

Network Nebraska Agenda
<http://www.networknebraska.net/>
<http://www.nitc.nebraska.gov/nnag/> (NNAG site)
May 20, 2015
<https://goo.gl/J0XW89>
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Agenda:

1. Welcome - [Network Nebraska Members](#) (Please sign in)
 - a. NNAG Members -Scott Jones, ESU 16, Clifton Pee, MCC; Mike Carpenter - Doane College, Deb Schroeder, John Stritt, Rob Hanger, Darci Lindgren - Lindsay Holy Family School, Ron Cone - ESU 10, Chris Vaverek - Creighton University, Gene Beardslee - PSC, Tom Peters-CCC
 - b. Liaisons - Greg Gray; Leona Roach; Ben Mientka, Brad Weakly, SuAnn Witt NDE
 - c. Guests - Dr. Ted DeTurk, ESU 2; Susan Forslund, ESU#3, Mark Hansen, ESU#3
2. Additions to the agenda - please add items to the agenda?
 - a.
3. [March 18 Meeting Notes](#)
 - a. Motion to approve - Scott Jones
 - b. Second - Mike Carpenter
 - c. Vote - Passed
4. Liaison reports impacting NNAG discussion (Tom Rolfes)
 - a. CAP update - RFPs for the backbone will be developed this summer and issued in early fall.
 - b. NITC Technical Panel - Mike Carpenter May 21 meeting to share with NITC Digital Education Vision Initiative plus Network Nebraska Initiative.
 - c. Education Council
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)
 2. Proposed replacements on NNAG Committee - July, 2015

- a. Ted DeTurk, ESUCC/ESU 2 Administrator for Bob Uhing
 - b. Susan Forslund, ESU 3 - 1 Year Replacement for John Stritt
 - i. **Scott Jones moved that Ted DeTurk and Susan Forslund be approved as NNAG members for 2015-16. Tom Peters second. Motion Passed.**
3. Election of Co-Chairs
- a. Motion - Clifton Pee 2nd - Mike Carpenter
- ii. NN Membership Guidelines/Participation Profile - John Stritt
- 1. Follow-up on Lincoln Diocese decision
 - 2. **NNAG Sub-Committee Cost Model Discussion Meeting** - (Ron Cone & John Dunning)
 - a. NN Membership Review
 - i. Shadowed entities (examples...there are others)
 - 1. John G Niehardt Center through Bancroft Rosalie School
 - 2. Homestead
 - 3. Private Schools
 - ii. Lincoln City Libraries (possible new Participant)
Tom reports (from DC) they plan to join in late fall and plan to be a paying member.
 - iii. Grand Island City Library (paid Participation for 2015-16?)
 - 1. **Columbus discussion. Followup with Tom Rolfes.**
 - iv. Connect fees to ESU 3, 4, 5, 6
 - 1. \$104,724 per year
 - v. Changing the membership cost structures on a tiered plan.
 - b. Discussion led by Ron Cone regarding membership.
 - c. John Stritt asked about GI Library and NNAG agreed that they should be a full paid agreement next year. Follow up with Tom Rolfes.
 - d. Ron Cone shared about possible long term costs of connect fees to ESU 3, 4, 5, 6.
 - e. Debbie Schroeder shared that in areas that do not have adequate access could they be members of Network Nebraska? (UNO representative)
 - i. Ron Cone shared this was an educational backbone so other alternatives should be the consideration.
 - f. Ron Cone discussion on shadowed entities was to charge a % of the membership cost. The cost would be addressed to the entities that is hosting that connection.
 - i. Clifton Pee asked about criteria that might not meet the statute and what is our responsibility to not be in conflict of their local ISP.

- ii. Ron shared that OCIO will have statute to support who can be a member. Like and unlike definition might also be defined to determine shadowed eligibility.
 - iii. Budget - Deb Schroeder
 - 1. [Statewide Internet 2015-16](#)
 - 2. [Projected 2015-16 costs](#) (backbone)
 - 3. [Proposed Participation Fee - May 13 version](#) (\$203.15 per member)
 - a. Has NN looked at outside services rather than purchasing our own equipment? Brad said NN is unique in its setup that this is currently the best way to support these services.
 - b. Does NN need more staffing resources? Brad said the NOC should continually review. Resources are really on demand and can turn up support as needed.
 - c. Ben Mientka - Should add a DNS standard to support as a proactive measure.blocking.
 - 4. Budget Approval?? June Meeting Necessary?
 - a. Tom Peters approved Participation as presented. Mike Carpenter second. Passed
 - b. tom Peters - Mike. Passed.
- b. **Emerging Technologies** (John Dunning, Ron Cone, Tom Peters, Gene Beardslee)
 - i. Identity Management & InCommon Pilot Project - Ron Cone
 - 1. ESUCC contracted with company to develop Identity Management & Portal system to enable SSO for NDE Data Dashboard (ADVISOR)
 - ii. Big Data Transport (Data Dashboard) - Will be an operational data store for K12 data.
 - iii. Caching Service - Brad Weakly--Schools have assisted with caching services for Apple. Also some Google support services at NN level.
 - iv. Firewalls/Gatekeepers - Ron Cone
 - 1. Fortinet education user group meeting in February was well received and we hope to do it again in the fall
 - v. IPv6 - John Dunning
- c. **NN Application Services** (Bob Uhing, Mike Carpenter, Kirk Langer, Michael Ruhrdanz)
 - i. BlendEd - Bob Uhing: Identity management for LOR and Data Dashboard
 - ii. Internet2 Net+ and Commercial Peering Service- Michael Ruhrdanz:
 - iii. Traffic Shaping - (Over subscription??) Brad Weakly:
 - 1. Bandwidth usage stats
 - 2. Brad said they were going one more year on traffic shaping with no upgrade.
 - iv. Intrusion Prevention Services - Brad Weakly and Ben Mientka:
 - 1. Brad shared - Looking to roll this service out more to be more proactive than reactive.

- 2. Adding some additional services in GI to spread bandwidth needs
 - v. Network Management - Brad Weakly and Ben Mientka:
 - 1. Brad Shared - Moved over to the Solar Winds platform. Watched 24 hours a day.
 - vi. Shared Services - What services could be offered and passed on to NN members?
 - 1. Zoom desktop
 - a. [Statewide proposal 2015](#)
 - 2. Other Cloud Services???
 - 3. Other Services?
- d. **Marketing** - Clifton Pee, Caroline Winchester, Rob Hanger
 - i. Had initial Meeting
 - 1. Our market is Unclear.
 - a. There are 3 designated types of Network Nebraska via statute. Should we just limit it to Education entities?
 - b. How would a potential customer know which type they should join under?
 - 2. Is our goal over the next year to add more members to drive down price and meet goals of the project?
 - ii. NN Web Site - How can we promote these sites?
 - 1. **Network Nebraska Web Site** - <http://www.networknebraska.net/>
 - 2. **Network Nebraska Governance** - <http://www.networknebraska.net/about/governance.html>
 - 3. **Network Nebraska NNAG** - <http://www.nitc.nebraska.gov/nnag/>
 - iii. Survey - SuAnn Witt: - No activity at this time
 - iv. Collaboration with outside groups (PSC) - SuAnn Witt:
 - 1. PSC is interested in NN use
 - 2. NUSF Board met on May 8. Following the FCC Fiber Build Out workshop today in DC, I will follow-up with the NUSF Board about how it can provide funding for this effort. .
 - v. 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
 - i. Nebraska Cloud - ESUCC & NOC are developing an environment to host K12 Identity Management system, the Portal software and NDE's Data Dashboard (ADVISOR) with failover features across several data centers.
 - ii. ERate category 2 funding will improve many schools LAN and equipment infrastructure and installations will likely occur over the summer months
 - 1. Fiber build out information shared by SuAnn Witt regarding funding sharing.

6. Next Regular Meeting Date

a. Wednesday, July 15, 1-3 PM CT over video conferencing

The meeting adjourned at 2:56. Tom Peters

Meeting minutes are “crowd-sourced” by members of NNAG and reviewed by staff liaisons before posting to the <http://www.nitc.nebraska.gov/nnag/meetings/index.html> website.