

Membership Categories for Network Nebraska—Education (12/17/2009)

Current “Full Membership” comprises:

014 ESU entities (16, if including LPS and OPS)
206 K-12 public entities
001 K-12 nonpublic entity
010 Higher Ed entities
231 TOTAL ENTITIES

Growth Potential:

003 ESU entities
057 K-12 public entities
004 K-12 nonpublic entities
013 Higher Ed entities
077 TOTAL ENTITIES

Criteria for Full Membership:

- Assume the monthly Network Nebraska Participation Fee (\$192.47 for 2009-10)
- Assume the monthly Network Nebraska Interregional Transport Fee (\$34.48 for K-12 for 2009-10 & \$92.72 for Higher Ed for 2009-10)
- Compliance with NITC Technical Standards <http://nitc.nebraska.gov/standards/>, including CISSP CBK
- Purchase appropriate WAN transport to one of three Network Nebraska aggregation points (Omaha-PKI, Lincoln-Nebraska Hall, Grand Island-College Park)
- And for LB 1208 funding eligibility, K-12 public must connect with 30Mbps WAN transport or greater with fiber-based Ethernet or with fast Ethernet over copper
- And for E-rate eligibility, K-12 public/private entities must have current Letter of Agency on file with the Office of the CIO; current Technology Plan approved by the Nebraska Dept of Education; and also demonstrate CIPA compliance via Form 479

Proposed “Affiliate Membership” would comprise:

XXX Nonprofit Museums, Science Centers
XXX Public Libraries or Public Library Consortia
XXX Private Career Schools
XXX Nonprofit Associations of Education
XXX Natural Resource Districts
XXX TOTAL ENTITIES

Maximum Growth Potential:

~020 Museums, Science Centers
~010 Public Libraries and/or Consortia
~010 Private Career Schools
~010 Nonprofit Education Associations
~023 Natural Resource Districts
~073 TOTAL ENTITIES

Proposed Criteria “Option 1” for Affiliate Membership:

- Assume 1/3 of the monthly Network Nebraska Participation Fee (\$64.16 for 2009-10)
- Assume 1/3 of the monthly Network Nebraska Interregional Transport Fee (\$30.91 for 2009-10)
- Compliance with NITC Technical Standards <http://nitc.nebraska.gov/standards/>, including CISSP CBK
- Purchase appropriate WAN transport (e.g. 3Mbps-10Mbps) to one of three Network Nebraska aggregation points (Omaha-PKI, Lincoln-Nebraska Hall, Grand Island-College Park)
- [\$95.07/month OR \$1,140.84/year x # entities, up to \$83,281/year]

Proposed Criteria “Option 2” for Affiliate Membership:

- Assume 1/2 of the monthly Network Nebraska Participation Fee (\$96.24 for 2009-10)
- Assume 1/2 of the monthly Network Nebraska Interregional Transport Fee (\$46.36 for 2009-10)
- Compliance with NITC Technical Standards <http://nitc.nebraska.gov/standards/>, including CISSP security
- Purchase appropriate WAN transport (e.g. 3Mbps-10Mbps) to one of three Network Nebraska aggregation points (Omaha-PKI, Lincoln-Nebraska Hall, Grand Island-College Park)
- [\$140.60/month OR \$1,712.20/year x # entities, up to \$124,917/year]
- Use Affiliate Membership funds to rebate \$50/hour for value-added seminars and programming extended to Network Nebraska “Full Membership” entities
- Would require licensing of one or more codecs with the Renovo Event Scheduling and Clearinghouse

Related Statutes:

86-5,100 *The Chief Information Officer shall provide access to each school district, each educational service unit, each community college, each state college, and the University of Nebraska at the earliest feasible date and no later than July 1, 2012. The network shall consist of contractual arrangements with providers to meet the demand of state agencies, local governments, and educational entities as defined in section [79-1201.01](#). The Chief Information Officer shall establish a cost structure based on actual costs plus administrative expenses and shall charge participants according to such cost structure.*

79-1201.01(3) *Educational entity means a school district, a private, denominational, or parochial school, an educational service unit, a community college, a state college, the University of Nebraska, or a nonprofit private postsecondary educational institution;*

NOTE: A billed "Entity", for purposes of Network Nebraska is as defined as 79-1201.01, except when an entity has multiple offices or locations with separate circuits that are not sub-aggregated at the entity level (e.g. ESU 13, Creek Valley Public Schools). In these cases, the second or third location will be charged additional Network Nebraska fees.

CISSP CBK (Certified Information Systems Security Professional Common Body of Knowledge)-- is an independent information security certification governed by the not-for-profit International Information Systems Security Certification Consortium, commonly known as (ISC). The CISSP CBK establishes a common framework of information security terms and principles that allow information security professionals worldwide to discuss, debate and resolve matters pertaining to the information security profession with a common understanding.

Museums, Science Centers include, but are not limited to:

Ashfall Fossil Beds (Royal)
Strategic Air and Space Museum (Ashland)
Homestead National Monument (Beatrice)
Stuhr Museum of the Prairie Pioneer (Grand Island)
Scotts Bluff National Monument (Scottsbluff)
Museum of Natural History [Morrill Hall] (Lincoln)
Lincoln Children's Zoo & LPS Science Focus Program (Lincoln)
Henry Doorly Zoo (Omaha)
Joslyn Art Museum (Omaha)
Durham Museum (Omaha)
Museum of Nebraska History (Lincoln)
Museum of Nebraska Art (Kearney)
Edgerton Explor-It Center (Aurora)
Hastings Museum & Planetarium (Hastings)
Harold Warp Pioneer Village (Minden)
Bailey Railroad Yard & Museum (North Platte)
Chimney Rock National Historic Site (Bridgeport)
The Museum of the Fur Trader (Chadron)
Mari Sandoz High Plains Heritage Center (Chadron)
Fort Robinson (Crawford)

Public Library and/or Consortia include, but are not limited to:

Nebraska Library Commission
Regional Library Systems (Omaha, Lincoln, Columbus, Kearney, Hastings, Scottsbluff)
Local Libraries (Bellevue, Grand Island, Fremont, North Platte, Norfolk, Papillion, Beatrice, etc...)

Private Career Schools include, but are not limited to:

Schools of barbering/cosmetology, business, driver training, massage therapy, modeling, nursing & allied health, real estate, trades & technical, miscellaneous

Nonprofit Education Associations include, but are not limited to:

- Nebraska Association of School Boards
 - Nebraska Council of School Administrators
 - ESU Coordinating Council
 - Nebraska School Activities Association
 - Nebraska Community College Association
 - Association of Independent Colleges and Universities of Nebraska
 - Nebraska Bar Association Foundation
 - Nebraska Humanities Council
 - Nebraska Art Council
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Other statewide network fee structures....

MORENET (Missouri Research and Education Network)

- Based on student FTE as reported by the Missouri Department of Higher Education
 - 0 to 1,500 FTE: \$6,160/year
 - 1,501 to 5,000 FTE: \$8,065/year
 - 5,000+ FTE: \$11,200/year
- Plus an annual connectivity fee of \$1500/T-1, \$4800/10Mbps, \$13,200/40Mbps, \$28,000/100Mbps

Washington K-20 Network

- Annual Connectivity fee of \$2400/T-1, \$10,560/10Mbps, \$17,760/40Mbps, \$32,160/100Mbps
- Plus an Internet fee of \$12.33/Mbps/month (after E-rate discounts) or \$20.55/Mbps/month before E-rate

Kansas KAN-REN Network

- Based on network reliability and response time

Member Class:	Uptime Target:	Support Hours:	Support Depth:	Annual Fee:
Class A1:	99.99%	24/7	15min/1hr + Holidays	\$64,000
Class A2:	99.99%	24/7	15min/1hr + Holidays	\$45,000
Class B:	99.9%	24/7 (no holidays)	1hr/4hrs	\$7,500
Class C:	99.9%	7-7 M-F	1hr	\$2,500
Class D:	N/A (non-connected)	N/A	N/A	\$500

- Plus a Backbone Fee by Class A1/A2 of \$4,000/month or Class B/C of \$52.75/Mbps/month