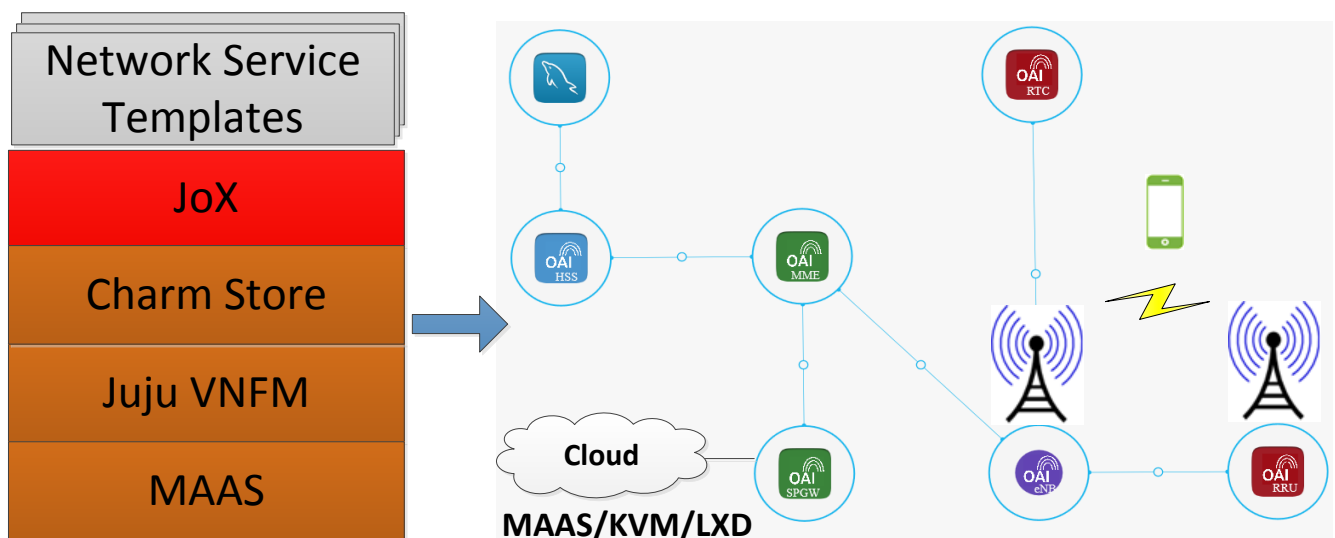


Mosaic5G and OpenAirInterface invite you to two demonstrations in MWC 2017, Barcelona, Spain.

4G CRAN Service Orchestration

Live cloud RAN slicing with dynamic RRU activation/desactivation with Ubuntu Core and the Canonical model-driven NFV solution with the below blueprint, featuring OpenAirInterface vRAN and vEPC with FlexRAN controller.

The demo will show how to slice a cloudified radio access network that consists of a fronthaul segment between the remote radio unit (RRU) and radio cloud center (RCC) and a backhaul segment between the RCC/eNB and the RAN controller. Through the separation of the RAN control and data plane coupled with the virtualized control functions and control delegation features, real-time control and coordination applications can be implemented in support of fine-grain RAN programmability. This allows different levels of coordination among RAN infrastructure elements by dynamic placement of virtual control functions following SDN and NFV principles for adapting control over time and for easing network evolution to the future.



Mosaic5G is a non-profit initiative fostering a community of industrial as well as academic contributors for open-source software development to realize the service-oriented vision of 5G. It was formed to develop, promote, and share an ecosystem of open-source platforms and use-cases for 5G system R&D leveraging SDN, NFV, and MEC tech enablers.

Additional Info

PoC Partners: Eurecom, Mosaic5G, OpenAirInterface, Canonical

Location: Ubuntu booth, Hall 3 Stand 3K31

Supporting Project:

- 5GPPP Coherent Project: <http://ict-coherent.eu/>

Platforms:

- Canonical Juju VNF ,
- Mosaic5G JoX, FlexRAN,
- OpenAirInterface RAN and CN

Useful Link:

- <https://insights.ubuntu.com/event/mobile-world-congress-2017/>
- <https://insights.ubuntu.com/2017/02/17/mwc17-the-future-of-wireless-networks/>
- <https://jujucharms.com/q/oai>

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