Home Edge Glossary

Home Edge Service : All the devices (TVs, fridges, washing machines, etc.) connected into *Home Edge Network* are considered as *Home Edge Devices*. All the nodes which need to be part of home edge computing cluster need to run the home edge demon in the background. This demon helps to discover devices and their supporting services in the home network.

Device Management : Device which acts as gateway can sync data with cloud interface.

Service Deployment : Application Service like AI Service or Rendering service, which are registered with Docker registry can be deployed in the one or more device in the edge computing cluster.

Service Request : Low end devices request high end devices to perform computing on behalf of them using the scoring manager.

Scoring Manager : Helps to pick a right device to perform service computation using a scoring function(CPU, Memory & Network Bandwidth). If any appropriate device is not found, the service is run locally on the same device.

Service offload : Low end can delegate the computation the selected node in home environment.