**NAOPpag Monthly Meeting Notes**

**4/08/2020, 2PM EDT**

Zoom: <https://internet2.zoom.us/j/393114449>

Box Folder: [https://internet2.box.com/s/xi78gopmtmyi16aoppmpik19x1br8ono](https://internet2.box.com/s/levxf8ud13liomm8ph1pmz31b9637q9a)

**Attendees:**

James Deaton, Rod Wilson, Jim Stewart, Marc Wallman, Scott Valcourt, Celeste Anderson, Frank Seesink

**Unable to Attend**: Dee Childs, Michele Norin, Harvey Newman

**Staff:** Rob Vietzke, Kathleen Kay, Linda Roos, Paul Howell, George Loftus, Chris Wilkinson

**Notes**

1. Welcome (James Deaton)

2. Discussion Items

* COVID-19

Rob shared graphs depicting the amount of research work that is ongoing; even as campuses are idle, the R & E network continues to be used. Great story on macro scale of the amount of research traffic being ongoing. Internet2 has accomplished significant augments to increase capacity available to peers.

James Deaton discussed ongoing and long-term broadband concerns and Frank Seesink said the North Carolina transition went smoothly and heard that in West Virginia the move exacerbated the digital divide problem.

In another example of the community and Internet2 working together, additional augments to upstream capacity can be enhanced for rural providers through I2PX; campuses can offer their unused capacity to providers for 60-90 days. Upon NAOP approval, Internet2 will send information about this to regionals.

In response to requests from the community Internet2 developed COVID-19 Rural ISP Support Program: <https://docs.google.com/document/d/1VZUWSejeeZmqDhFL7WYSakfXgTrEK2HcbkpRQ4ls1l4/edit?usp=sharing>

Paul Howell: Kentik has a software-as-a-service netflow analytics service and they have offered to make the service available for free to .edu participants for 6 months. The service gives network operators insight into where traffic is going as folks are working from home.

George Loftus: The DDoS-Radware contract was signed in December and, on behalf of the community, Internet2 secured an extension with Oracle through March. All seven subscribers successfully moved to Radware and are pleased with the enhanced features of the new service. George indicated additional regionals are interested in coming onboard.

Paul Howell: Internet2 enabled Flowspec in the network recently. Flowspec enables fine-grained actions to be performed based on IP addresses and is usually used in large DDoS attacks or other attacks. Internet2 is looking at ways to expose this to regionals and campuses in order for them to block traffic if they’d like. While there is no ONE best solution to prevent attacks, this is another attack mitigation tool.

Rob updated the committee on the recent Internet2 Board Meeting. During the virtual meeting the audit report was approved. It was noted that Internet2 is in great financial shape heading into this uncertain time.

George Loftus said the new fee model will be implemented in July 2021. The Service Model sub committee recommended that people be allowed to transition to the new model where resources are available from July 2020- July 2021. A formal recommendation will be brought back to the NAOP.

Optical cutovers will begin in the next 30 days. The four vendors who are finalists in the packet RFP process have an opportunity to provide final bids by mid-April. Discussions regarding field testing, timing and impact have begun and will be discussed at the next meeting on May 13th.

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