

1. Demonstrate Predictive auto-scaling of VNFs by providing VNF's with the resources that they need, before they need them, ensuring that the services can provide timely responses 24/7? Describe advantages over current reactive model of MANO.
2. Demonstrate independent infrastructure slices (5g slice concept) via Opensource such as Open Baton (OPNFV) etc. or Ericsson solutions? You should be able to demonstrate the deployment of multiple customized network slices in parallel or multiple slices one for each tenant, consisting of one or multiple VNFs.
3. Use Machine Learning techniques to better manage the Network in a closed loop self-control: Demonstrate one or many of the following in the application:
 - a. Self-configuration: Automatic configuration of components
 - b. Self-healing: Automatic discovery, and correction of faults
 - c. Self-optimization: Automatic monitoring and control of resources to ensure the optimal functioning with respect to the defined requirements
 - d. Self-protection: Proactive identification and protection from arbitrary attack