What is DynPaC for?

The Dynamic Path Computation Framework aims to deploy an enhanced Ethernet connectivity service on top of an SDN/OpenFlow infrastructure.

Why is it Valuable for GÉANT?

GÉANT services could be provided based on a clean-slate approach taking advantage of the benefits of the SDN paradigm. The granularity provided by OpenFlow can be leveraged by the dynamic aggregation and disaggregation of flows.

Operation

Users request to establish a path between two PoPs and the PCE module computes the path based on the information obtained from the monitoring and topology module.

Expected Results

- Resiliency
- SLA based Service Dynamicity
- Efficient Network Usage
- Recovery Time
- Operational Costs

Participants

eduardo.jacob@ehu.es
alaitz.mendiola@ehu.es