





## T-NOVA VNF Workload Characterization Framework

Michael McGrath, Vincenzo Riccobene, Intel

## **Framework Overview**

- The VNF Workload Characterisation Framework supports the automated testing of VNF platform configurations and the capture of associated data in an OpenStack Cloud Environment.
- The framework provides orchestration of the full test lifecycle including deployment of the VNF, starting/stopping packet generation, collection of test data, creation experiment metadata and termination of the test case.

## **HEAT Template Generation**

- The framework takes as an input a configuration file which defines the parameters to be investigated and their range of values.
- The framework creates all possible configurations as a set of HEAT templates which are deployed sequentially until all configurations have been tested.







