How to use oneM2M’s standards to build open and interoperable IoT systems

(3) First Contact with oneM2M

www.onem2m.org
Overview of learning environment

User’s Application
• Web-browser running Jupyter Notebook
• Internet connection

REQUEST

Communication Networks

RESPONSE

CSE
• Implements basic, oneM2M Common Service Functions (CSFs)
• Processes and responds to message ‘requests’
A simple request-response exchange

User’s Application
• Web-browser running Jupyter Notebook
• Internet connection

(1) This is “originator” sending a message to “CSE” asking it to send its “resource-tree” profile.

Communication Networks

CSE
• Implements basic, oneM2M Common Service Functions (CSFs)
• Processes and responds to message ‘requests’

(2) This is “CSE-base” sending back its profile.