oneM2M Cloud Vendor Independent & ETSI MEC support

oneM2M Cloud Vendor Independent

oneM2M is **Cloud Provider independent:** From Fragmentation to Standards and decoupling Device, Cloud, and Application by Open Interfaces.

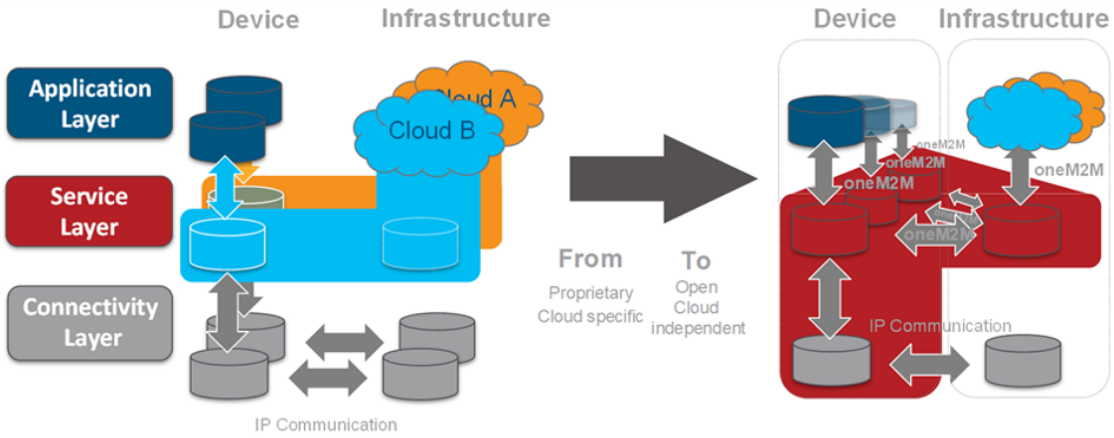

Figure 5.1.1-3: Cloud provider independent

oneM2M addresses Edge/Fog computing in a deployment where the T8 Interface is exposed to the IN-CSE, therefore there is a “loose coupling” between the Edge/Fog Node and the Underlying Network.

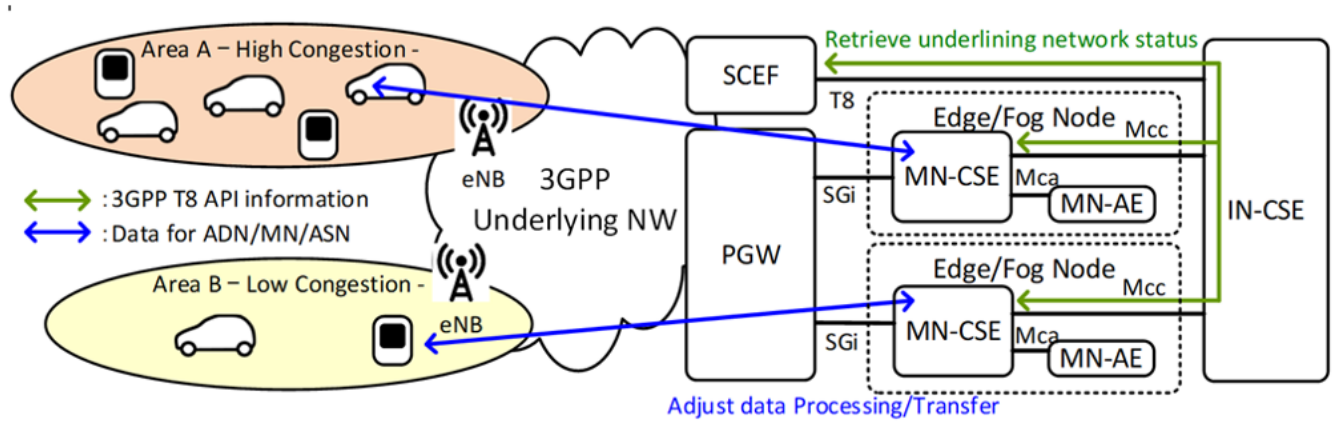

Figure 9.4.2.1-1: High-level illustration - Loosely coupled Edge/Fog computing with 3GPP T8 API

In some Edge/Fog scenarios, an oneM2M Edge/Fog Node can exchange with the 3GPP Underlying Network parameters to be used for optimizing the Data Traffic over the Underlying Network for a set of Field Domain Nodes hosted on UEs. As a result, oneM2M System can avoid the need for the IN-CSE to process Data for the Field Domain Nodes. Figure 9.4.2.11 illustrates the high-level illustration for the loosely coupled Edge/Fog Computing with 3GPP T8 API. The Edge/Fog Node retrieves underlining Network information in a particular area from a SCEF via the IN-CSE and adjusts Data processing /transfer for the Field Domain Nodes.