

AGENDA
TECHNICAL PANEL
Meeting by Videoconferencing
Tuesday, June 9, 2020
9:00 a.m.

- 9:00 a.m. 1. Roll call; meeting notice; Open Meetings Act information.
2. **Approval of December 10, 2019 meeting minutes.*** (*Attachment 2*)
3. Projects; enterprise project status dashboard. Andy Weekly. (*Attachment 3*)
4. Technical standards and guidelines.
- a. **Proposal 16. Amend the accessibility policy.*** [Motion to recommend approval.] (*Attachment 4-a*)
 - b. **Proposal 17. Revise the agency information technology plan form.*** [Motion to recommend approval.] (*Attachment 4-b*)
5. Work group updates; other business.
- 10:00 a.m. 6. Adjourn.

*** Indicates an action item.**

The Technical Panel will attempt to adhere to the sequence of the published agenda, but reserves the right to adjust the order and timing of items and may elect to take action on any of the items listed.

Meeting notice was posted to the NITC website and the Nebraska Public Meeting Calendar on April 8, 2020. The agenda was posted to the NITC website on June 5, 2020. Videoconferencing pursuant to Neb. Exec. Order No. 20-24 (May 19, 2020).

[Nebraska Open Meetings Act | Technical Panel Meeting Documents](#)

[VIDEOCONFERENCING INSTRUCTIONS ON FOLLOWING PAGE.]

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You can also dial 173.243.2.68 and enter your meeting number.

Attachment 2

TECHNICAL PANEL
Varner Hall - Board Room
3835 Holdrege Street, Lincoln, Nebraska
Tuesday, December 10, 2019, 9:00 a.m.
MINUTES

MEMBERS PRESENT:

Kirk Langer, Chair, Lincoln Public Schools
Bret Blackman, University of Nebraska, ITS
Ling Ling Sun, Nebraska Educational Telecommunications
Jeremy Sydik, University of Nebraska

MEMBERS ABSENT: Ed Toner, Chief Information Officer, State of Nebraska

ROLL CALL; MEETING NOTICE; OPEN MEETINGS ACT INFORMATION

Mr. Langer called the meeting to order at 9:02 a.m. Roll call was taken. A quorum was present. The meeting notice was posted to the NITC website and the Nebraska Public Meeting Calendar on November 21, 2019. The agenda was posted to the NITC website on December 6, 2019. A copy of the Nebraska Open Meetings Act was posted on the wall of the meeting room.

PUBLIC COMMENT

There was no public comment.

APPROVAL OF OCTOBER 8, 2019 MEETING MINUTES

Mr. Blackman noted a correction: "University of Nebraska, Computing Services Network" should be "University of Nebraska, ITS."

Mr. Blackman moved to approve the meeting minutes with the correction. Roll call vote: Sydik-Yes, Langer-Yes, Blackman-Yes and Sun-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

PROJECTS

Enterprise project status dashboard. Mr. Weekly provided an update on the status of the enterprise projects.

The Department of Health and Human Services is still reviewing issues relating to the Medicaid Eligibility & Enrollment System project and asked that the panel postpone any recommendation on project closure.

Without objection, agenda items 3.b. and 3.c. were passed over.

TECHNICAL STANDARDS AND GUIDELINES

Proposal 14. Adopt a new section relating to authority and applicability.

The proposal was posted for a 30-day public comment period; no comments were received. The State Government Council recommended approval of the proposal by a vote of 17-0-0.

Mr. Blackman moved to recommend approval of Proposal 14. Roll call vote: Sun-Yes, Blackman-Yes, Langer-Yes, and Sydik-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

Proposal 15. Amend the Information Security Policy.

The proposal was posted for a 30-day public comment period; no comments were received. The State Government Council recommended approval of the proposal by a vote of 18-0-0.

Mr. Sydik moved to recommend approval of Proposal 15. Roll call vote: Blackman-Yes, Sun-Yes, Sydik-Yes, and Langer-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

ELECTION OF PANEL CHAIRPERSON FOR 2020

Ms. Sun nominated Kirk Langer to serve as Chairperson for 2020. There were no other nominations.

Roll call vote on the nomination of Kirk Langer to serve as Chairperson of the Technical Panel for 2020: Sydik-Yes, Langer-Abstained, Blackman-Yes and Sun-Yes. Results: Yes-3, No-0, Abstained-1. Motion carried.

WORK GROUP UPDATES; OTHER BUSINESS

Mr. Becker reported that the technology access clause is under review by a group led by the Commission for the Blind and Visually Impaired.

ADJOURNMENT

Ms. Sun moved to adjourn. All were in favor. Motion carried.

The meeting was adjourned at 9:24 a.m.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by Rick Becker, Office of the CIO.

Attachment 3

Projects Status Dashboard

June 2020

Enterprise Projects - Current

Agency/Entity	Project	NITC Designated
Department of Health and Human Services	New Medicaid Management Information System (MMIS)	07/08/2009
Department of Education	Nebraska State Accountability (NeSA)	07/08/2009
Nebraska Council of Regions	Nebraska Regional Interoperability Network	03/15/2010
Department of Health and Human Services	Medicaid Eligibility & Enrollment System	10/28/2014
Office of the CIO	Centrex Replacement	07/12/2018

Note: Status is self-reported by the agency

Project Storyboard: Centrex Conversion (65060012)

Project Manager	Kortus, Julie	Status Report Date	6/3/20
Project Type	Major Project	Status	Approved
Stage	Build	Progress	Started
Total Estimated Cost	\$2,800,000.00	Estimate to Complete	
Actual Cost To Date			

Project Dates		
	Start	Finish
Plan	10/10/17	11/30/20
Baseline	10/10/17	11/30/20
Days Late	0	0

Status Report Indicators		
Overall		
Schedule		
Scope		
Cost and Effort		

Project Description	Key Accomplishments
To secure the most cost efficient Hosted Voice Over Internet Protocol Telephony (VOIP) Services. This solution will replace the State’s Centrex service throughout the State of Nebraska. The purpose of the project is to provide phone service that includes the most up-to-date VOIP features and functionality as a hosted service with equipment ownership, maintenance and service remaining with the Contractor.	Ported the Environmental Trust, small offices at DHHS, Accountability and Disclosure Commission, and Economic Development.









Status Report Update	Upcoming Activities
As of 2/29/2020 we were at 28% complete. March brought many agencies to begin the transition to a remote workforce. Due to this change, the agencies developed a concern related to performing any non-essential work. We have been able to install and port at a few locations in March, April and May. We also continue to request agencies work on the template portion (the inventories) to keep moving as much as possible. As of today, we are approximately 33% complete.	Working with DHHS, Dept. of Labor, State Patrol, Historical Society, Attorney General Office, Agriculture, DMV, Dept. of Transportation and Game and Parks on their porting plans.











Current Issues					More Issues...
Issue	Priority	Status	Target Resolution	Owner	
Rates		Work in Progress	6/30/20	Kortus, Julie	

Current Risks							More Risks...
Risk	Probability	Impact	Priority	Status	Target Resolution	Owner	
Bandwidth at Sites				Work in Progress	6/30/20	Kortus, Julie	









Project Storyboard: Medicaid Eligibility & Enrollment System

Project Manager		Gartin, Dan	Status Report Date	11/6/19	Project Dates			Status Report Indicators		
Project Type			Status	Approved		Start	Finish	Overall		
Stage		Build	Progress	Started	Plan	6/1/18	4/30/22	Schedule		
Total Estimated Cost		\$81,200,000.00	Estimate to Complete	77.98%	Baseline	6/1/18	4/30/22	Scope		
Actual Cost To Date		\$63,318,485.00			Days Late	0	0	Cost and Effort		
Project Description					Key Accomplishments					
<p>The Affordable Care Act (ACA) included numerous provisions with significant information systems impacts. One of the requirements was to change how Medicaid Eligibility was determined and implement the changes effective 10/1/2014. As a result of the lack of time available to implement a long-term solution, the Department of Health and Human Services implemented a short-term solution in the current environment to meet initial due dates and requirements. This solution did not meet all Federal technical requirements for enhanced Federal funding but was approved on the assumption that a long-term solution would be procured. An RFP was developed and procurement has been completed with Wipro selected as the Systems Integrator for the IBM/Curam software.</p>					<p>Gartner completed these deliverables:</p> <p>A set of Imperatives and Drivers that established the purposes and intent for EES. An Assessment of the EES Project governance, execution and outcomes. An Alternatives Analysis of options to move forward. A recommendation on how to move forward, with a roadmap of actionable steps.</p> <p>Executive review of these outputs with DHHS, OCIO and IS&T leaders occurred in September, 2019.</p>					
Status Report Update					Upcoming Activities					
<p>In 2014, the contract for an Eligibility and Enrollment System (EES) was awarded to the SI, Wipro Inc., using the IBM Cúram software product. The EES project’s budget was approximately \$80 million leveraging enhanced FFP of 90% Federal and 10% State dollars. The SI began in the summer of 2014.</p> <p>The anticipated Return on Investment was not achieved, including:</p> <ul style="list-style-type: none">More complete and timely analyticsClient benefits, such as real time eligibility determinationsBringing MLTC into Federal compliance with updated technologies <p>Throughout the SI development efforts, concerns were raised about the quality of deliverables, significant lack documentation, slippage in schedule and major concerns of budget expended without tangible results.</p> <p>Following a review of the EES project conducted between October and December 2018, State executive leadership agreed to terminate the SI contract and seek a new partner.</p> <p>Before procuring a new partner, however, the State asked Gartner, Inc. to review the then current state of EES, conduct an alternatives analysis, and identify strategies for moving forward with the DHHS integrated eligibility initiative.</p> <p>Gartner spent four months analyzing the project, reviewing processes, governance, software, and documentation while conducting interviews with more than 100 DHHS staff and contractors, including leaders in DHHS, the OCIO and IS&T.</p> <p>Gartner's recommendation was to go to market with a new procurement for an Integrated Eligibility and Enrollment Benefits Management (IE&E BM) system built from a framework of shared components that include:</p> <p>Modern development tools and frameworks, business rules and process management systems, integration middleware, user experience/engagement and data mgmt. software.</p>					<p>The newly branded Integrated Eligibility and Enrollment / Benefits Management project (IE&E / BM) is anticipated to begin procurement in Q3 of SFY20.</p> <p>Significant investment in DHHS Enterprise Project Management Office (EPMO) processes, Architectural standards and procedures, data governance and management and Organizational Change Management processes will happen in parallel to this activity, setting foundations that will improve the potential for success in a new project.</p>					

Project Storyboard: Medicaid Management Information System Replacement Project (MMIS)

Project Manager	Gartin, Dan	Status Report Date	6/5/20	Project Dates			Status Report Indicators		
Project Type	Major Project	Status	Approved		Start	Finish	Overall		
Stage	Test	Progress	Started	Plan	7/1/14	11/16/20	Schedule		
Total Estimated Cost	\$113,600,000.00	Estimate to Complete	15.29%	Baseline	7/1/14	11/16/20	Scope		
Actual Cost To Date	\$17,363,786.07			Days Late	0	0	Cost and Effort		
Project Description				Key Accomplishments					
Medicaid and Long-Term Care (MLTC) has undertaken a strategic transformation toward a vision for a Medicaid enterprise that is fundamentally data-driven. This project supports the programmatic shift by giving the stakeholders access to claims and clinical data and appropriate analytic tools. This project of building a comprehensive data management and analytics (DMA) platform is aligned with the CMS modular approach to building system and operational capabilities. The current system consisting of legacy MMIS and Truven DW/DSS has several limitations that warrant the need to re-engineer the data management and analytical operations. The DMA system is envisioned to be the core repository for the State to address all its information and data needs.				1. Soft Launch Status: Live! In production, as planned, June 1st. Support teams are managing issues and defects, of which few have been significant. 2. T-MSIS Submissions: Concurrence granted by CMS! HIA will have its first production T-MSIS submission in July 2020 for June data. 3. Heritage Health Adult Release: Development complete, UAT testing underway and on schedule for a July 15th implementation. 4. Elective Enhancements Release: On schedule for a September 1st implementation.					
Status Report Update				Upcoming Activities					
A schedule re-baseline incorporating a June 1st soft-launch concept and a November 2nd go-live date was granted by CMS in late January and codified in an approved planning update on March 30th. The new baseline accommodates updates to software for the Heritage Health Adult (HHA) project, as well as enhancements to improve operational functionality for the Medicaid and Long-Term Care division. The soft-launch would take all code developed and tested to date (February, 2018 to April, 2020) into production, with the HHA and enhancements code to follow in July through September of 2020.				1. Monitoring and stabilization period for post soft-launch support. 2. HHA Enhancements release implementation 07/15/20. 3. Enhancements release implementation 09/01/20. 4. Parallel processing June 1, 2020 to October 30, 2020. 5. Go-live on November 2, 2020 6. Certification in June, 2021.					
Issues by Priority		Risks by Priority		Current Issues					
				No matching records were found					

Project Storyboard: Nebraska Regional Interoperability Network (NRIN)

Project Manager	Krogman, Sue	Status Report Date	6/5/20	Project Dates			Status Report Indicators		
Project Type	Major Project	Status	Approved		Start	Finish	Overall		
Stage	Build	Progress	Started	Plan	10/1/10	8/31/21	Schedule		
Total Estimated Cost	\$12,500,000.00	Estimate to Complete	83.24%	Baseline	10/1/10	8/31/21	Scope		
Actual Cost To Date	\$10,405,204.00			Days Late	0	0	Cost and Effort		
Project Description				Key Accomplishments					
The Nebraska Regional Interoperability Network (NRIN) is a project that will connect a majority of the Public Safety Access Points (PSAP) across the State by means of a point to point microwave system. The network will be a true, secure means of transferring data, video and voice. Speed and stability are major expectations; therefore there is a required redundant technology base of no less than 100 mbps with 99.999% availability for each site. It is hoped that the network will be used as the main transfer mechanism for currently in-place items, thus imposing a cost-saving to local government. All equipment purchased for this project is compatible with the networking equipment of the OCIO.				Three more active rings were added in the last 4 months – 2 in the Southwest Region, 1 in the North Central Region and 1 in the South Central Region.					
Status Report Update				Upcoming Activities					
Work is being done is the South Central Region – the border corridor, the NorthEast Region – path from Norfolk to O’Neill and Norfolk to South Sioux City, and the North Central Region – path from Broken Bow to O’Neill. Three more active rings were added in the last 4 months – 2 in the Southwest Region, 1 in the North Central Region and 1 in the South Central Region.				South Central Region – the border corridor, the NorthEast Region – path from Norfolk to O’Neill and Norfolk to South Sioux City, and the North Central Region – path from Broken Bow to O’Neill.					
Issues by Priority		Risks by Priority		Current Issues					
				No matching records were found					

Project Storyboard: Nebraska State Accountability (NeSA- Reading, Math, Science and Writing)

<div>Project Manager<div>Heneger, Jeremy</div></div>		<div>Status Report Date<div>6/11/19</div></div>		<div>Project Dates</div>			<div>Status Report Indicators</div>		
<div>Project Type</div>		<div>Status<div>Approved</div></div>		<div><div>Start</div><div>Finish</div></div>			<div>Overall<div><div></div><div></div></div></div>		
<div>Stage<div>Launch</div></div>		<div>Progress<div>Completed</div></div>		<div>Plan<div>7/1/17</div><div>11/30/18</div></div>			<div>Schedule<div><div></div><div></div></div></div>		
<div>Total Estimated Cost<div>\$9,781,606.00</div></div>		<div>Estimate to Complete<div>100.00%</div></div>		<div>Baseline<div>7/1/17</div><div>11/30/18</div></div>			<div>Scope<div><div></div><div></div></div></div>		
<div>Actual Cost To Date<div>\$9,781,606.00</div></div>				<div>Days Late<div>0</div><div>0</div></div>			<div>Cost and Effort<div><div></div><div></div></div></div>		
<div>Project Description</div>				<div>Key Accomplishments</div>					
<div>Legislative Bill 1157 passed by the 2008 Nebraska Legislature required a single statewide assessment of the Nebraska academic content standards for reading, mathematics, science, and writing in Nebraska's K-12 public schools. The new assessment system was named Nebraska State Accountability (NeSA), with NeSA-R for reading assessments, NeSA-M for mathematics, NeSA-S for science, and NeSA-W for writing. The assessments in reading and mathematics were administered in grades 3-8 and 11; science was administered in grades 5, 8, and 11; and writing was administered in grades 4, 8, and 11.</div>									
<div>Status Report Update</div>				<div>Upcoming Activities</div>					
<div>Recommend for closure</div>									
<div>Issues by Priority</div>		<div>Risks by Priority</div>		<div>Current Issues</div>					
				<div>No matching records were found</div>					

Attachment 4-a

State of Nebraska
Nebraska Information Technology Commission
Technical Standards and Guidelines

Proposal 16

A PROPOSAL relating to the accessibility policy; to amend section 2-101; and to repeal the original section.

Section 1. Section 2-101 is amended to read:

2-101. Accessibility policy.

(1) Purpose. This policy contains scoping and technical requirements for information and communication technology ("ICT") to ensure accessibility and usability by individuals with disabilities.

(2) Definitions. For the purpose of this section, terms defined in referenced documents and not defined in section 1-101 will have the meaning as defined in the referenced documents.

(3) Standards. ICT that is procured, developed, maintained, or used by state agencies shall conform to the following standards: Revised 508 Standards, 36 C.F.R. § 1194 (2018), <https://www.govinfo.gov/content/pkg/CFR-2018-title36-vol3/xml/CFR-2018-title36-vol3-part1194.xml>.

For the State of Nebraska, the Revised 508 Standards referenced in this subsection are revised as follows:

(a) In E103.4, replace the definition of "Existing ICT" with the following: "*Existing ICT*. ICT that has been procured, maintained or used on or before November 14, 2020.";

(b) In E202.2, replace the existing language with the following: "*Legacy ICT*. Any component or portion of existing ICT that complies with an earlier standard adopted by the commission, and

1 that has not been altered on or after November 14, 2020, shall not be required to be modified to
2 conform to the Revised 508 Standards.”;

3 (c) In E202.3, replace the existing language with the following: “*Public Safety Systems*. The
4 Revised 508 Standards do not apply to any ICT operated by state agencies as part of a public
5 safety system.”;

6 (d) In E202.4, replace the existing language with the following: “*State Contracts*. ICT
7 acquired by a contractor incidental to a contract shall not be required to conform to the Revised
8 508 Standards.”; ~~and~~

9 (e) In E203.1, replace the existing language with the following: “*General*. Agencies shall
10 ensure that all functionality of ICT is accessible to and usable by individuals with disabilities,
11 either directly or by supporting the use of assistive technology, and shall comply with E203. In
12 providing access to all functionality of ICT, agencies shall ensure the following: A. That state
13 employees with disabilities have access to and use of information and data that is comparable
14 to the access and use by state employees who are not individuals with disabilities; and B. That
15 members of the public with disabilities who are seeking information or data from a state agency
16 have access to and use of information and data that is comparable to that provided to members
17 of the public who are not individuals with disabilities.”;

18 (f) In Appendix C to Part 1194, delete section 702.10.1 in its entirety;

19 (g) Delete all instances of the parenthetical clause “(incorporated by reference, see
20 702.10.1)”; and

21 ~~(e)(h)~~ Replace all instances of “WCAG 2.0” with “WCAG 2.1 (Web Content Accessibility
22 Guidelines 2.1, W3C World Wide Web Consortium, Recommendation 05 June 2018,
23 <https://www.w3.org/TR/2018/REC-WCAG21-20180605/>).

24 ~~(4) Guidelines. In addition to the web content requirements contained in the referenced~~
25 ~~standards in subsection (3), the commission recommends compliance with the following~~

1 ~~guidelines: Web Content Accessibility Guidelines 2.1, W3C World Wide Web Consortium~~
2 ~~Recommendation 05 June 2018 [<https://www.w3.org/TR/2018/REC-WCAG21-20180605/>].~~

3 Sec. 2. Original section 2-101 is repealed.

4 Sec. 3. This proposal takes effect when approved by the commission.

Attachment 4-b

**State of Nebraska
Nebraska Information Technology Commission
Technical Standards and Guidelines**

Proposal 17

A PROPOSAL to revise the agency information technology plan form.

Section 1. The form referenced in section 1-201 is revised as follows:

Nebraska Information Technology Commission
and the
Office of the Chief Information Officer

Agency Information Technology Plan

Due: September 15, ~~2018~~2020

Notes about this form:

1. **REQUIREMENT.** "On or before September 15 of each even-numbered year, all state agencies, boards, and commissions shall report to the Chief Information Officer, in a format determined by the commission, an information technology plan that includes an accounting of all technology assets, including planned acquisitions and upgrades." (NEB. REV. STAT. § 86-524.01). This document is the approved format for information technology plans. This form should be treated as if it is a public record. Do not include information that would compromise information technology security.
2. **DEADLINE.** The information technology plan is due on September 15, ~~2018~~2020.
3. **SUBMITTING THE FORM.** The form must be submitted online at <https://cioapps.nebraska.gov/ITPlan>.
4. **QUESTIONS.** Contact the OCIO Service Desk at (402) 471-4636.

1. Current Assets

1.1 Hardware

Complete the following table. For "current" devices, enter the total number of each item currently owned/leased by the agency. For "planned" devices, enter an estimated number of each item at the end of the biennium on June 30, 2024-2023.

	Current	Planned
Desktops		
- Apple		
- Microsoft Windows		
- Linux/Unix		
Laptops		
- Apple		
- Microsoft Windows		
- Google Chrome		
Thin Clients		
Virtual Desktop Infrastructure		
Tablets		
- Apple		
- Microsoft Windows		
- Android		
Smart Phones		
- Apple		
- Android		
Physical Servers		
- Microsoft		
- Linux/Unix		
- Other		
Virtual Servers		
- VMware		
- Hyper-V		
- Other		

What is your agency's current hardware refresh plan?

Narrative:

1.2 Software

1.2.1 Commercial Off-the-Shelf Software

Provide an estimated number of users/licenses for each of the following:

	Estimated Number of Users/Licenses	Version(s) (Optional)
Productivity Suite		
Microsoft Office		
WordPerfect Office		

<u>OpenOffice/StarOffice</u>		
Other (Specify)		
Endpoint Protection		
Microsoft System Center Endpoint Protection		
<u>FireEye</u>		
Sophos		
Symantec/ Norton		
<u>Norton</u>		
McAfee		
<u>Malware-Bites/Malwarebytes</u>		
Other (Specify)		
Instant Messaging		
<u>OCIO-Lync</u> /Skype for Business		
<u>Microsoft Teams</u>		
<u>Cisco WebEx Teams</u>		
Other (Specify)		
Web Conferencing		
<u>OCIO-Cisco WebEx</u> / <u>SparkMeeting</u>		
<u>OCIO-Lync</u> /Skype for Business		
Adobe Connect		
<u>Microsoft Teams</u>		
<u>Zoom</u>		
Other (Specify)		
Database Management (DBMS)		
IBM		
Oracle		
Microsoft SQL		
AS/400		
Other (Specify)		
Applications Development Tools		
Microsoft Visual Studio		
IBM Rational Application Developer		
<u>Lotus Notes</u>		
Micro Focus COBOL		
Other (Specify)		
Business Analytics		
OBIEE		
SAP Crystal Reports		
Cognos		
Other (Specify)		
IT Service Management Suite		
Microsoft Service Manager		
Remedy		
iSupport		
Track-It		
ServiceNow		
Other (Specify)		

1.2.2 Other Commercial Off-the-Shelf Software

List other significant commercial off-the-shelf software used by the agency:

Software Title	<u>Vendor</u>	Estimated Number of Users/Licenses	Version(s) (Optional)

1.2.3 Software as a Service (SaaS)

List software that is licensed on a subscription basis by the agency that is delivered over the Internet (sometimes called web-based software; on-demand software; or, hosted software):

Software Title	Vendor	<u>Estimated Number of Users/Licenses</u>	<u>Short Description</u>

1.2.4 Custom Applications (Code agencies do NOT need to complete this section. This information was provided by code agencies to the OCIO as part of the Application Portfolio Management project.)

List custom applications used by the agency, including (a) the general purpose of the application; (b) the platform on which it is running; (c) application development tools used; and (d) how the application is supported.

Application:
Platform:
Development Tools:
How Supported:
Internet Accessible: Y/N

1.3 Data

1.3.1 Databases

List the significant databases maintained by the agency.

Database:
Brief Description:
Types of Data (PII, HIPAA, PCI, FTI, CJIS, SSA, None of the above):
Data Classification (RESTRICTED; CONFIDENTIAL; MANAGED ACCESS PUBLIC; PUBLIC):

1.3.2 Data Exchange

List the significant electronic data exchanges your agency has with other entities.

Title/Description:
Other Entity:
Purpose:
Is this exchange encrypted?:

1.4 Network Environment

1.4.1 General Description

Provide a general description of the agency's network environment. You may optionally include any related diagrams, etc. Also, describe any desktop management and/or LAN monitoring tools used by the agency.

Description:

1.4.2 Network Devices

Complete the following table. For "current" devices, enter the total number of each item currently owned/leased by the agency. For "planned" devices, enter an estimated number of each item at the end of the biennium on June 30, ~~2024~~2023.

	Current	Planned
Firewalls (Hardware)		
Load Balancers (Hardware)		
Wireless Access Points		
Video Cameras		
IP Phones		
IPS/IDS Appliances		
Non-OCIO provided Switches		
Application Delivery/Gateway (e.g. Citrix, Terminal Services appliances) (Specify)		

Provide a brief narrative describing the reason/rationale for any significant change in the number of planned devices as compared to the number of current devices.

Narrative:

1.4.3 Other Devices that Require Network Access

List any other devices used by the agency that require network access (examples: test equipment, lab equipment, HVAC, etc.).

Narrative:

1.4.4 Cloud Services

Cloud services used by the agency.

	Y/N
AWS	
Azure	
Google	
Oracle	
Other (Specify)	

Provide a brief description of the agency's use of cloud services.

Narrative:

1.4.5 Public Internet Access

Does the agency provide internet access to the public? If yes, provide a brief description of the access provided.

Narrative:

1.5 Server Rooms

1.5.1 Server Rooms

Many agencies have invested in dedicated space for housing servers and network equipment. This dedicated space provided close proximity of the equipment to an agency's offices and support staff. During the early years of client/server technology, close proximity offered many advantages and was even essential in some situations. Changes in technology and higher network speeds have eroded the advantages of close proximity to the extent that separate server rooms often represent a duplication of costs and an impediment to good security, reliability, disaster recovery, and efficient operations. The trend in all large organizations is consolidation of servers and data centers.

The purpose of this section is to document the number and size of server rooms and encourage planning for use of shared services that would eliminate the need for most server rooms.

Please complete the following information:

1. Does your agency have servers in the OCIO data center (yes / no):
2. Does your agency have a server room (yes / no) [If no, proceed to Section 2.]:
3. Where is the server room located (city, building, floor):
4. What is the size of the server room (square footage):
5. Does the room have special electrical power feeds (yes/no):
6. Does the room have special cooling capacity (yes/no):
7. Does the room have uninterruptible power supply (yes/no):
8. Does the room have backup power, such as a generator (yes/no):
9. Does the room have a separate fire suppression system (yes/no):
10. What equipment is located in the server room (number of servers, racks, network devices, etc.)?
11. What security is available for the server room?

Provide a brief narrative describing your agency's plans to reduce or eliminate the server room or explain why it is still needed.

2. Staff and Training

2.1 Staff and Related Support Personnel

Identify staffing necessary to maintain your current IT environment, including contractor and OCIO staff supporting your agency specific environment.

	Approximate FTE
Agency IT Staff	
Contractors	
OCIO Staff	

2.2 IT Related Training

Summarize the agency's efforts to address training needs relating to information technology, including training for IT staff and users.

Description:

3. Survey

	Yes	No	In Progress	Not Applicable
3.1 Security Please answer the following questions regarding your agency's efforts to maintain a secure information technology environment. [Information Security Policy available at https://nits.ne.gov/standards/] [If questions, contact the State Information Security Officer at siso@nebraska.gov .]				
Has your agency implemented the NITC's Information Security Policy?				
Has your agency implemented other security policies?				
Has your agency designated a Security Officer?				
Has your agency performed an audit of all data under your control?				
Has your agency classified all data under your control?				
Does your agency schedule vulnerability scans of servers containing sensitive information?				
Does your agency have regularly scheduled penetration tests?				
Has your agency performed a penetration test in the last year?				
Does your agency have a security awareness program in place?				
Does your agency allow the use of removable media such as flash drives, external hard drives, etc.?				
3.2 Disaster Recovery and Business Continuity For purposes of this document, the term "Disaster Recovery Plan" refers to preparations for restoring information technology systems following a major disruption.				
Does your agency have a disaster recovery plan?				
If your answer to the previous question is YES, have you tested your disaster recovery plan?				
Does your agency perform regular back-ups of important agency data?				
If your answer to the previous questions is YES, does your agency maintain off-site storage of back-up data?				
3.3 Accessibility / Assistive Technology				
Does your agency include the Nebraska Technology Access Clause in contracts for information technology purchases? (See Neb. Rev. Stat. § 73-205. The Technology Access Clause is posted at http://nits.ne.gov/standards/)				
Does your agency have procedures in place to identify the information technology related requirements of users with disabilities?				
Does your agency provide training opportunities for management, procurement, and technical personnel on how to meet the accessibility needs of users with disabilities?				
Has your agency evaluated its website(s) to ensure accessibility to all persons with disabilities? If yes, what tools were used to evaluate accessibility:				
3.4 Geographic Information System (GIS) / Geospatial Data				
Does your agency have plans, over the next biennium, for the development and/or acquisition of GIS/geospatial data (eg.				

	Yes	No	In Progress	Not Applicable
Mapping, imagery, LiDAR, GPS collected data, geodatabase development, metadata, geocoding, demographic and address data, etc.) or geospatial data applications or web services? If your answer is YES, please provide a brief description and/or reference where that description is provided in Section 4 below:				
For data that is created or updated, will it follow appropriate NITC standards: NITC 3-201 Geospatial Metadata NITC 3-202 Land Records Information and Mapping NITC 3-203 LiDAR Elevation Acquisition Using LiDAR NITC 3-204 Imagery NITC 3-205 Street Centerline NITC 3-206 Address				
Will your agency provide the geospatial data created or updated through the project electronically with other government agencies in the State that may have a need for such data? Please provide a brief description with your proposed plan in Section 4.				
If geospatial data and web mapping services are created or updated and is needed by other state agencies or for public consumption, will you register the metadata with NebraskaMAP.gov?				
If your project incorporates web mapping services, are you willing to make use of current state resources by linking your project to web and data services that are maintained through other online state agency repositories? This would be for data not created by your project but is needed for your project to be effective (ie, base maps such as aerial imagery, street centerlines, and other authoritative base map data provided as a service through NebraskaMAP.gov).				
3.5 Mobile Apps				
Does your agency use mobile apps to provide services through mobile devices?				

43. Projects and Future Plans

4.13.1 Projects Currently Active

List current IT projects, including a description of the project, the current project status, projected completion date and costs.

Project Title:
 Brief Description:
 Describe project alignment with agency goals:
 Current Status:
 Projected Completion Date:
 Total Project Cost:

4.23.2 Projects Planned to be Started in ~~FY2019~~FY2021

List IT projects that are planned to start before the end of the current fiscal year which were not listed in the previous section.

Project Title:
Brief Description:
Describe project alignment with agency goals:
Projected Start Date:
Projected Completion Date:
Total Project Cost:

4.33.3 Projects Planned for the ~~2019-2024~~2021-2023 Biennium

List IT project planned for the next biennium. (Note: If funding for a project has been requested and an IT Project Proposal entered in the Nebraska Budget Request and Reporting System, you only need to list the project title and note that it is included in the agency budget request.)

Project Title:
Brief Description:
Describe project alignment with agency goals:
Projected Start Date:
Projected Completion Date:
Total Project Cost:

4.43.4 Long-Term Plans (Beyond the ~~2019-2024~~2021-2023 Biennium)

Describe any long-term plans for projects to be started after the ~~2019-2024~~2021-2023 Biennium.

Agency Narrative:

4.53.5 Other Issues

This is a general comment section where the agency can identify issues not captured in another section of the plan. This provides an opportunity to address issues which may, or may not, impact an agency IT budget; such things as known risks, trends, or issues for which there is not currently enough information to be included in the other sections. This section can also be used to summarize the agency's strategies and future direction for the use of information technology within the agency.

Agency Narrative:

Sec.2. This proposal takes effect when approved by the commission.