A Network Service Development Kit Supporting the End-to-End Lifecycle of NFV-based Telecom Services

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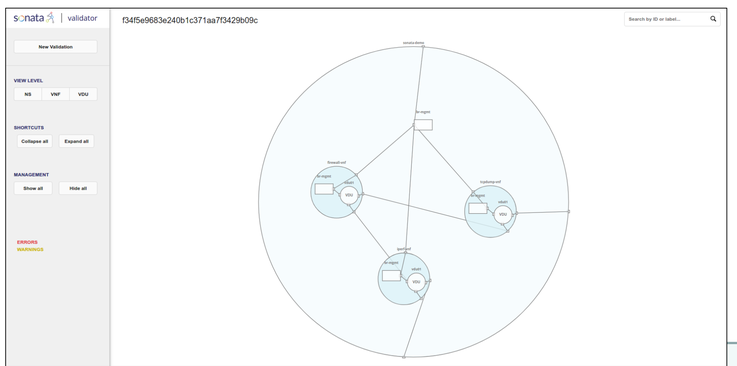

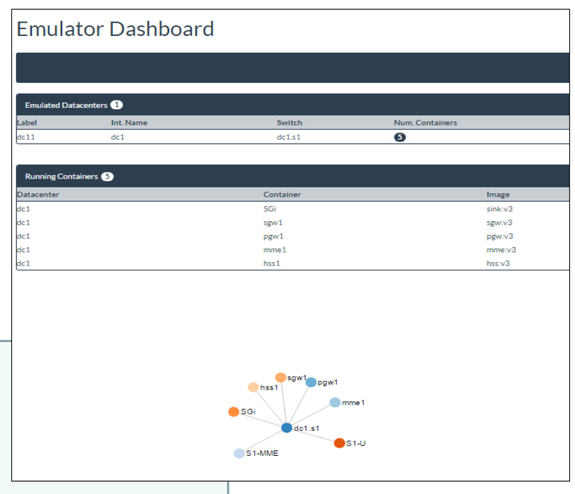

SDK environment

Pre-deployment validation

Deploy & Emulate

Test VNF Configuration

Monitor & Debug Functionality

Check Performance

Edit Service Descriptor

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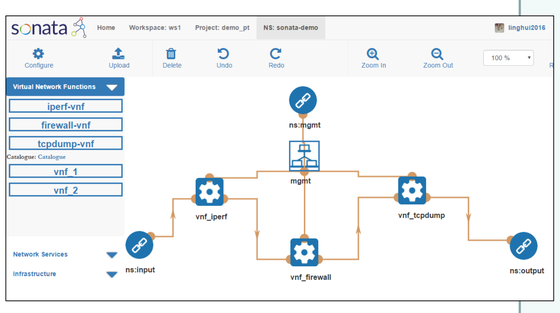
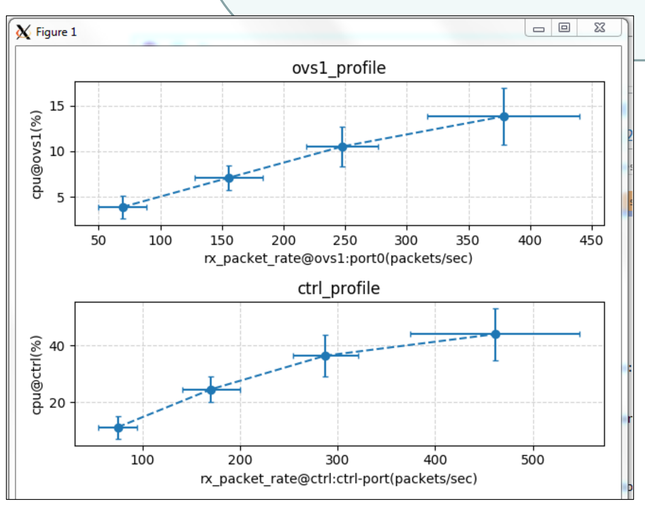
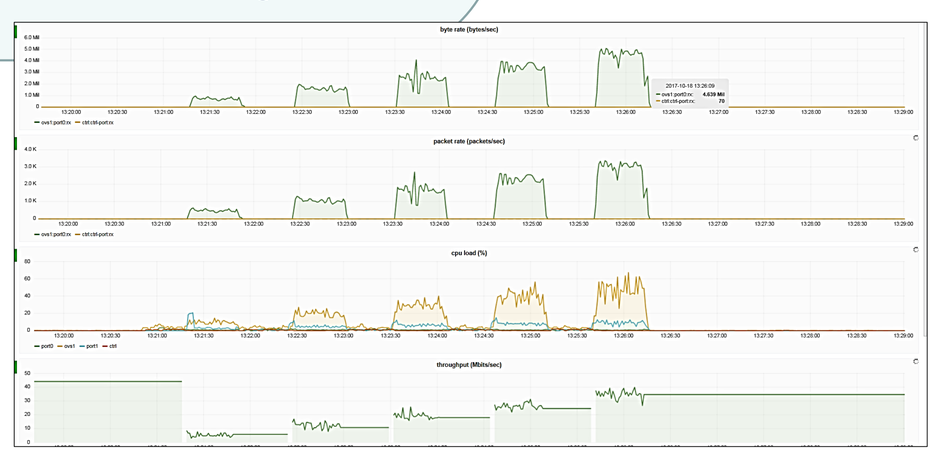
Service Package

push to MANO Platform (deploy or update service)







[MeDICINE] M. Peuster, H. Karl, and S. van Rossem, “Medicine: Rapid prototyping of production-ready network services in multi-pop environments.”, IEEE SDN-NFV 2016

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Service Programming and Orchestration for Virtualized Software Networks

The used software is open-source:

- Developed in the European SONATA research project
- Available on GitHub

https://github.com/sonata-nfv

Part of 5G-PPP initiative:

HORIZON 2020:
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