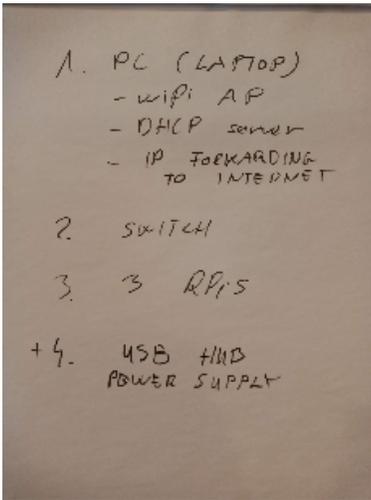




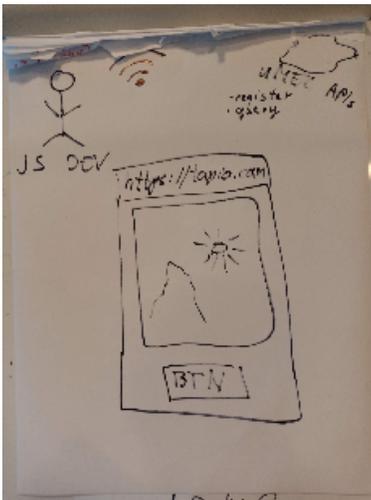
- A few Raspberry Pis that act as  $\mu$ MECs and are preconfigured
- A PC that can also be configured ahead of time

The Raspberrys will all be connected as worker nodes in a single Kubernetes cluster. The Kubernetes master will either run in one of the Raspberrys or in the PC.

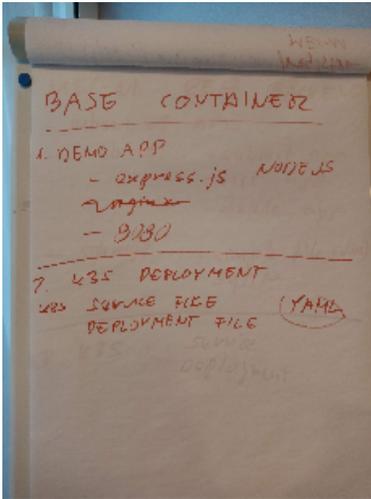


## Example material

There will be example applications that can be used as a basis for development, to speed things up. The first example app will be based on Javascript code that implements a Web server, using the standard JS web server. The web server will server html5 code that takes a screenshot or video with the users camera, and sends the result to the server.



The second example app will be a simple container that accesses the camera on the  $\mu$ MEC and sends temperature to a database on the PC.



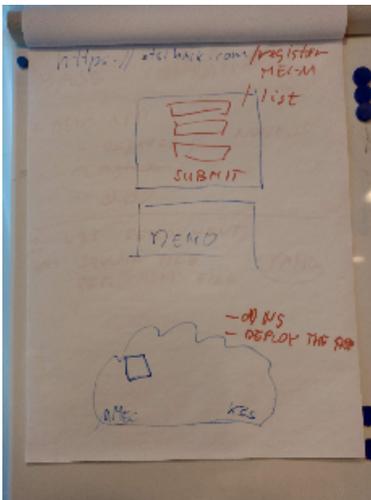
## Infrastructure

The infrastructure available to developers will include

- An ETSI MEC-9 compliant service registry that provides the server API and DNS API but will reject any requests for Traffic Management API ("no permission")
- A web front end to the ETSI MEC-9 service registry
- An ETSI MEC-11 compliant Camera API

We have also discussed about

- Location API
- ML API (Tensorflow\_serving?)



MEC-11 REG BACKEND

- subset of APIs
- web UI :
  - submit app
  - list app
  - delete app
- storage :
  - simple file (local)
  - sqlite

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3) k8s : service deployment