



Ministério das



Client

Open vSwitcl

RouteFloy

DF C.

App.

Route Engine

ARP Route

Douto Flow Droto og

Topo. Flow



Virtual

Routers

Control

Coordination

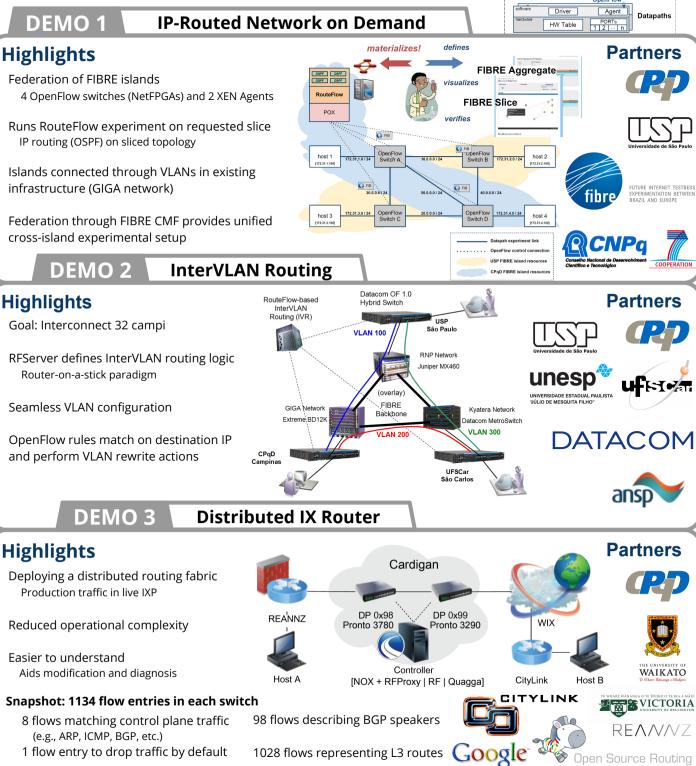
Controllers

When IP routing meets SDN and starts going live

Background

Glue of IP routing stacks with OpenFlow Controller-centric hybrid IP networks Migration path to SDN

Now: From proof of concepts to value-added pilots and SDN innovation!



Architecture

Modular (3 components) Hierarchical, distributed Multi-controller support (POX, NOX, Floodlight, Ryu) Any Linux-based routing stack (Quagga, XORP, BIRD)