Catalogue composition

At the core of the DOME marketplace is the DOME catalogue The DOME catalogue has been designed to:

- Standardize the product description: The DOME catalogue aims to establish a standardized format for describing products. This ensures consistency and clarity in product information across the platform, making it easier for customers to compare and understand different offerings.
- Allow different selling plans for each product: The catalogue provides flexibility for sellers to offer various selling plans for each product. This means that sellers can define different pricing models, subscription options, or service tiers to cater to different customer needs and preferences.
- Allow the capability to flexibly define and sell products by bundling resources: The DOME catalogue allows sellers to create product bundles by combining different resources. For example, sellers can bundle edge computing and cloud services or package different types of computational resources together. This flexibility enables sellers to create customized offerings that meet specific customer requirements.
- Handle different payment models: The catalogue supports various payment models, including pay-per-use, flat rates, one-time payments, and more. This allows sellers to offer pricing options that align with their business models and customer preferences.
- Be shared between federated marketplaces: The DOME catalogue is designed to be shared among the federated marketplaces within the ecosystem. This means that product information and offerings can be accessed and utilized by multiple marketplaces, providing a unified experience for customers across different platforms.
- Allow the description of different types of offerings: The catalogue supports the description of various types of cloud services, including SaaS (Software-as-a-Service), PaaS (Platform-as-a-Service), IaaS (Infrastructure-as-a-Service), and DaaS (Data-as-a-Service). Additionally, it allows for the inclusion of "off the shelf" products or components, providing a comprehensive range of offerings to customers.

In summary, the DOME catalogue plays a crucial role in standardising product descriptions, enabling flexible selling plans and resource bundling, handling diverse payment models, facilitating sharing between federated marketplaces, and accommodating different types of cloud offerings. These features contribute to a more efficient and comprehensive marketplace experience for both sellers and customers.

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