





# **Experimentation in Heterogeneous European Testbeds through the Openlab Facility:**

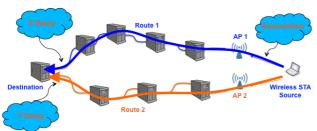
The case of PlanetLab federation with the wireless NITOS Testbed

## **OpenLab Project:**

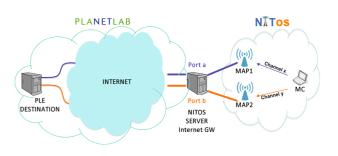
- •federates the wireless NITOS testbed with the wired Planetlab testbed
- •enables the use of heterogeneous experimental facilities under an integrated environment.

#### INTRODUCTION

•The goal is to implement the following research scenario:



# FEDERATED ENVIRONMENT

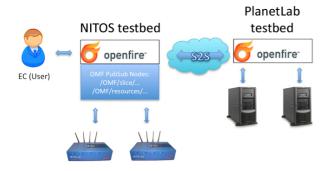


•Association of a wireless device based on end- •The experimental scenario is implemented in to-end wireless and wired delay.

the federated NITOS - Planetlab Europe testbeds.

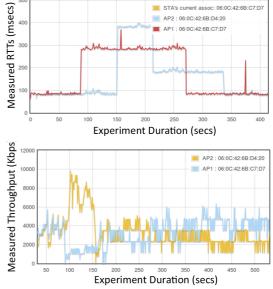
#### **FEDERATION FRAMEWORK**

- Single Sign Up
- Deployment of OMF/OML at PLE resources
- •XMPP Communication using slices



### **EXPERIMENTAL RESULTS**

STA's current assoc: 06:0C:42:6B:C7:D7





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