

## **OFTRAIN Project Status Report**

Report for the period: - 25-October-2012 19-March-2013

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### **I. Major accomplishments**

Updated course materials for hands-on [OpenFlow](#) workshop (see attached file).

Conducted the following hands-on [OpenFlow](#) workshop:

30-Oct-2012 @ Dante Offices (Cambridge), 16

15-Jan-2013 @ APAN (Hawaii), 24

17-Jan-2013 @Joint Techs (Hawaii), 23

4-Feb-2013 @ NANOG (Orlando), 55

7-March-2013 @ SurfNET (Utrecht), 37

These workshops provided 155 attendees with hands-on experience building a real [OpenFlow](#) environment that included four Ethernet switches and multiple instances of [OpenFlow](#) controllers and Flowvisors.

#### **A. Milestones achieved**

Conducted [OpenFlow](#) workshops for 155 students based on much revised training materials and virtual training environment.

#### **B. Deliverables made**

New [OpenFlow](#) Workshop training materials attached.

### **II. Description of work performed during last quarter**

Refinement of course materials, creating of a on-line environment where students can configure and test real switches that are remotely located.

#### **A. Activities and findings**

Continuously incorporating feedback in to the course and its material. The [OpenFlow](#) standard has changed much since the being of this project and the course is evolving to present these changes.

#### **B. Project participants**

Steven Wallace (PI), and John Meylor and Uwe Dahlmann (graduate students).

**C. Publications (individual and organizational)**

All course materials have been published on the InCNTRE web site.

**D. Outreach activities**

Active participation in the Internet2 SDN working group, including presentations and education materials.