

CorMOS - Application Model	
Element	Description
Component UID	A unique id of a particular application or (micro)service
Total Execution Time	The total amount of time the application/service takes for the completion of a particular request.
Response Latency	The amount of time the service/application takes for responding to a particular request
Storage Volume	The volume size being necessary for the execution of an application and its internal services.
Storage Security	A high level description of data storage security being necessary for a particular application
Network Capacity	The available network upload and/or download bandwidth for the software applications
Network Security	A high level description of network security such as the algorithm being used for data encryption purposes
Task Description	A high level description of an application/service in terms of data and/or algorithms being internally used.
Hardware Acceleration	Indicates if a particular hardware accelerator is necessary such as a GPU, TPU and FPGA.
Total Energy Consumption	The total amount of energy consumed by the respective resources for responding to the given request.