OIN @ GPN Workshop Agenda (v7 – May 19th 2015)

Presenters: Jason Zurawski (ESnet), Rachana Ananthakrishnan (Globus)

- ***Day 1 (Weds May 27th - 7 hrs total) = Science DMZ Topics & SDN***
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  - ***Morning 1 (8:30am – 10:00am = 1.5hrs)***
    - 5 Min = Introductions & Motivation
      - ***Presented by IU, ESnet, Internet2, & Local Hosts***
    - 45 Min = Science DMZ Introduction and Architecture
      - ***Presented by Jason***
      - About ESnet, Motivation for design pattern, Architecture discussion, equipment choice
    - 40 Min = Science DMZ Security
      - ***Presented by Jason***
      - Security Discussion, techniques, policy
  - ***Break (30 min)***
  - ***Morning 2 (10:30am -12:30pm = 2 hrs)***
    - 45 Min = DTN Design/Use Cases/Data Transfer Tools
      - ***Presented by Jason***
      - Overview of hardware, use of software.
    - 75 Min = Globus Presentation & Hands on
      - ***Presented by*** *Rachana*
      - Presentation on Globus as a data transfer tool
      - Hands on component (with home work assignment)
        - Server component install + client application
  - ***Lunch (12:30pm – 1:30pm)***
  - ***Afternoon 1 (1:30pm – 3pm = 1.5hrs)***
    - 60 Min = perfSONAR & Network Monitoring
      - ***Presented by Jason***
      - pS Overview. Tool use and setup. Hands on component
    - 30 Min = Workshop Introduction & Need for Science Engagement
      - ***Presented by Jason***
      - Purpose of event, introduction to problem space
  - ***Break (30 min)***
  - ***Afternoon 2 (3:30pm – 5:30pm = 2 hrs)***
    - 60 Minutes = SDN Building Blocks, & Current State
      - ***Presented by GRNOC/Internet2***
    - 60 Minutes = OpenFlow Tutorial
      - ***Presented by GRNOC/Internet2***

Presenters: Jon-Paul Herron, Brent Sweeny, Ed Balas (GRNOC), Matt Zekauskas (Internet2)

- ***Day 2 (Thurs May 28th – 3.5 hrs total = SDN & AL2S***
  - ***Breakfast will be served between 7:30am and 8:30am***
  - ***OIN Participants are welcome to attend the GPN Keynote (8:30am to 10:00am)***
  - ***Mid Morning (10:30am – 12:00pm = 1.5hrs)***
    - 1.5 Hour = OpenFlow Hands-on Exercise
      - ***Presented by GRNOC/Internet2***
  - ***Lunch (12:00pm – 1:00pm = 1hr)***
  - ***Afternoon 1 (1:00pm – 3:00pm = 2hrs)***
    - 45 Min = SDN Troubleshooting Exercise
    - 45 Min = SDN Implementation Considerations (Hardware, Controller Software, Testing)
      - ***Presented by GRNOC/Internet2***
    - 30 Min = How to Connect to AL2S
      - ***Presented by Internet2***