

TENTACLE

Infotech S.r.l.

Goal(s) of Experiment:

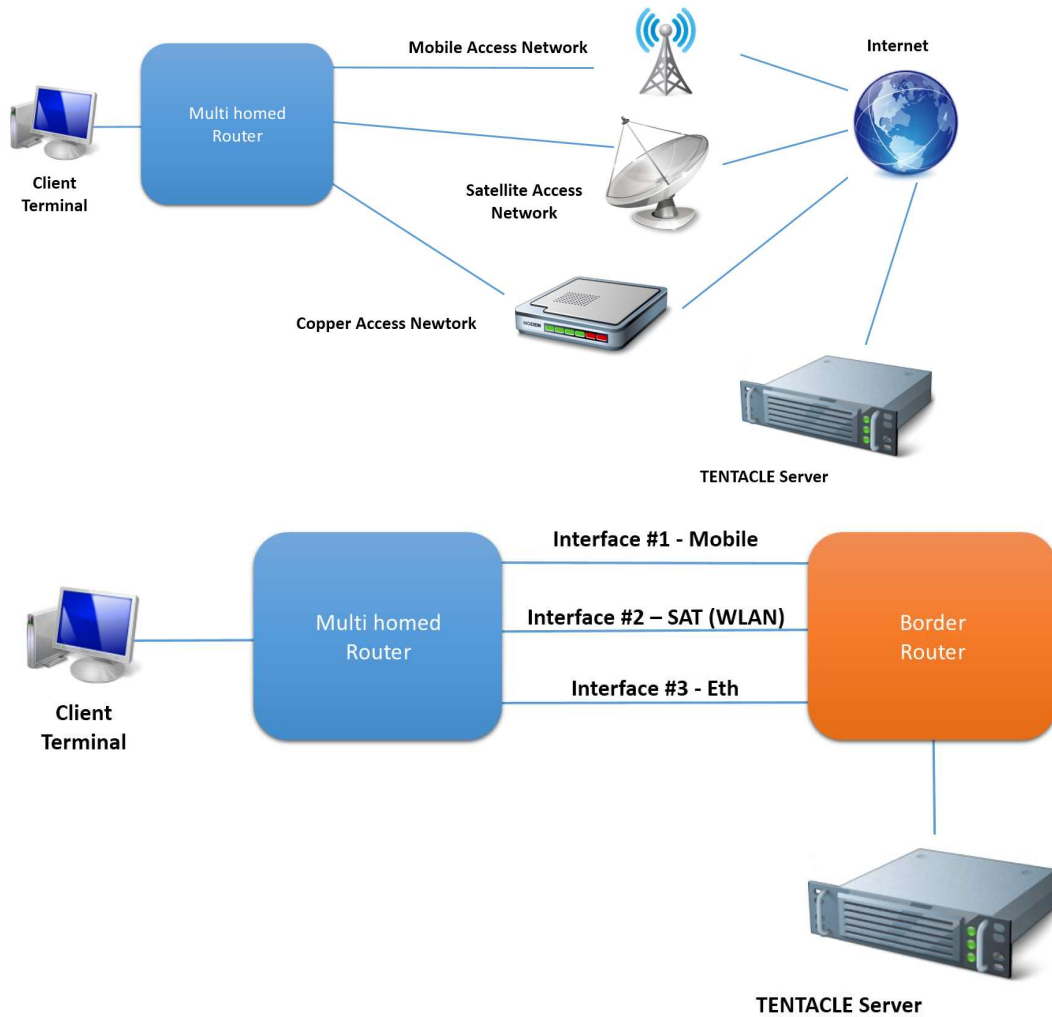
The goal of the TENTACLE experiment is to provide a homogenous environment that supports multi homed routers in order to send traffic flows on multiple Internet access channels accordingly to high level policies that are decided by the user.

Main challenge(s) of Experiment:

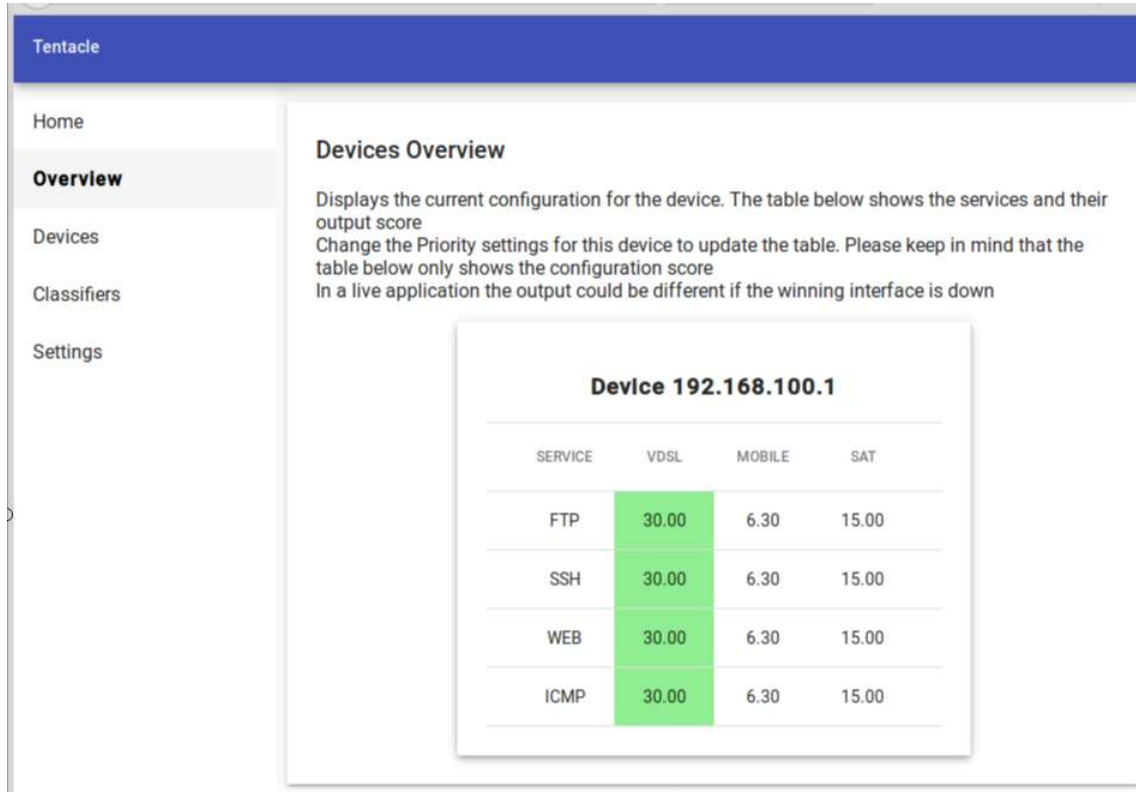
The main challenge of the TENTACLE experiment was to hide the complexity of network engineering to the end user via a simple and coherent graphical user interface that supports multiple heterogeneous Internet access channels and categorizes traffic flows.

Description of setup of Experiment:

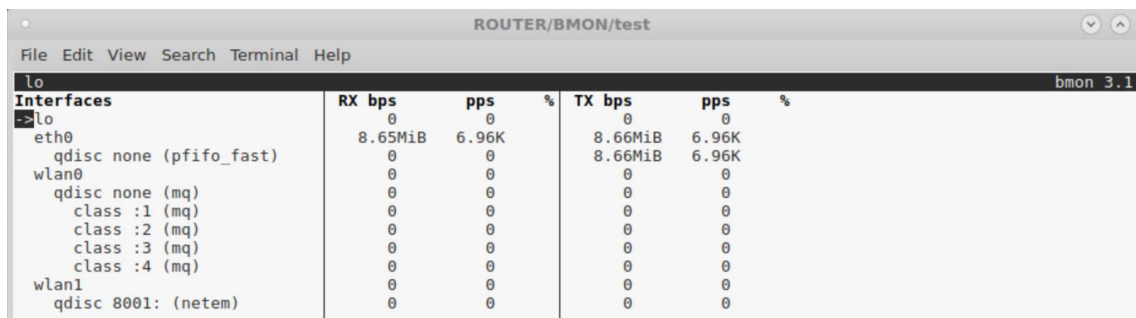
The TENTACLE experiment set up is mapping the typical multi homed router scenario as shown below, on top of the WiSHFUL testbed in order to validate the TENTACLE platform.



• **Main results:**



The TENTACLE experiment proved the ability of the platform to use multiple internet access network at the same time accordingly to user defined policies.



• **Conclusions**

The TENTACLE experiment has successfully ran on top of the WISHFUL testbed and thanks to the WISHFUL UPIs it supports heterogeneous Internet access channels in order to provide traffic flow optimization as well as traffic flow high availability.

• **Feedback**

Thanks to the software tools and hardware provided to us by WISHFUL, Infotech has been able to develop a new solution for high value markets where service availability is essential.

It has also demonstrated that WISHFUL can be a good tool, both for the testbed availability and the software suite, in order to speedup experiments implementation.