

LNetwork Nebraska Agenda
<http://nitc.nebraska.gov/NNAG/meetings/>
December 10 - 1 to 3 PM
<http://goo.gl/pmMNHu>
Video Conferencing Connection Information
<https://esucc.zoom.us/j/3086981981>

Agenda:

1. Welcome - [Network Nebraska Members](#)
 - a. NNAG Members -Scott Jones, ESU 16; Kirk Langer, LPS; Deb Schroeder, UNK, John Stritt, ESU 10; Chris Vaverek, Creighton University; Tom Peters, CCC; Ron Cone, ESU 10 ;Gene Beardslee, PSC; Clifton Pee, MCC; Darci Lindgren, Lindsay Holy Family School; Bob Uhing, ESU1; Mike Carpenter, Doane College; Caroline Winchester, Chadron
 - b. Liaisons - Tom Rolfes, OCIO; SuAnn Witt, NDE; Leona Roach, UNCSN, Grey Gray, UNCSN, Brad Weakly, UNCSN; Ben Mientka, UNCSN
 - c. Guests - Michael Patrick, OPS; Jonathan Becker, OPS; Susan Forslund, ESU#3
2. Additions to the agenda - please add items to the agenda?
 - a. There no additions to the agenda.
3. [September 17 Meeting Notes](#)
 - a. Motion to approve - Bob Uhing
 - b. Second - Tom Peters
 - c. Vote - 12-0-0 in favor
4. Liaison reports impacting NNAG discussion (Tom Rolfes)
 - a. CAP update
 - i. Internet RFP: <http://das.nebraska.gov/materiel/purchasing/4862/4862.html>
 - ii. Bids are due on January 2, 2015 at 2:00pm; bidding Internet egress out of 1623 Farnam, Omaha location.
 - b. NITC I.T. Project Proposals (Application Services)
 - i. Dean Folkers -- Dean provided an overview of the two projects, Building Educational Data Capacity & Instructional Improvement Systems and how they may affect Network Nebraska. Data infrastructure, chief privacy officer, and instructional improvement systems (“app store”; e.g. teaching and learning systems, back office systems, administrative systems) to provide access for 245 school districts. Tennessee was one state that pre-approved and financially supported five standards-based Student Information Systems. The data exchange and interoperability of data will have implications for higher education. The P-20 Data Committee is composed of representatives from K-12, the University of Nebraska, community colleges, state colleges, etc... There are 9 pilot school districts that are part of the ADVISER dashboard, all of which are on Network Nebraska.
 - ii. Brent Gaswick -- Brent provided an overview of the project, eLearning, which involves digital content creation and procurement, as well as professional development for teachers--a fellowship program for master teachers who help develop professional development content to help other teachers emerging into the hybrid, blended learning environment.

1. [eLearning Project proposal](https://drive.google.com/file/d/0B25D2IUxnXr8QXMzT1FtdFRjdk0/view?usp=sharing) as presented to budget office and NITC
 2. The budget is described as “hypothetical” or a placeholder that may involve other components such as federated identity management and single sign-on.
- c. NITC Technical Panel - Tuesday, December 9
- i. Discussed and reviewed the technical nature of these three proposals. Summary documents and Tech Panel scores are available from http://www.nitc.ne.gov/technical_panel/meetings/documents/20141209/projects_ss_all.pdf and are the first three projects listed out of six.
- d. Education Council - Wednesday, December 17
- i. Education Council will perform a programmatic review of three projects from the Nebraska Dept of Education that are to be considered as part of the Legislature’s biennial budget for 2015-17.
- e. E-rate - Update on changes and impact on NN members
- i. FCC vote on December 11 may address the E-rate Funding cap from \$1.5 billion to \$2.4 billion; clarification of rural/urban status designations; and any further clarification on internal connections funding.
5. Committee Reports
- a. **Governance** (Deb Schroeder, Scott Jones, John Stritt, Chris Vaverek, Darci Lindgren)
 - i. Review NNAG committee membership - Scott Jones
 1. Committee Reports--Contact Scott with changes to committee membership
 - a. **Governance** (Deb Schroeder, Scott Jones, John Stritt, Chris Vaverek, Darci Lindgren)
 - b. **Emerging Technologies** (John Dunning, Ron Cone, Tom Peters, Gene Beardslee)
 - c. **NN Application Services** (Bob Uhing, Mike Carpenter, Kirk Langer, Michael Ruhrdanz)
 - d. **Marketing** - (Clifton Pee, Caroline Winchester, Rob Hanger)
 - ii. NN Membership - Tom Rolfes
 1. Potential NN Members ([7/1/2014 Participation Report](#))
 - a. K12 (Public) - 14 ESU 3 schools; South Platte PS @ Big Springs
 - b. K12 (Private, Denominational) - Lincoln Diocese, Omaha Archdiocesan Schools; Others
 - c. Post Secondary - Bellevue University, Bryan College of Health Sciences, Concordia University, Grace University, Hastings College, Nebraska Methodist College, York College (Mike Carpenter & Chris Vaverek) Mike will contact Bryan, Concordia, Hastings and York. Chris contacts Bellevue, Grace and Nebraska Methodist.
 - d. Other - 267 Public Libraries
 - iii. NN Membership Guidelines/Participation Profile - John Stritt
 1. [Network Nebraska Statutes](#)
 2. Reviewing membership guidelines
 - a. Changing statute? Actions taken to add non-profit providers as eligible NN members.

- i. (January 7-21 Bill Introduction)
 - ii. Neb. Rev. Stat. 86-5,100:
<http://nebraskalegislature.gov/laws/statutes.php?statute=86-5,100>
 - b. Restructuring NN fees - some ideas
 - i. Tiered plan based on a % of base rate
 - 1. Could increase membership of private schools and public libraries - See bandwidth summary
 - ii. Bandwidth use fee - IE: Cost is \$1 per Mbps per month but charge \$1.10 per Mbps per month?
 - iii. Service fee for non NN members who need access to virtual servers that might be housed on NN.
 - iv. Bandwidth summary
 - v. Committee volunteers would study the potential impact of increased Internet bandwidth necessitating increased infrastructure costs, and then consider different options of altering the cost recovery system, as well as providing Internet usage data to purchasers before they place their orders for Internet (e.g. 2/1/2015).
 - vi. Issues: Internet purchase demand vs. Internet consumption; WAN capacity into Network Nebraska. Would cost recovery system/surcharge pertain to either or both?
 - vii. Committee: Ron Cone, ESU 10; John Dunning, WSC; Chris Vaverek, Creighton; Jonathan Becker, OPS; Clifton Pee, MCC; Darci Lindgren, Lindsay Holy Family School; Deb Schroeder, UNK; Tom Peters, CCC.
 - iv. Budget - Deb Schroeder
 - 1. Refer to discussion on Future Network (Brad & Ben)
- b. **Emerging Technologies** (John Dunning, Ron Cone, Tom Peters, Gene Beardslee)
 - i. Identity Management & InCommon Pilot Project - Ron Cone
 - 1. Federated Directory System (single sign-on) part of ESUCC's [BlendEd Initiative](#) & NDE Data Dashboard (ADVISOR) Project
 - ii. Big Data Transport (Data Dashboard) -
 - iii. Caching Service - Brad Weakly--
 - 1. Apple caching
 - 2. How about allowing fee incentives for employing local caching services?
 - iv. Firewalls/Gatekeepers - Ron Cone Leadership of Ben and Brad suggesting firewall options.
 - v. IPv6 - John Dunning Table.
- c. **NN Application Services** (Bob Uhing, Mike Carpenter, Kirk Langer, Michael Ruhrdanz)
 - i. BlendEd - Bob Uhing: Identity management for LOR and Data Dashboard
 - ii. LMS Pilots supporting schools using Learning Management Systems and a statewide Model having IMS Global Standards
 - iii. Statewide Survey called Clarity that looks at student use of technology and teachers use of Tech. in the classroom and expectations of students in the K-12 classroom
 - iv. Internet2 Net+ and Commercial Peering Service- Michael Ruhrdanz:
 - 1. [Net+](#) are additional Internet2 services.
 - 2. Are Net+ services available to university and all NN members?

- v. Traffic Shaping - (Over subscription??) Brad Weakly:
 - 1. Infrastructure projections and impact on budget/participation fee
 - 2. Purchasing 25GB and using only 15GB (Over subscription)
 - 3. Network Nebraska imposes shaping policies at the request of the entity members. Contact Ben and/or Brad.
- vi. Intrusion Prevention Services - Brad Weakly and Ben Mientka:
 - 1. Ready to move some ESUs to transition into the equipment
 - 2. Contact Brad and/or Ben to discuss/implement.
- vii. Network Management - Brad Weakly and Ben Mientka:
 - 1. Implemented Solarwinds system. Have accounts been delegated?
- viii. Shared Services - What services could be offered and passed on to NN members?
 - 1. Zoom desktop application?
 - a. Currently 14 colleges (4 purchased, 10 free) and 17 ESUs (14 purchased, 3 free) have accounts.
 - b. Pennsylvania has a statewide or enterprise license.
 - 2. Other Cloud Services???
 - 3. Other Services?
- d. **Marketing** - Clifton Pee, Caroline Winchester, Rob Hanger
 - i. NN Web Site - Tom Rolfes
 - ii. Survey - SuAnn Witt:
 - iii. Collaboration with outside groups (PSC) - SuAnn Witt:
 - 1. PSC is interested in NN use.
 - iv. Other Committee Reports:
- e. Community Colleges - Tom Peters and Clifton Pee:
- f. State Colleges - Gene Beardslee and John Dunning:
- g. U of Nebraska - Debbie Schroeder and Michael Ruhrdanz:
- h. Private Colleges - Mike Carpenter and Chris Vaverek
- i. ESUCC - Bob Uhing:
- j. DEAC - Scott Jones:
- k. NOC - Ron Cone
 - Significant discussion surrounding Statewide initiatives including:
 - 1. Identity Management which included a presentation by [IlliniCloud](#) and their Shared Learning Environment.
 - 2. LOR & Safari Montage implementation, ongoing training and other issues
 - Trainings which were to include Ubiquiti AirMax budget for future needs
 - Next meeting in February
- 6. Upcoming Meeting Dates
 - a. 3rd Wednesday - PM (January 21 - **March 18 (F2F)** - May 20)
- 7. Next regular meeting - Wednesday, January 21. 1-3 PM

The meeting adjourned at 3:00PM CT.

Meeting minutes were "crowd-sourced" by members of NNAG and reviewed by staff liaisons before posting to the www.nitc.ne.gov/nnag website.