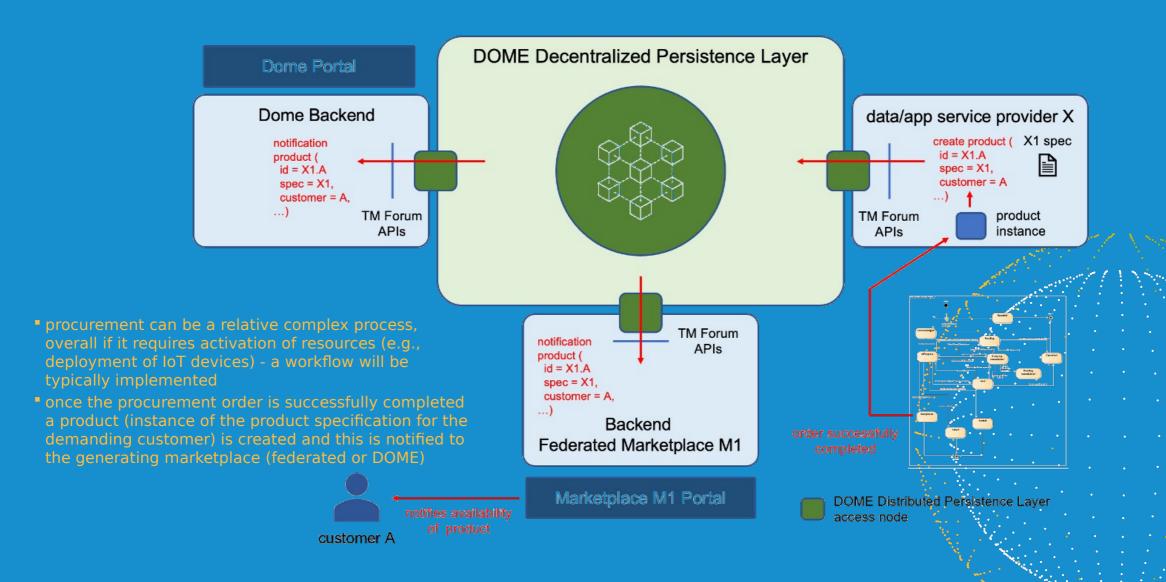
#### **Product offering discovery**



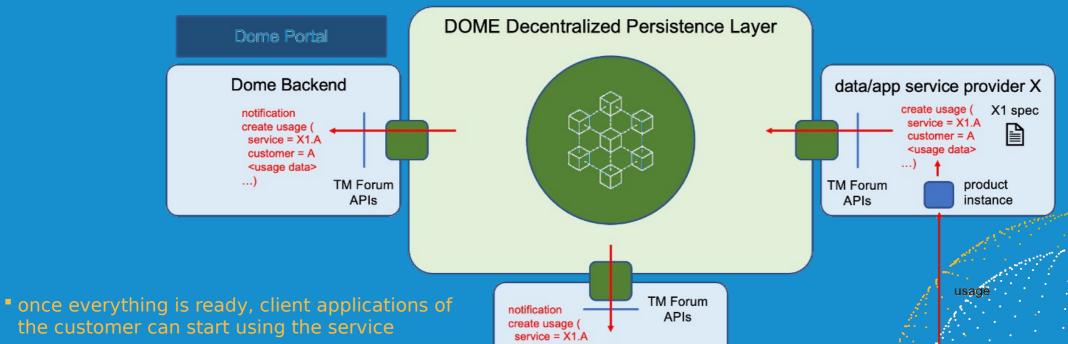
#### Product acquisition (through federated marketplace)



#### Product activation (product becomes available for use)

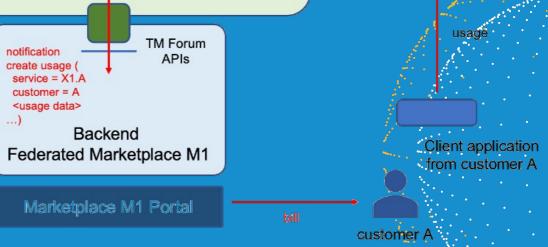


#### Product usage



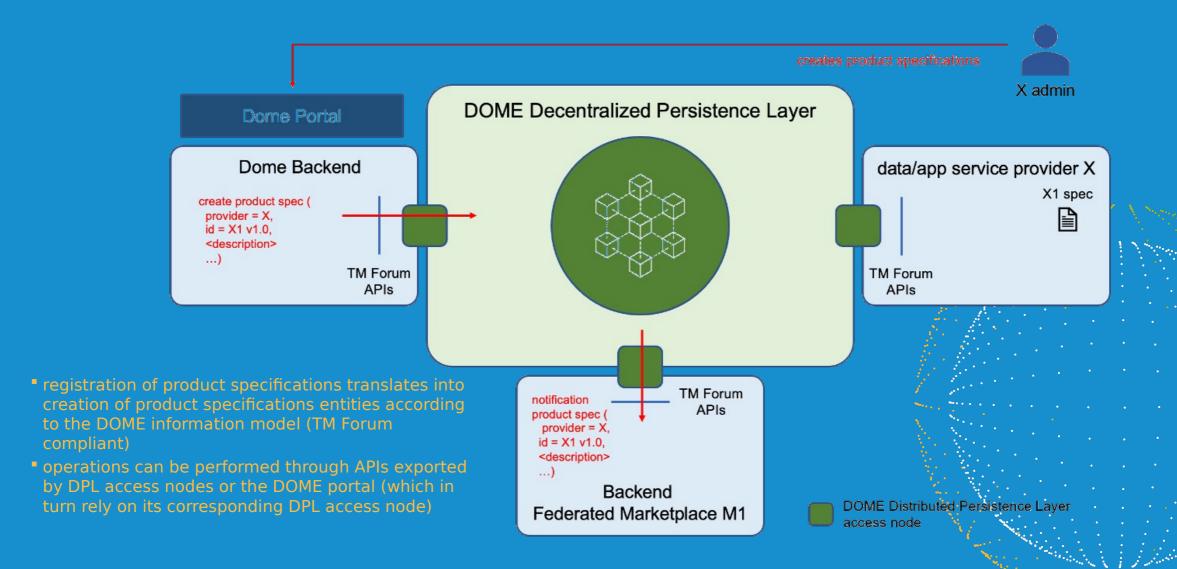
- the customer can start using the service
- from time to time, the data/app service provider generate usage logs (another entity in DOME information model) using TMForum APIs
- billing may be generated relying on DOME



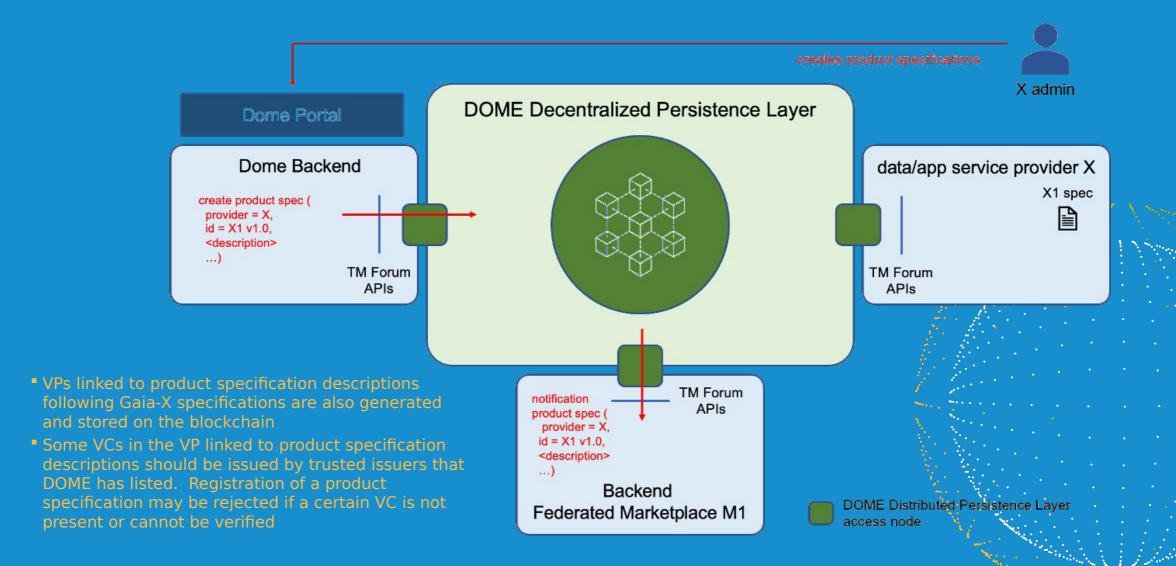


### The Provider Journey

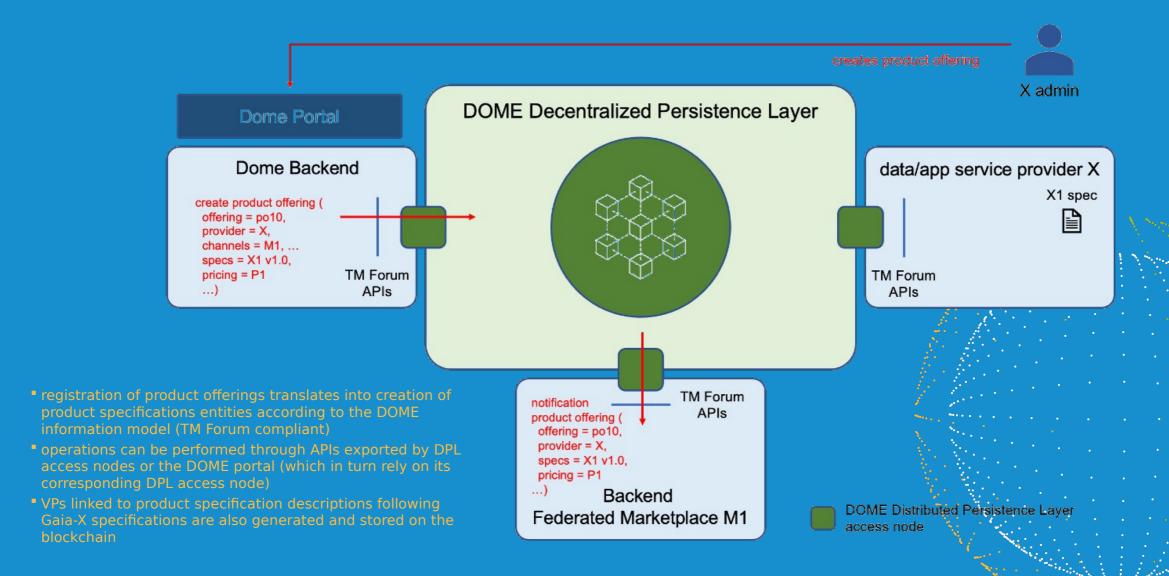
#### Registration of product specification



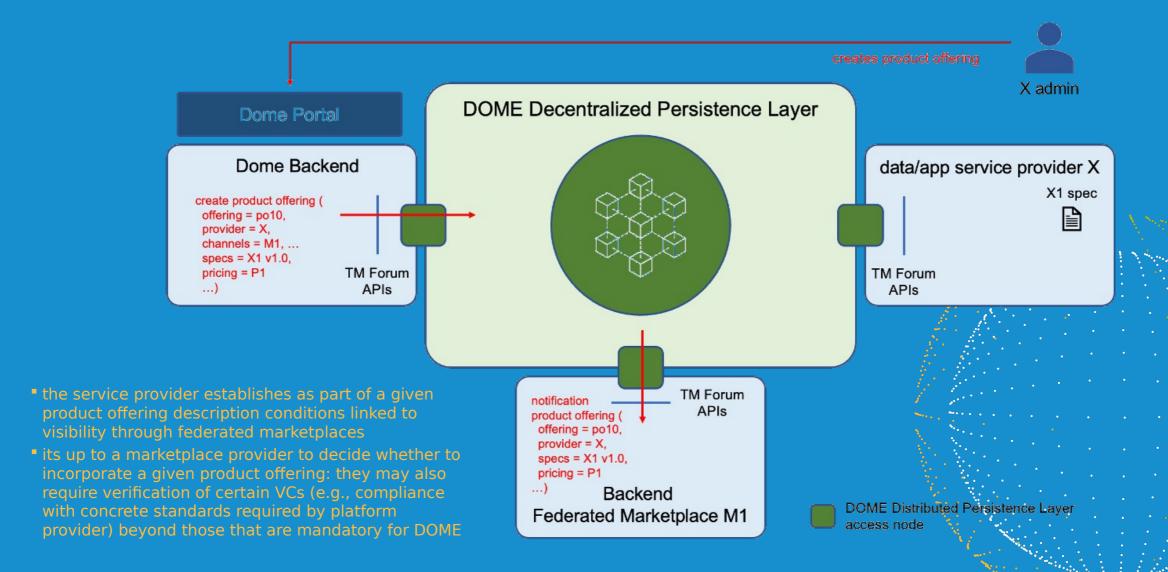
#### Registration of product specification



#### **Creation of Product Offering**



#### **Creation of Product Offering**



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