

Stimulus Briefing Begins at 1 p.m. ET

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Update on the American Recovery and Reinvestment Act of 2009

for the Internet2 Community

April 23, 2009



Internet2 Stimulus Resource Page:

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Today's Update:

- NTIA & RUS Broadband Programs –
 - Public comments
 - Ex parte meetings
 - Congressional testimony
 - Microsoft, “Unleashing” filings
- Personnel developments

NSF “Academic Research Infrastructure” Program

- \$200 million in ARRA
- “Bricks & Mortar” OR IT Projects
- “Campus Cyberinfrastructure”
- One proposal/project per applicant
- 50 to 75 grants - \$1 - \$1.5 million
- 10 grants – up to \$10 million
- Notice coming soon...?????

Broadband Programs - \$7.2 billion

- National Telecommunications and Information Administration (NTIA)
 - **\$4.7 billion**
- Department of Agriculture Rural Utilities Service (RUS)
 - **\$2.5 billion**

NTIA/RUS Broadband Programs

- Public Comments on Web:
 - <http://www.ntia.doc.gov/broadbandgrants/comments.cfm>
- Highlighted Comments from BroadbandCensus.com:
 - <http://broadbandcensus.com/2009/04/the-broadbandcensuscom-list-of-ntia-comments/>

NTIA/RUS Broadband Programs

- Ex Parte Meetings – summaries posted on web:
 - <http://www.ntia.doc.gov/broadbandgrants/exparte.html>
- Example:
 - March 23 telephone call between Mark Seifert & Jeffrey Campbell of Cisco
 - Discussion of “Buy America” provisions of ARRA

NTIA/RUS Broadband Programs

- Testimony of NTIA's Mark Seifert on April 2, 2009 before the Subcommittee on Communications, Technology & the Internet, U.S. House of Representatives Committee on Energy and Commerce:
 - http://www.ntia.doc.gov/congress/2009/NTIA_Seifert_Testimony_20090402.html

NTIA/RUS Broadband Programs

- Excerpts from Seifert's Testimony:
 - “The Obama Administration is committed to harnessing the power of broadband technology to stimulate economic growth, create jobs, and help lay the foundation for long-term prosperity for all Americans.”
 - “...we want to begin to close the broadband gap in America. We, therefore, want to extend high-capacity pipes closer to users in rural, remote, and underserved communities. As Congress has instructed, other entities will be able to connect to those pipes, which will spur competition and get service to people and businesses.”
 - “...we want to start taking steps to ensure that our schools, universities, libraries, community centers, job training centers, hospitals, and public safety personnel have high-speed access. We have been asked by Congress to focus on funding highspeed connections to these community anchor institutions.

NTIA/RUS Broadband Programs

- Excerpts from Seifert's Testimony:
 - “With access to broadband, students are able to learn and access resources far beyond their own classrooms or local libraries. Using telemedicine applications over broadband connections, doctors and other medical professionals can bring the latest medical advancements to patients in remote areas, resulting in immediate, efficient, and cost-effective treatment. ...**Researchers and scientists require high-speed connections to collaboratively develop the new ideas that will keep our country in the lead.**”

NTIA/RUS Broadband Programs

- Excerpts from Seifert's Testimony:
 - ‘...we anticipate receiving applications that will allow people who live in unserved and underserved areas to work online at speeds that permit videoconferencing. We hope to see applications that propose to make broadband available for smart grid technology and health information technology applications. We want applications that will provide researchers and scientists at universities and other institutions the broadband connectivity they need to compete with the rest of the world. Schools, universities, libraries, community centers, job training centers and hospitals are all community anchor institutions that need broadband connectivity. We view these grants as a test-bed or proof of concept for sustainable, viable, and scalable projects. For example, we encourage partnerships between small businesses, municipalities, and others that may demonstrate nontraditional but effective ways of getting broadband into communities.’

NTIA/RUS Broadband Programs

- Microsoft filing with NTIA/RUS/FCC:
 - Focus limited \$ “to ensure all the nation’s schools, public libraries and hospitals have robust, affordable connections to the Internet.”
 - “By robust connections, we mean at least 100 Mbps, symmetrical, capacity.”
 - “By ‘schools’ we mean K-12 institutions, community colleges and at least those universities that engage in basic research and, often at the same time, serve as hubs for creating connections to other schools and colleges.”
 - “By ‘hospitals’ we mean traditional hospitals, as well as the approximately 3,500 stand-alone ambulatory care facilities that often serve as stand-ins for hospitals in rural and inner city areas.”
 - “Once these connections are pulled deeper into every community in the nation, ..the US government also will have created jumping off points (or interconnection points) for commercial providers to step up and use for the deployment of broadband to Main Street and to neighborhoods.”



NTIA/RUS Broadband Programs

- “Unleashing Waves of Innovation” refiled with NTIA:
 - <http://www.ntia.doc.gov/broadbandgrants/comment.cfm?e=D3509C0A-8D23-4942-AF98-6428828FA1B1>
- Supported by Internet2, EDUCAUSE, The Quilt, StateNets, EPSCoR Foundation, National LambdaRail, Computing Research Association, SURA, and WICHE

Other Stimulus News

- **Larry Strickling** nominated to head NTIA
- **Aneesh Chopra** nominated to be Chief Technology Officer and Associate Director for Technology, OSTP
- **William Brinkman** (Princeton physicist) nominated to be Director, Office of Science, Department of Energy

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