



Small cEIS coordinAtion for Multi-tenancy and Edge services

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Light DC architecture design

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Abstract

This document describes the parts of the SESAME architecture related to the HW and SW design of the Light DC.

The deliverable analyses the state-of-the-art of the existing HW and SW solutions that can be used to address the SESAME requirements focusing on guaranteeing, together with the performances required, low power, low cost, low space and resource's scalability of the virtualized infrastructure. It describes the Light DC architecture, detailing its key HW and SW functional components. The CESC cluster, the micro server, the internal and external interfaces and the SW platform are analysed and finally defined.

The contents of this deliverable will be used as reference for the implementation of the Light DC functionalities in T4.2, T4.3 and T4.4, forming the basis of the work of WP4 in order to investigate how a Proof-of-Concept demonstrator of the Light DC concept can be implemented.