

Connecting Anchor Institutions Nationwide through BTOP (straw man proposal)

February 1, 2010

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“Especially community colleges”

- NTIA Broadband Technology Opportunity Program (BTOP) Round 2 NOFA
 - Comprehensive Community Infrastructure (CCI) for “new or substantially upgraded connections to community anchor institutions, especially community colleges”
 - Eligible expenses include:
 - New fiber and/or IRUs
 - New equipment
 - Pre-application expenses

The Internet2 community is the largest provider of broadband to anchor institutions

- According to a recent survey, over 63,000 K20 institutions are connected to the Internet2 Network
 - estimated as 1/3 of all U.S. anchor institutions
- Our community – which operates multi-system networks - uniquely understands and addresses the importance of end-to-end performance
- We seek value from network-intense applications, rather than throttle their use to improve profits

63,000 institutions is only 1/3 of the goal

- BTOP is the opportunity for the Internet2 community to serve all anchor institutions
- Reaching all anchor institutions broadens the Internet2 community's supporting base, thus improving the sustainability of both Regional Networks and the national backbone

Internet2's straw man proposal initial thoughts include:

- Acquire IRU-like fiber backbone (will become the Internet2 Network backbone over time)
 - Increased capacity to serve all anchor institutions
 - Ability to provide low cost, distance insensitive commodity Internet access to anchor institutions
 - Wave capacity to fill-in gaps between regional networks
- Better support for all anchor institutions
 - More inclusive SEGP program
 - Could lead to more affordable member+participation fee structure

Partnership required to create a compelling proposal

- Internet2 with community input can provide:
 - Network design
 - Budget - Expenses and sustaining business model
 - Matching Funds
 - Compliance and Reporting
 - Public/Private Partnerships
- What would be helpful from Connectors & Network Members:
 - List of community anchor institutions
 - How current service could be improved
 - Which anchors will be newly served
 - Service areas by Census track
 - Substantial & meaningful letters of support

We Need Your Input

- Network Member and Connector BoF
 - 2/1/10, 6:00 PM - 7:30 PM MST
 - Location: Ballroom 2/3, Marriott
- Open Community Call
 - 2/9/10, 3PM EST, call details forthcoming
- Additional questions at Joint Techs,
please see Eric Boyd
- Email input anytime: bttop@internet2.edu

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