

Multi-cluster Migration of MEC Applications

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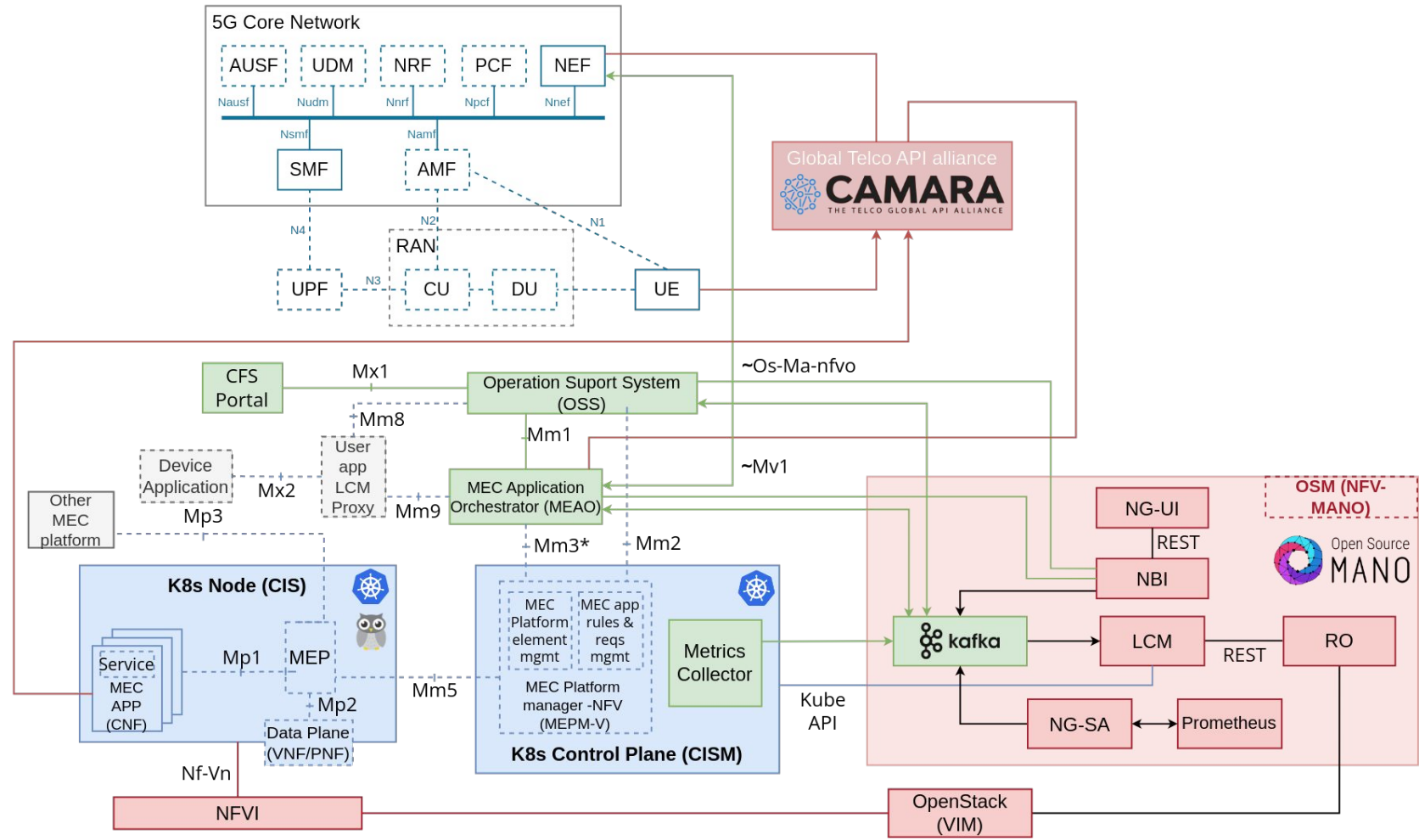
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Summary: Nowadays, more and more devices are connected to the internet, generating a lot of data and requiring constant and fast communication with remote servers. This data is usually processed far from the user that consumes it, leading to high latency and low-efficiency problems. **Multi-access Edge Computing (MEC)** aims to improve this by bringing **cloud-like** computation closer to the network's edge. To achieve this, it is being used **Software Defined Networks (SDN)** and **Network Functions Virtualization (NFV)** to push the **development of MEC** as these technologies offer many **reusable features** that can do **MEC workloads**.

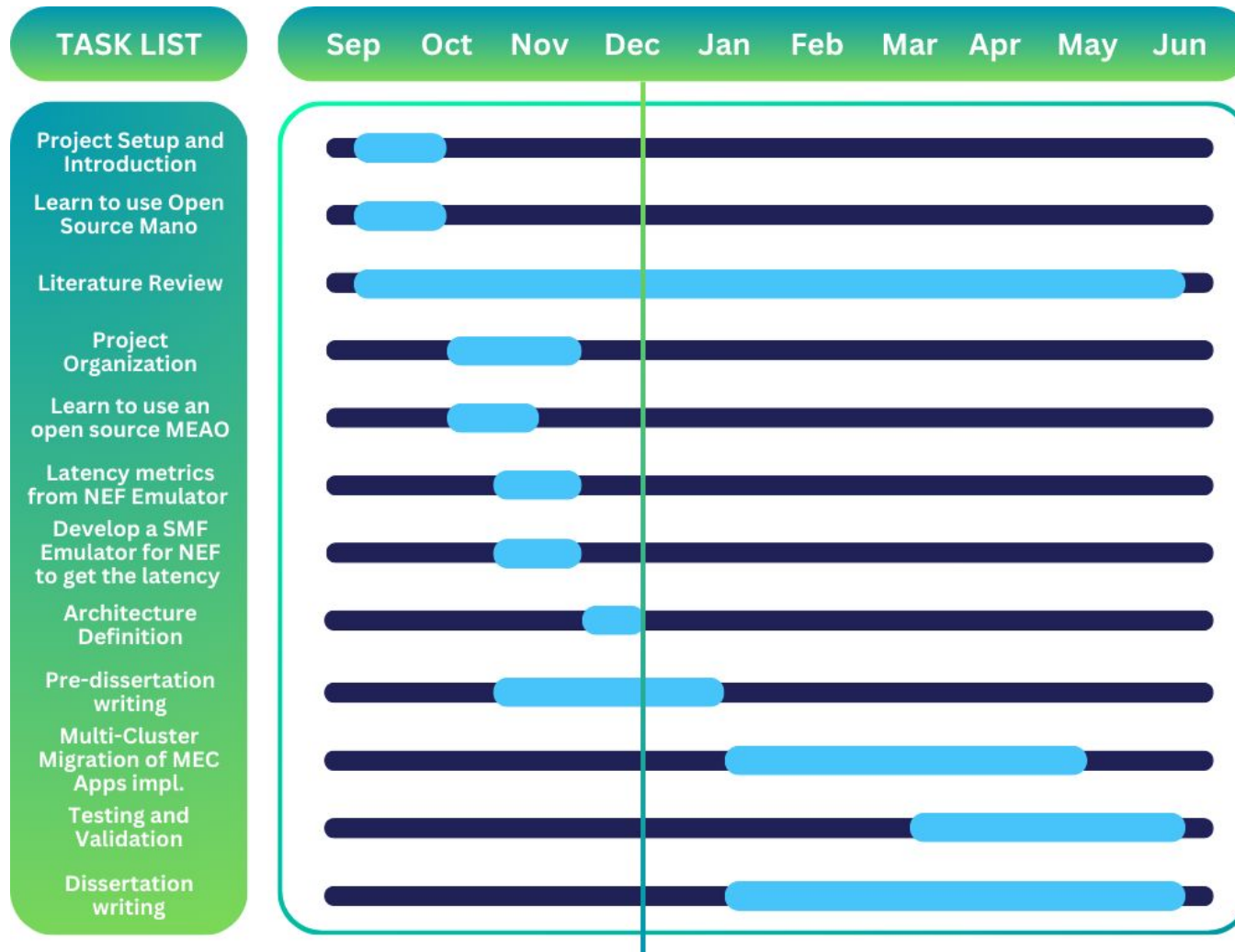
The main goal of this work is to introduce new functionalities that improve the **integration of NFV and MEC**, specifically enabling the automatic **migration of MEC applications** between different **MEC clusters**.

Work done / results

- ❖ Searched about Camara and its usefulness as new requirements appeared.
- ❖ Defined the project architecture, requirements and validation approach.
- ❖ Continued writing the pre-dissertation.



Future work / challenges



- ❖ Complete the pre-dissertation writing.
- ❖ Prepare the presentation and defense of the pre-dissertation.