



Network and Computing Slice Deployment Platform

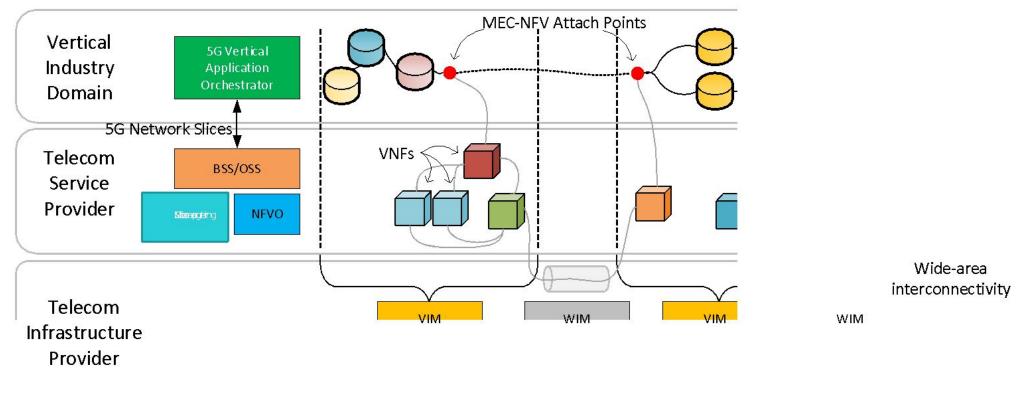
Roberto Bruschi (CNIT – S2N & UniGE), Chiara Lombardo (CNIT – S2N), Fernando Diaz Bravo (ATOS), Sergio Mangilardi (CNIT – S2N), Panagiotis Gouvas (UBITECH), Anastasios Zafeiropolous (UBITECH), and Konstantinos Theodosiou (UBITECH)

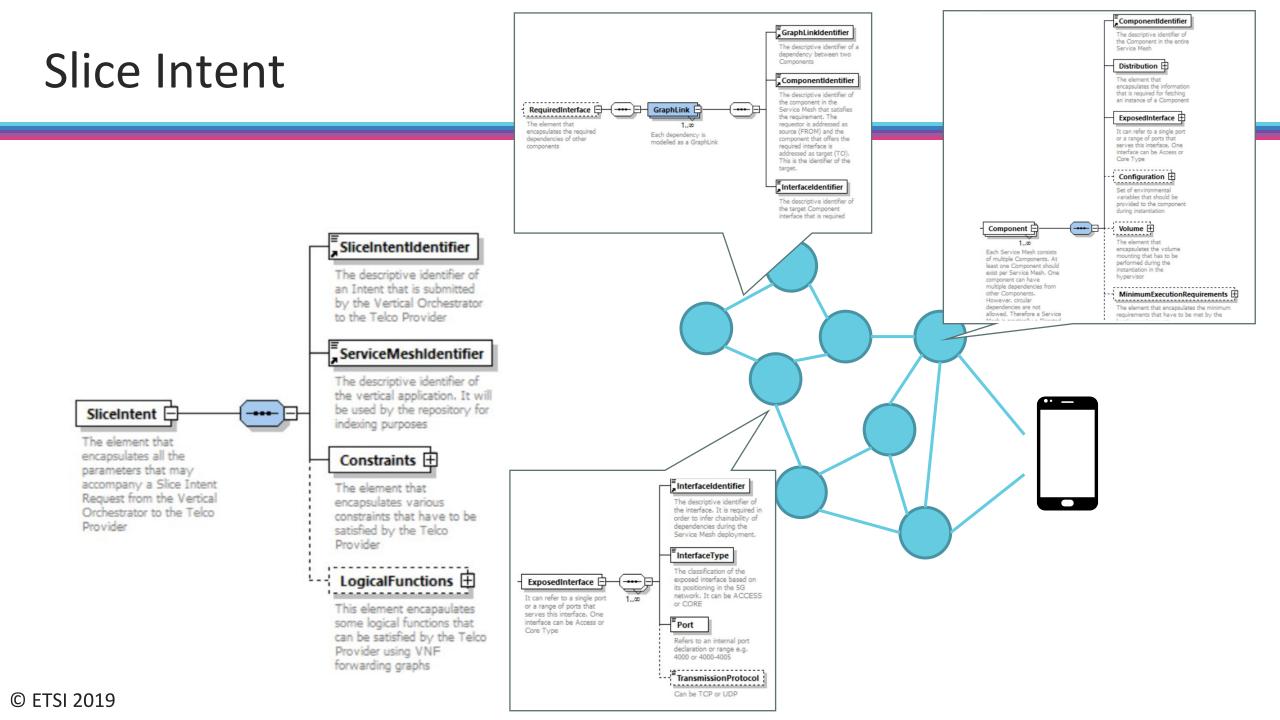


MATTIDA

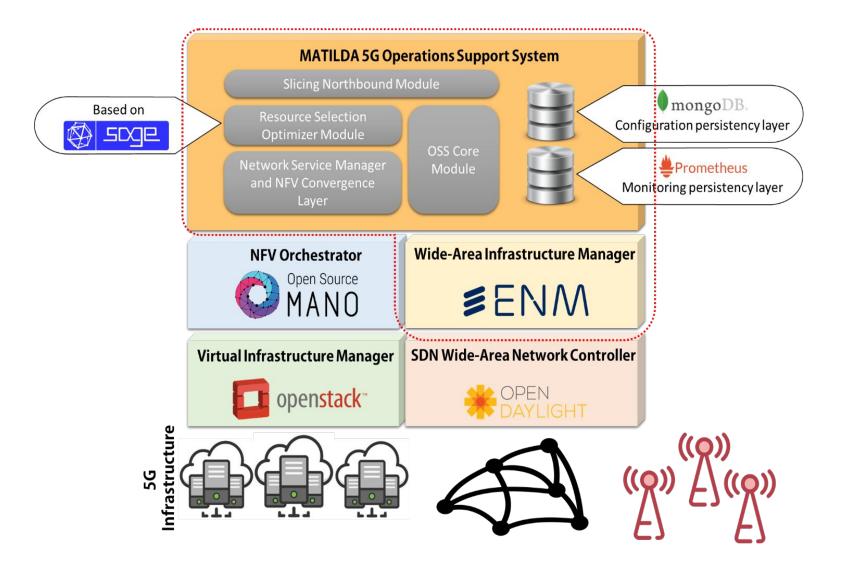


Design and implement a holistic 5G end-to-end services operational framework tackling the lifecycle of design, development and orchestration of 5G-ready applications and network services over virtual and physical infrastructure, following a unified programmability model and a set of control abstractions.

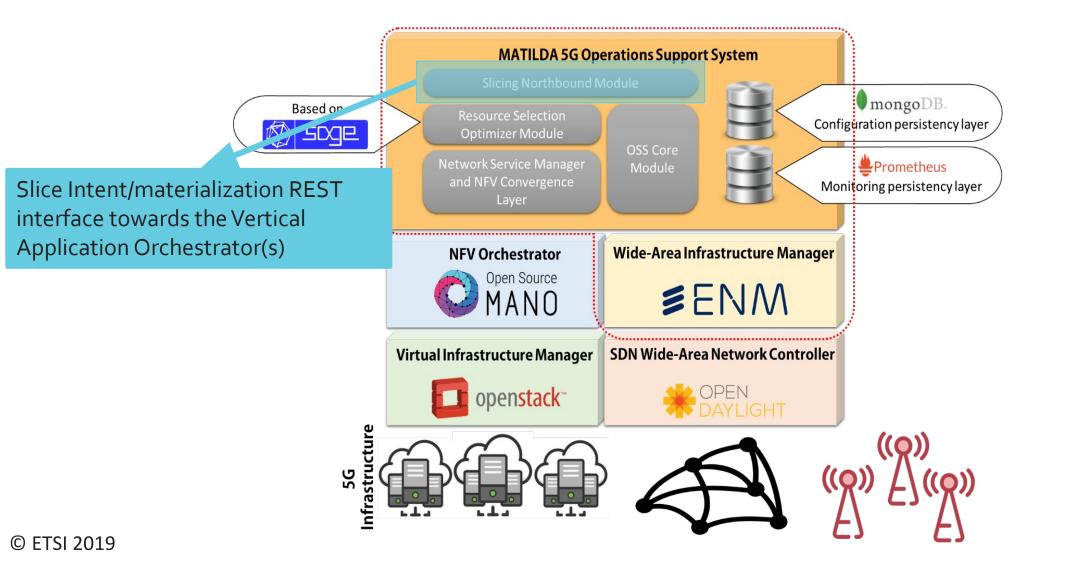




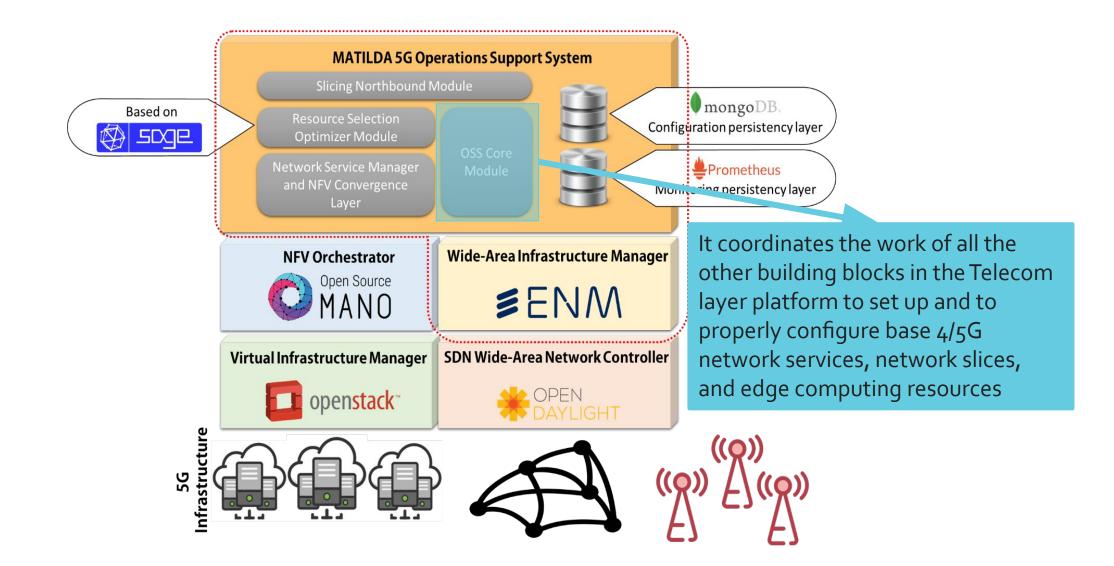




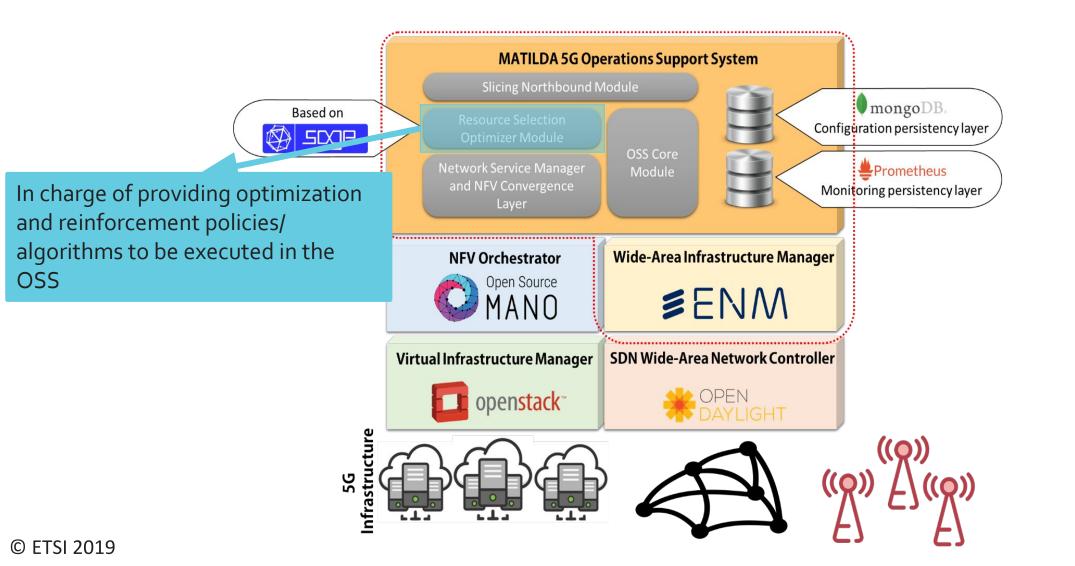




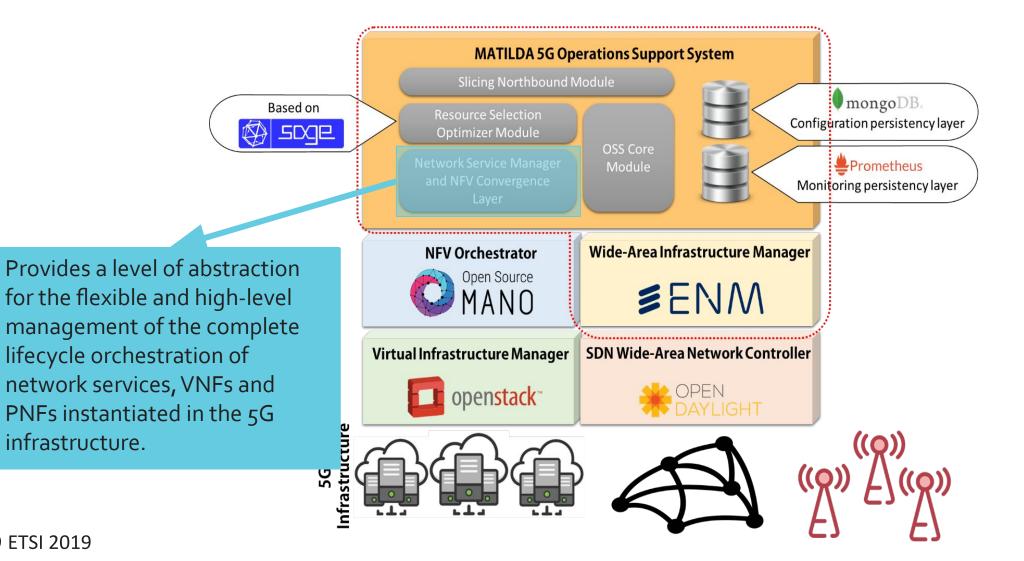




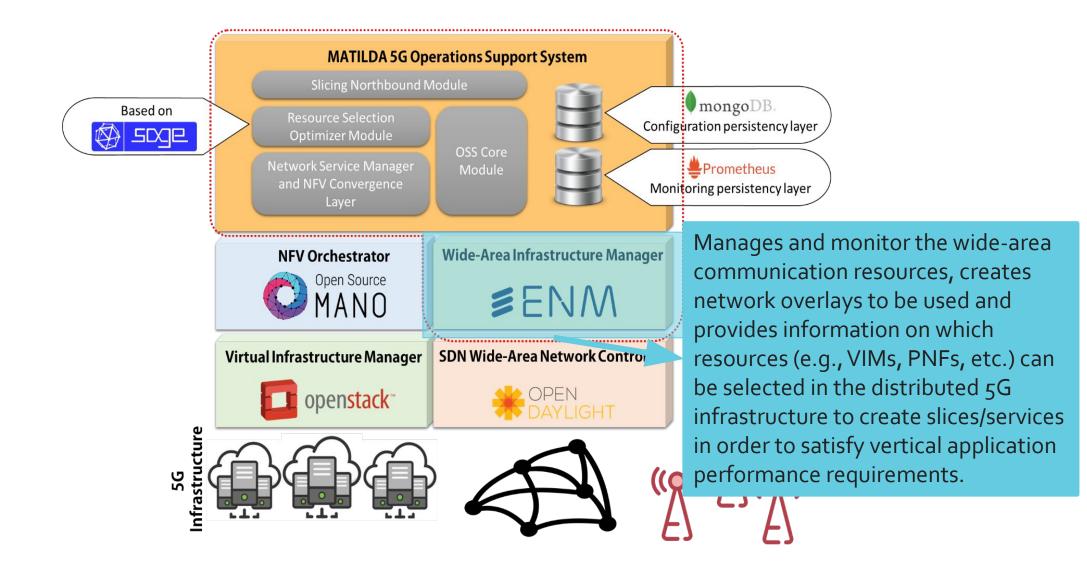




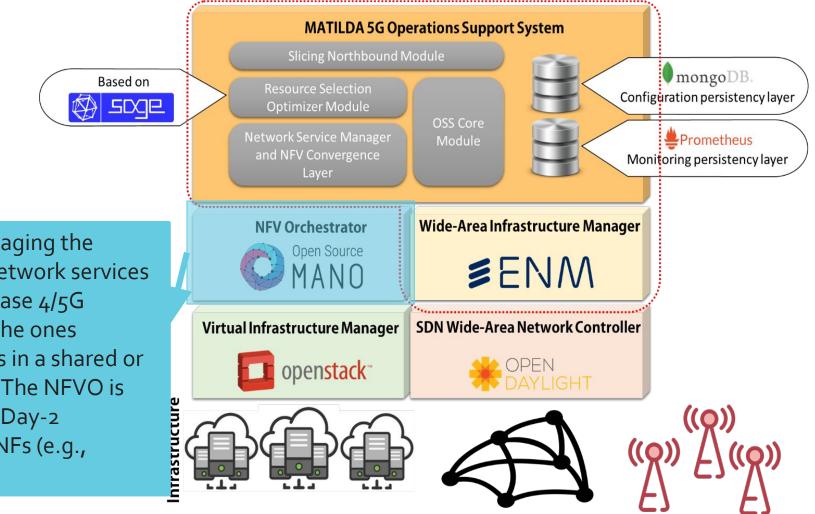






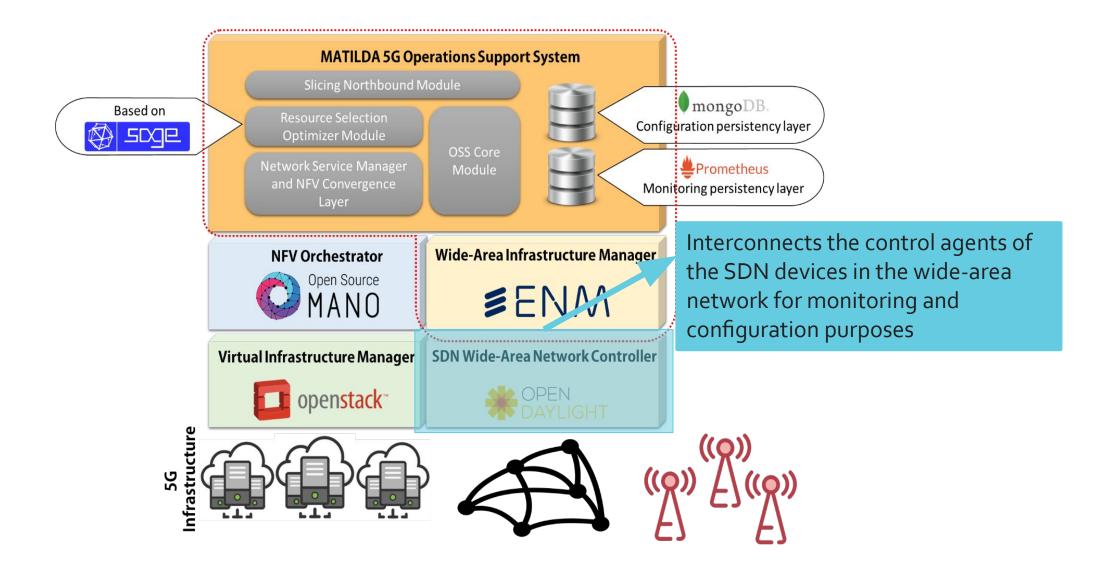






In charge of managing the lifecycle of the network services composing the base 4/5G services, and of the ones provided to slices in a shared or isolated fashion. The NFVO is also in charge of Day-2 operations for PNFs (e.g., g/eNodeBs).



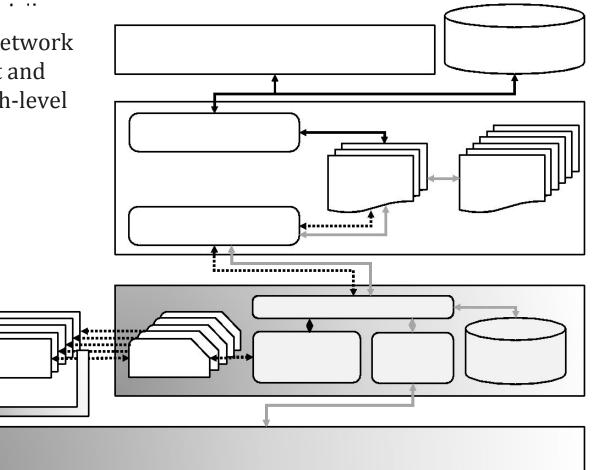


NFV Convergence layer



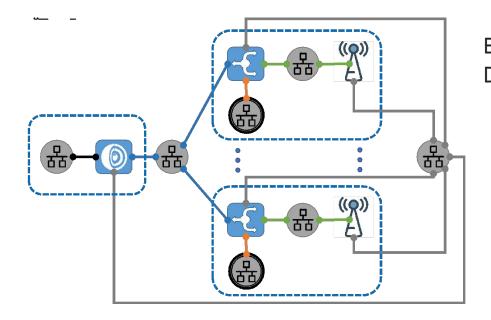
NS Blueprint is an abstraction for producing the Network Service descriptors and generating the deployment and graph creation procedures. It provides a single, high-level network template with a pre-determined set of optional/mandatory capabilities.

.

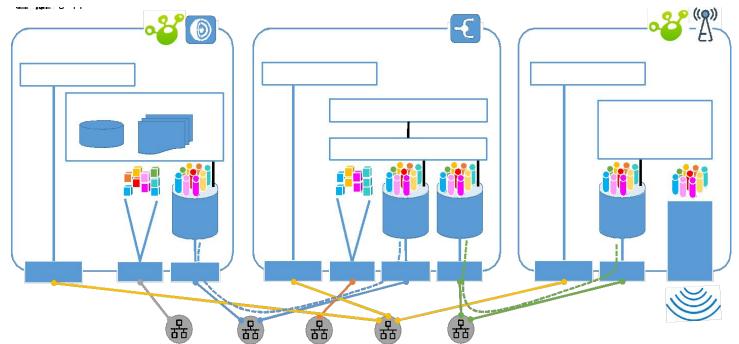


NFV Convergence Layers



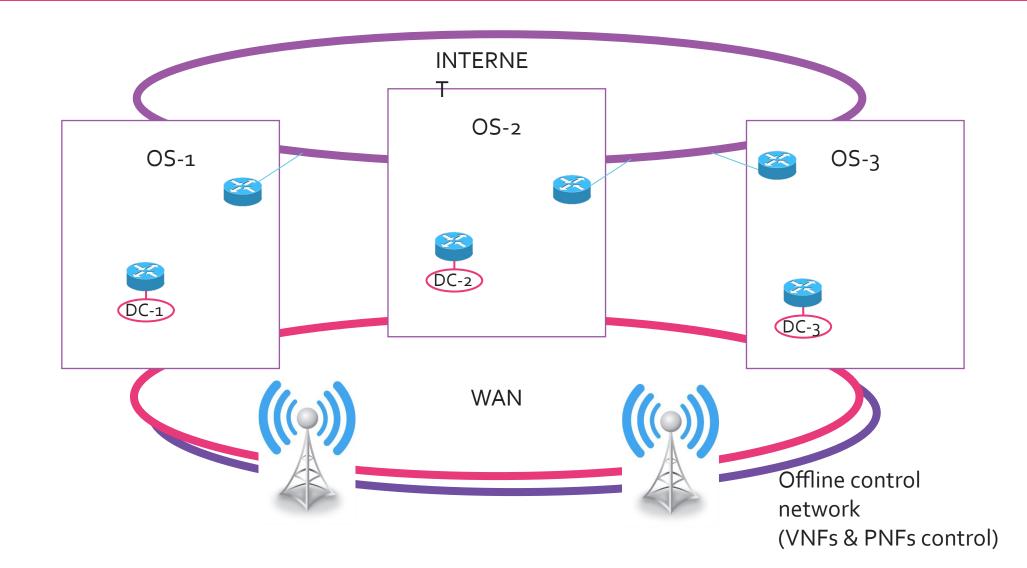


Blueprints & Day-2 Configurations Blueprints & Creation of Network Service Descriptors



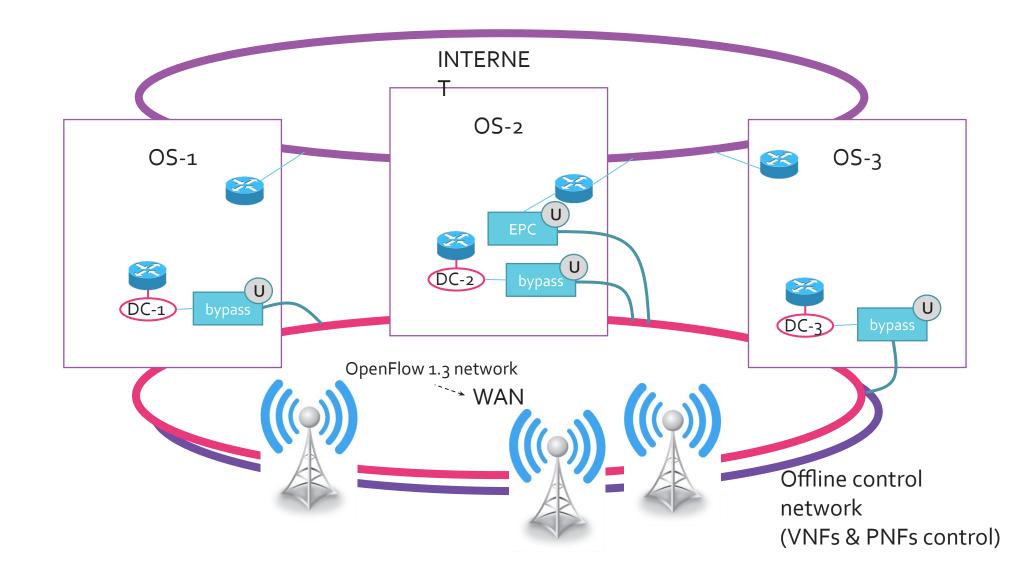
DEMO DESCRIPTION: Step 0 – OS INIT





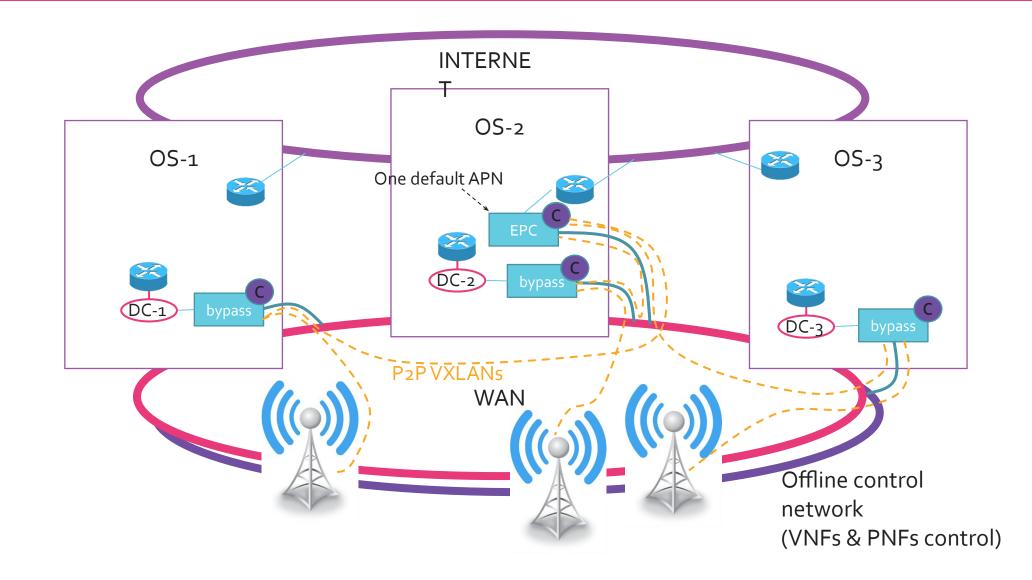
DEMO DESCRIPTION: Step 1 – BOOTSTRAP





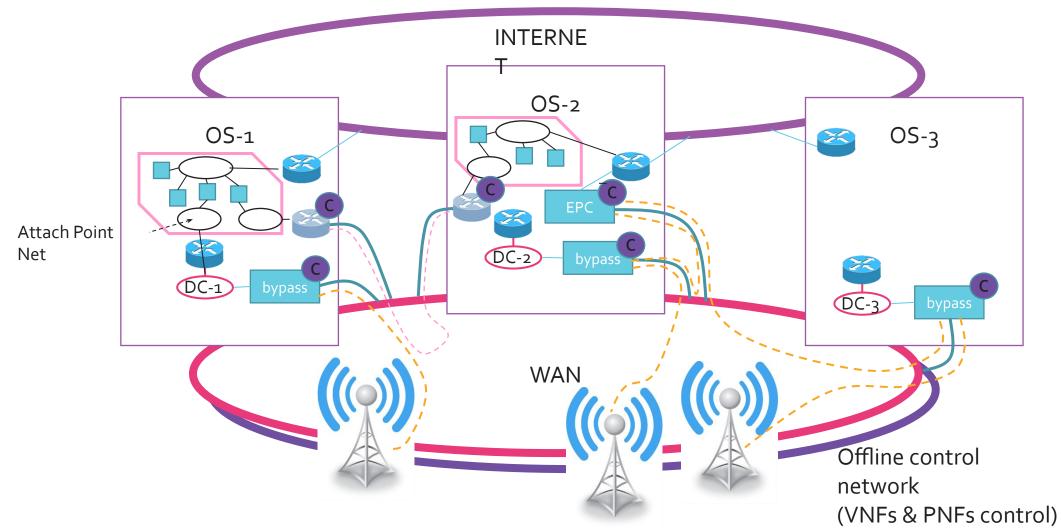
DEMO DESCRIPTION: Step 2 – Configuration





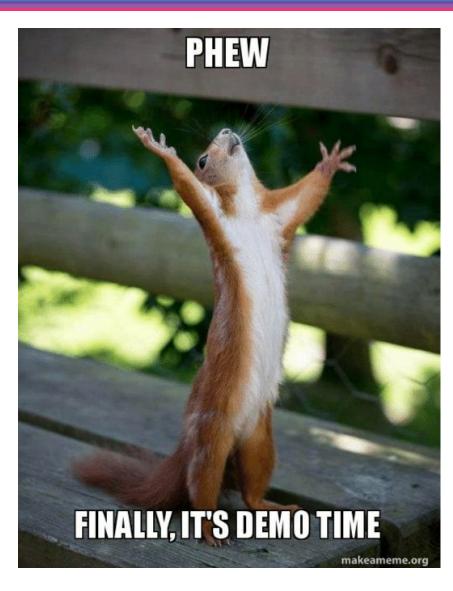
DEMO DESCRIPTION: Step 3 – SLICE MATERIALIZATION





DEMO TIME







Thanks for your Attention Any Question?

