

## VNF offloading on multi-vendor P4 fabric controlled by ONOS via P4Runtime

In collaboration with Barefoot, Cavium, Netcope

- ONOS: P4Runtime-enabled SDN control plane
- Fabric.p4: open source multi-purpose leaf-spine fabric
  - Support programmable and fixed-function switches from many vendors
- Spgw.p4: implementation of 5G user plane VNF

