



STATE OF NEW YORK

IT Transformation

Request For Information (RFI)

Enterprise Identity and Access

Management

Consolidated Questions and

Responses

June 8, 2012

Appendix B – Consolidated Vendor Questions with NYS Answers

1.	Appendix A, Section 1-2	2	This question is blank. Please clarify.	Question 1.2 has been fixed in Appendix A online.
2.	Current Environment 2.2	6	Based on the level of trust used by DTF is there an interest to raise that trust level utilizing an online method.	Yes.
3.	Current Environment 2.2	7	Can you define how Oracle IDM is currently being used within NYS's environment and provide the number of agencies that currently utilize this product as well?	This information is not available at this time.
4.	Current Environment 2.2	7	Should the proposed solution provide a governance model for both Internal and External user base?	Yes.
5.	Current Environment 2.3	8	Are there currently any fees assessed to users' registering credentials for services provided by NYS.	No.
6.	Current Environment 2.3	9	Does automation currently exist at any level for the provisioning and de-provisioning of internal & external user identities from NYS managed systems?	Yes.
7.	Future Environment 2.3	9	Number 9 of the key imperatives mentions "Physical Access Credentials" is that a reference to badges, smart cards, or other devices used to validate a user to access a secure space?	Yes.
8.	Future Environment 2.3	9	Will alerting & reporting events be necessary for external user credentials?	NYS is utilizing this RFI to formulate a position on this issue and to be informed of best practices within the industry for this strategy.
9.	RFI Response 2.5	11	Will NYS accept components from a provider that address certain requirements of the RFI but don't speak to a holistic solution?	Yes.
10.	N/A (General Question)	N/A	What is NYS's current position on a solution hosted in the cloud and managed externally?	NYS is utilizing this RFI to formulate a position on this issue.

11.	2.1 EIAM Overview	3 of 13	How far into the future does NYS expect the agencies already using IAM processes and tools to continue before they are to transition to the EIAM?	This information is not available at this time.
12.	2.1 EIAM Overview	3 of 13	What are the communication, AuthN and AuthR protocols currently in use by NYS Agencies? Will they need to continue to be made available? If so, for how long?	NYS currently utilizes SiteMinder proprietary protocols and SAML 2.0. These protocols will need to continue in the near term. NYS is utilizing this RFI to formulate a future position on this issue.
13.	2.1 EIAM Overview	3 of 13	The State mentions the need in the future to converge logical and physical access. Are Physical Access Control systems (PACS) currently in place? If so, how do employees or individuals gain entrance to the facility, via the PACS currently (e.g., flash badge, proximity card, smart card, etc...)?	Proximity cards are primarily used for NYS employees and contractors.
14.	2.2 Current Environment	5 of 13	What data needs to be transitioned from legacy systems to the service solution?	This information is not available at this time.
15.	2.2 Current Environment	5 of 13	Currently, are employees and other individuals wishing to receive access to EIAM In-Person Proofed, or remotely proofed via the EIAM webpage?	NYS employees and contractors are in-person identity proofed. External individuals are both in-person and remotely identity proofed.
16.	2.2 Current Environment	5 of 13	What types of Identification are currently required to acquire identity credentials in order to access EIAM?	NYS follows the guidelines as specified in NIST 800-63.
17.	2.2 Current Environment, Table 3	7 of 13	Table 3 lists a mixture of Oracle products, Ping, and CA products. Is it the State's intention to standardize IAM services based upon a single vendor's product suite?	NYS is utilizing this RFI to formulate a position on this issue.
18.	2.2 Current Environment, Table 3	7 of 13	As the State currently uses CA eDirectory and CA Identity Manager for the DMV, yet advocates Oracle products in Table 3, can the State provide usage information, such as the number of licenses purchased by the State, to inform product selection recommendations	This information is currently not available,

			based on current investment?	
19.	2.2 Current Environment, Table 3	7 of 13	Given that the State uses PingFederate, does the State currently use or plan to use cloud services?	Yes.
20.	2.3 Future Environment	8 of 13	In regard to business objective 10, what is the timeframe for retiring legacy IAM solutions where effort is duplicated with shared service solution?	This information is currently not available.
21.	2.3 Future Environment	9 of 13	What are the projected numbers of applications that will need to be federated into EIAM?	This information is currently not available.
22.	2.2 Current Environment, and 2.4.1 Functional and Technical Scope	10 of 13	Based on NIST SP 800-63-1 and OMB M-04-04, which Levels of Assurance (LOA) 1-4 are currently being utilized and what LOA are planned for future users?	Assurance Levels 1 and 2 are currently being utilized. Assurance levels 3 and 4 are planned for the future.
23.	RFI Section 2.2 – Current Environment	Page 5	The RFI states that there are currently over 20 user provisioning tools in use within 14 different NYS agencies Please identify the 20 provisioning tools.	These are Oracle, Novell, CA, Open Source, Microsoft and 11 homegrown user provisioning tools implemented.
24.	RFI Section 2.2 – Current Environment	Page 5	The RFI states that there are currently at least 7 separate user authentication repositories in use within 14 different NYS agencies. Please identify the 7 types of repositories (i.e. - LDAP, AD, and Relational Databases).	NYS SDS LDAP, eDirectory, Oracle 10g, Active Directory, RSA Database, Oracle Directory Server Enterprise Edition 6.3 NY SDS, Authentix proprietary Database
25.	RFI Section 2.2 – Current Environment	Page 6 & Page 7	Is the State open to leveraging existing investments in technologies other than those noted in Table 3? For example, CA Identity Manager is mentioned as being in use for myDMV; however, it is not listed in Table 3.	Yes.
26.	RFI	Page 8	The State of NY lists a requirement of	Through this RFI NYS is looking for best

	Section 2.3 – Future Environment		<p>enabling real-time alerting and reporting of identity and access related security events via a Security Information and Event Management (SIEM) solution.</p> <p>Does the state already have a SIEM solution today that EIAM will be integrated with or is the State looking for the selection and implementation of a SIEM solution as part of the overall EIAM effort?</p>	practices on handling SIEM events within the EIAM solution.
27.	RFI Section 2.3 – Future Environment	Page 8	<p>Does the State anticipate keeping the following data separate for registration, authentication and access:</p> <p>Internal (employees/contractors) External (citizens/businesses) data</p>	NYS is utilizing this RFI to formulate a position on this issue and to be informed of best practices within the industry for this strategy.
28.	Appendix A Section 4 – Credential Management	Page 4	Please provide a definition for de-credentialing.	The word de-credentialing means de-provisioning.
29.	Appendix A and Paragraph 2.6.2	11	Must the vendor use Appendix A “as-is” to input their responses or can the vendor use its own template but answer all of the questions in Appendix A in the exact order that they appear, as required by paragraph 2.6.2?	Yes.
30.	Appendix A, Question 1-2 (pdf version)	2	<p>The pdf version of Appendix A had a blank for Question 1-2. When we received the MS Word version, we realized the question was there but in white text.</p> <p>Describe how your solution might interface with existing NYS IAM systems, such as the systems described in section 2.2 of the RFI and which specific FICAM standards and protocols could be used.</p> <p>Can the State please confirm that this question is accurate and correct?</p>	Question 1.2 has been fixed in Appendix A online.
31.	Appendix A, Question 2-7	2	Can you please clarify what the new forms of identity verification and assertions are?	NYS desires the EIAM solution to be extensible and flexible for the future.

32.	Sec 2.3 Question #9	Page #8	Would the State be interested in information regarding IT security and privacy technical controls to manage and enforce how this sensitive information is transmitted, stored and used in accordance with published mandates?	Yes. NYS is interested in receiving all information that is responsive to this RFI.
33.	Sec 2.3 Question #5	Page #8	Would the State be interested in information on solutions that provide automated real-time, on-demand reports to show compliance to the State's policies and mandates?	Yes. NYS is interested in receiving all information that is responsive to this RFI.
34.	Sec 2.3 Question #10	Page #8	Would the State be open to information regarding increasing efficiency by moving these processes to a cloud based solution or are these solutions to managed/monitored internally?	Yes. NYS is interested in receiving all information that is responsive to this RFI.
35.	Sec 2.3 Question #3	Page #8	Would the State be interested in information on lowering help desk and human resource costs by leveraging managed or monitored services?	Yes. NYS is interested in receiving all information that is responsive to this RFI.
36.	Sec 2.8 Question #8	Page #8	Would the State be interested in information about leveraging solutions to ensure credit card and PII isn't disclosed to unauthorized individuals. Controls such as encryption, multi-authentication and data loss prevention?	Yes. NYS is interested in receiving all information that is responsive to this RFI.
37.	2.2 Current Environment	4-7 of 13	The RFI states that some NY State agencies are using Oracle Identity Manager. Does this mean they are using the Oracle-developed Identity Manager tool, or are they using the Sun-developed Identity Manager? Could you please identify which agencies are using which versions of the Identity Manager?	The Sun developed Identity manager is the most prevalent COTS tool in use. The identities of the agencies using this Identity Manager are not available at this time.
38.	2.3 Future Environment	8 of 13	Item 5 of the RFI business drivers describes a business objective of "Reduced risk by enabling real-time alerting	NYS is looking for best practices on handling SIEM events with the EIAM solution.

			<p>and reporting of identity and access related security events via a Security Information and Event Management (SIEM) solution."</p> <p>Can you name the systems you would like an SIEM tool to collect events from, in addition to your IAM tools?</p>	
39.	2.2 Current Environment	4-7 of 13	<p>The RFI states that NY State agencies are using CA Siteminder for web access management. Can you identify the agencies using CA Siteminder and can you provide an estimate of how many Siteminder web server agents (plugins) are deployed across these agencies?</p>	This information is currently not available.
40.	2.4.1 Functional & Technical Scope (Users)	10	<p>User self-services such as forgotten user ID and password, self-registration, identity vetting etc.</p> <p>1. Please identify the following by user type (internal NYS vs. External - other NYS agency? Federal Agency? Business partners? Vendors?) where the desired self service functionality stated above is desired?</p> <p>A. Internal Users - (NYS Employees etc?)</p> <ul style="list-style-type: none"> • Target systems / applications/ resources • What is the current user Identity repository of each? • Authorization source of each? • Approximate number of these users today? -Anticipated number of these users 3 years from now/growth rate? -5 years - number/ growth rate? <p>B. External Users - (Citizens? other agencies - NYS and or Federal, other state, vendors, business partners)</p> <ul style="list-style-type: none"> • Target systems / applications/ resources 	Please reference page 9 of the RFI describing our macro user populations. Additional breakdowns are not available at this time.

			<ul style="list-style-type: none"> • What is the current user Identity repository of each? • Authorization source of each? • Approximate number of these users today? -Anticipated number of these users 3 years from now/growth rate?- 5 years - number/ growth rate 	
41.	2.4.1 Functional & Technical Scope (Identity Management)	10	<p>Identity Provisioning, Workflow, Identity Proofing Services, Account Management, Delegated Administration, Self-registration, Registration Authority Services</p> <p>o Please identify the following by user type (internal NYS vs. External - other NYS agency? Federal Agency? Business partners? Vendors?) where the desired functionality stated above is desired?</p> <p>A. Internal Users - (NYS Employees etc?)</p> <ul style="list-style-type: none"> • Target systems / applications/ resources • What is the current user Identity repository of each? • Authorization source of each? • Approximate number of these users today? -Anticipated number of these users 3 years from now/growth rate?- 5 years - number/ growth rate? <p>B. External Users - (Citizens? other agencies - NYS and or Federal, other state, vendors, business partners)</p> <ul style="list-style-type: none"> • Target systems / applications/ resources • What is the current user Identity repository of each? • Authorization source of each? • Approximate number of these users today? - Anticipated number of these users 3 years from now/growth rate? 	Please reference page 9 of the RFI describing our macro user populations. Additional breakdowns are not available at this time.

			- 5 years - number/ growth rate	
42.	2.4.1 Functional & Technical Scope (Identity Management)	10	What are the desired workflow characteristics for Identity Management?	NYS is utilizing this RFI to be informed of best practices within the industry for this area.
43.	2.4.1 Functional & Technical Scope (Identity Management)	10	Please list existing workflow solutions today for Identity Management.	This information is not available at this time.
44.	2.4.1 Functional & Technical Scope (Identity Management)	10	Which if any IAM workflow or other workflow solution utilized by the state is desired to be utilized as part of the EIAM strategy/solution going forward for Identity Management?	This information is not available at this time.
45.	2.4.1 Functional & Technical Scope (Identity Management)	10	What are the requirements for the IAM workflow or other workflow solution utilized by the state is desired to be utilized as part of the EIAM strategy/solution going forward for Identity Management?	NYS is utilizing this RFI to be informed of best practices within the industry for this area
46.	2.4.1 Functional & Technical Scope (Credential Management)	10	Single-factor authentication and multi-factor authentication controls, NIST 800-63-1 and FIPS 201 support, account self-services. o Please list any unique credential management preferences/requirements desired by NYS EIAM?	NYS is utilizing this RFI to be informed of best practices within the industry for this area.
47.	2.4.1 Functional & Technical Scope (Access Management)	10	Authentication Services, Authorization Services, Provisioning Policy, Administration, Web Access Management Solution, Risk Based Authentication controls, Audit Services, Reporting -Please provide a detailed listing of the NYS EIAM environment regarding - Server/workstation - OS to be supported by the authentication services? -Windows? Unix? Linux? Mac? AS400, MF? Etc. -Authorization policy stores utilized today within NYSDS as well as planned within NYS-EIAM?	This information is not available at this time.

			- Are you planning to have one portal for internal (employees) and external users (customers) or two separate ones? If two, which one should be implemented first?	
48.	2.4.1 Functional & Technical Scope (Federation)	10	Identity Mapping, Authorization, Audit, Provisioning -Please list any preferred and/or required standards? - Please list current federation partners/target systems/applications as well as future desired federation partners/target systems/applications?	This information is not available at this time.
49.	2.4.1 Functional & Technical Scope (Auditing & Reporting)	10	Security Incident and Event Monitoring (all EIAM solution components) - Do you have a list of required reports?	NYS is utilizing this RFI to be informed of best practices within the industry for this area.
50.	2.4.1 Functional & Technical Scope (IAM Governance)	10	Regulation compliance, policies and procedures, Trust agreements, - Should compliance checks be steps of access request approvals, reports and/or triggers for actions? - Please provide additional detail as to NYS-EIAM vision and expectation, requirements regarding "Regulation compliance"?	NYS is utilizing this RFI to be informed of best practices within the industry for this area This information is not available at this time.
51.	2.4.1 Functional & Technical Scope (Agency Resources)	10	Integrated NYS HR System, Agency Applications, User Directories - Please advise of the current Integrated NYS HR System? - SAP? PeopleSoft? In - House developed? Other? - Please provide listing of the Agency Applications referred to above? -Which applications? -What is the user repositories/identity store of each?- Authorization policy utilized? - available and exposed API?	This information is not available at this time.
52.	2.4 RFI Scope Statement	9	How will the program be prioritized/staged from a solution deployment perspective?	NYS is utilizing this RFI to be informed of best practices within the industry for this area

53.	2.4 RFI Scope Statement	9	How many data centers will the solution be deployed to?	This information is currently not available.
54.	2.4 RFI Scope Statement	9	What staff will customer allocate to the IdM project?	This information is not available at this time.
55.	2.4 RFI Scope Statement	9	Are there any restrictions on vendors using Global Resources and/or Non-U.S. Citizens for implementation services?	NYS expects that there could or will be restrictions on non-US based resources, however, is utilizing this RFI to finalize a position on this issue.
56.	2.4 RFI Scope Statement	9	Will customer provide formal use cases or will the vendor be required to document for the project?	This information is not available at this time.
57.	2.4 RFI Scope Statement	9	How many non-Production environments to install?	This information is not available at this time.
58.	2.4 RFI Scope Statement	9	Will vendors have root or administrator access to the identity management servers in the non-production and production environments for base installation and configuration? If not, are you able to provide dedicated full-time administrators to assist with installation and configuration tasks?	This information is not available at this time.
59.	2.4 RFI Scope Statement	9	Can the installation of the base middleware products (e.g. Application Server, DB Server, Directory Server) be performed using the standard installation configurations or are there customer configurations that must be followed (e.g. databases must be installed by the customer database teams using customer database installation conventions)?	This information is not available at this time.
60.	2.4 RFI Scope Statement	9	What operating and database systems are required?	This information is not available at this time.
61.	2.4 RFI Scope Statement	9	What is the estimated timeframe for customer to procure, install, and configure the necessary hardware for each operating environment of the IdM solution?	This information is not available at this time.
62.	2.4 RFI Scope Statement	9	Please provide information on planned phased releases, e.g. business criticality,	This information is not available at this time.

			applications, and timelines.	
63.	2.4 RFI Scope Statement	9	Is Reverse Password Synchronization with Active Directory desired? If so, how many Active Directory domain controllers are there?	NYS is interested in receiving information about this functionality. The number of domain controllers is currently not available.
64.	2.4 RFI Scope Statement	9	Following initial go live, do you require a formal managed service for on-going application support?	NYS is interested in receiving information about this service. It is not required, but may we would like information on the options available.
65.	2.4 RFI Scope Statement	9	Please describe your current environments for development, testing and UAT a. Internal b. External	This information is not available at this time.
66.	2.4 RFI Scope Statement	9	What IT and SW/development related methodologies does customer follow? (ITIL, SDLC, Agile, MOF, etc.)	NYS's main methodologies have been SDLC and Agile.
67.	2.4 RFI Scope Statement	9	Please describe your current Active Directory environment. a. How many forest, domains, users, groups etc.	This information is not available at this time.
68.	2.4 RFI Scope Statement	9	Can customer please list all critical applications, their versions, and the supported API's (other than LDAP or AD) for provisioning/de-provisioning, and data synchronization?	This information is not available at this time.
69.	2.4 RFI Scope Statement	9	Can you please provide a complete list of all applications, platforms and versions which will leverage the virtual directory service?	This information is not available at this time.
70.	2.4 RFI Scope Statement	9	How many privileged users do you estimate?	This information is not available at this time.
71.	2.2 Current Environment	5	Which agencies are using the Software Packages listed on Table 2?	This information is not available at this time.
72.	2.2 Current Environment	5	Please describe the deployment of the Software Packages. (Are these fully deployed, in process, current state of deployment)	For the purposes of this RFI, please reference the table on page 5. These are fully deployed.
73.	2.2 Current Environment	5	Are there any modules of the Software	This information is not available at this time.

			Packages that have been purchased but not yet deployed? If so, what is the plan for deploying these modules?	
74.	2.2 Current Environment	5	Does the State have any existing license agreements with Oracle, Sun, or Computer Associates (CA) for Access Governance or Virtual Directory Services?	No.
75.	2.2 Current Environment	4 and 5	Has NYS performed in full inventory of current COTS & homegrown products in use for the requested IAM functions, and if so can it be provided?	NYS has a partial inventory of current COTS and homegrown IAM products. This information is not available at this time.
76.	2.2 Current Environment	6 and 7	RFI states that the NYSDMV and NYSDTF have a more mature implementation of IAM functionality. Can you provide a list of all vendors, specifically System Integrator, vendors that helped with this effort?	This information is not available at this time.
77.	2.4.1 Functional & Technical Scope	9 and 10	What are New York State's expectations on how they would like to see their IAM system deployed? I.e. in terms of duration, target start / end dates, and covering which set of agency stakeholders in what order?	NYS is utilizing this RFI to be informed of best practices within the industry for this area.
78.	2.4.1 Functional & Technical Scope	9 and 10	Is it New York State's intent to have a vendor document each agencies goals and requirements for implementing the IAM system into their environment?	NYS does not intend to have a vendor document each agency's goals and requirements for implementing the IAM system into their environment, however, NYS is utilizing this RFI to finalize a position on this issue.
79.	2.4.1 Functional & Technical Scope	9 and 10	In what ways would you want the vendor to assist with managing the application modification needs for the different State Agencies?	This information is not available at this time.
80.	2.4.1 Functional & Technical Scope	9 and 10	Does New York State intend to consolidate existing user data into one clean database? Is this a conversion function you want your vendor to estimate and perform?	NYS is utilizing this RFI to be informed of best practices within the industry for this area.
81.	2.5 RFI Response	10	In the RFI Response, NYS is requesting information on how current business	This information is currently not available. NYS is utilizing this RFI to be informed of best practices

			operations will be maintained during transition. In order to generate a more specific and NYS-centric response to this requirement, will any specific information on current business operations for a representative agency be supplied?	within the industry for this area.
82.	1.2 IT Transformation Program	2	Is State of NY looking for a vendor who can provide all the requirements stated in the RFI? Or are they open to a multi-vendor solution?	As is stated in the RFI, NYS is seeking information on approaches and architectures for the implementation of an Enterprise IAM (EIAM) solution that meets the needs of the State but also leverages IAM investments already made by the State, as well as the mature and robust solutions present at the agency level.
83.	2.4.1 Functional & Technical Scope	10	What are the main federation use cases?	NYS is utilizing this RFI to be informed of best practices within the industry for this area
84.	2.4.1 Functional & Technical Scope	10	Is State of NY looking to implement federated access to SaaS applications? If so, what are the main SaaS applications?	NYS has implemented federated access to SaaS applications. The application list is unavailable at this time.
85.	2.4.1 Functional & Technical Scope	10	In the federation use cases, is State of NY going to be the identity provider?	Yes.
86.	2.4.1 Functional & Technical Scope	10	Is there a federation use case where State of NY will be the relying party for users authenticated by other identity providers?	Yes.
87.	2.2 Current Environment	4	What are the gaps in the current federation solution being used by State of NY?	This information is not available at this time.
88.	2.2 Current Environment	7	In Table 3 – Is State of NY only looking for solutions to fill the green boxes? Are they open to replacing existing solutions in the Blue boxes?	NYS is utilizing this RFI to be informed of best practices within the industry for this area.
89.	2.2 – Current Environment	7	In table 3 you list strong and risk-based products/solutions that NYS currently owns but may require additional licenses but in table 2 there is no strong authentication or risk-based authentication products mentioned? Could you please provide information on what is currently being used	You will need to use the information provided in the tables, in the context in which they are provided to formulate your response. Further information is not available at this time.

			today?	
90.	Appendix A – Authentication (3)	3	Question 3-1: Please list the products/ solutions being used today for authentication?	For the purposes of this RFI, please reference the table on page 5.
91.	General	N/A	Will the State be requesting demonstrations or holding follow up meetings with vendors submitting responses to this RFI?	As is stated in the RFI, at its own discretion, ITS and DOB reserve the right to request additional oral or written information from some or all respondents about the information provided in their responses to this RFI.
92.	General	N/A	Will those vendors who worked on the New York State IT Strategy Project (awarded in the Summer of 2010) as well as any vendors currently working on IT Transformation projects, be precluded from competing on an eventual RFP for EIAM?	Vendors who worked on the New York State IT Strategy Project (awarded in the Summer of 2010) and vendors currently working on IT Transformation projects would not be precluded from competing on an eventual RFP for EIAM if one is issued.
93.	Appendix A; 15-6	Page 8 of Appendix A	Is the state interested in vendor suggestions around developing the business case for EIAM?	No.
94.	Submission Guidelines; 2.6.2	12	What are the requirements regarding RFI submission? Will electronic submission be acceptable?	Please make sure you review the entire RFI, in particular, Sections 2.5, 2.6 and Appendix A for the requirements regarding RFI submission. Electronic submission of RFI responses to ITTransformation.eiamservices@cio.ny.gov is acceptable and preferred.
95.	General	N/A	What technologies and processes does NYS use today in support of their certification/attestation and governance needs?	This information is not available at this time.
96.	Appendix A 2-7	Page 2 of Appendix A	Please clarify this question	NYS desires the EIAM solution to be extensible and flexible for the future.
97.	Appendix A; Section 4	4 of	Can NYS outline around their top G2C, G2B	This information is not available at this time.

		Appendix A	and G2G use cases?	
98.	General	N/A	NYS has requested information around licensing models; is pricing to be provided as part of the submission for the RFI response?	No licensing or pricing information should be submitted with the RFI response.
99.	Current Environment 2.2	5	Has NYS determined which of the 130 applications are being targeted for which phase of migration?	This information is not available at this time.
100.	General		For each of the different constituents: Employees, Business Users, and Citizens; does the same person exist in multiple directories (or identity stores)? If so, how do you identify that it is the same person across different systems.	NYS is utilizing this RFI to be informed of best practices within the industry for this area.
101.	General		Is the goal to eliminate existing business process and centralize administration or ID's or does the State of New York want to allow existing processes to remain and supplement with a layer that will leverage what exists today?	NYS is utilizing this RFI to be informed of best practices within the industry for this area.
102.	General		Has the State of New York already gone through a process to determine which sources are authoritative for identities and attributes or will this be part of the project?	This process would be part of the overall EIAM project referenced in the RFI.
103.	General		Does the State of New York want to create a new directory infrastructure to support this initiative or leverage the existing agency's directory infrastructure?	As is stated in the RFI, NYS is seeking information from vendors on approaches and architectures for the implementation of an Enterprise IAM (EIAM) solution that meets the needs of the State but also leverages IAM investments already made by the State, as well as the mature and robust solutions present at the

				agency level.
104.	General		Are there applications, like SharePoint, that need to access multiple Active Directory forests? Is trust enabled across these forests?	This information is not available at this time.
105.	Section 2.2 Current Environment	5	There is a mention of separate user authentication repositories and provisioning tools that different agencies are using. If there is one, what is the current integration mechanism for these with the repository that the state is maintaining?	This information is not available at this time.
106.	Section 2.2 Current Environment	5	While there are many agencies which are leveraging NYSDS, It is mentioned that some of the agencies have their own mature IAM solutions. Is there an adoption plan that is being considered where the agencies will migrate to the solution from the state?	No.
107.	Section 2.2 Current Environment	5	Was there an evaluation performed on the IAM solutions being used by the agencies to explore the potential use of the same for the state's requirements. If yes, can some documentation around the same be shared?	This information is not available at this time.
108.	Section 2.2 Current Environment	5	Is NYSDS providing data loads into agency repositories for user identity data and related attributes? If yes, what is the mechanism?	This information is not available at this time.
109.	Section 2.2 Current Environment	5	Is our understanding accurate that the state is currently using NIST guidelines for authentication requirements? Are there plans for adopting any such guidelines other than those laid out in FICAM?	NYS is using NIST and FICAM as a guideline. NYS implements their own Trust Model (http://www.cio.ny.gov/policy/NYS-P10-006.pdf) and this is based on NIST and other federal guidelines. For the EIAM initiative NYS may modify the Trust Model, and leverage other guidelines as needed to balance security and usability of the final solution. NYS strives to follow NIST and FICAM very closely however.
110.	Section 2.2 Current	5	What are the attributes that are currently	This information is not available at this time.

	Environment		being stored as part of user data?	
111.	Section 2.2 Current Environment	5	Is there data standardization and cleansing mechanism in place for identity data in NYSDS?	NYS is utilizing this RFI to be informed of best practices within the industry for this area.
112.	Section 2.2 Current Environment	4	NYSDS is currently supporting more than 3 million users and over 130 applications. Does the state anticipate new systems or access logins to grow significantly over the next 2 years?	Yes.
113.	General		What does the State anticipate as key stakeholders in the EIAM decision making and project governance process? Can the state provide a list of state agencies participating in the EIAM transformation?	Information about the key stakeholders in the EIAM decision making and project governance process is not available at this time. EIAM transformation would impact most NYS Executive agencies.
114.	General		What interface architecture does the state desire to access the shared IAM environment with existing systems? Is there a preferred architecture standard?	This information is not available at this time. NYS is utilizing this RFI to be informed of best practices within the industry for this area.
115.	General		Will the targeted EIAM products need to take into consideration special privacy or data protection regulations (e.g. HIPPA)?	Yes, any EIAM products would need to take into consideration special privacy or data protection regulations such as HIPPA.
116.	General		Does the state currently have procedures to regularly review records of information system activity, such as audit logs, access reports, and security incident tracking reports?	Yes.
117.	General		Does the state currently have standard procedures to determine that the access of a workforce member to electronic protected information is appropriate? Are these standards shared across the targeted system environments?	This information is not available at this time.
118.	RFI 2.2 Current Environment	4	The document specifies the Application Usage. Please provide data on concurrent Usage of the Applications	This information is not available at this time.
119.	RFI 2.2 Current Environment	5	Can all the existing Agency Applications	Yes.

			implement Single Sign On? If no? Please mention the constraints	
120.	RFI 2.4.1 Functional & Technical Scope	10	What types of Events needs to be captured and level of reports is required	NYS is utilizing this RFI to be informed of best practices within the industry for this area.
121.	RFI 2.1 EIAM Overview	3	We understand there are different types of Users .How is the User Management handled in the current system	NYS utilizes a variety of homegrown and COTS tools for User Management.
122.	RFI 2.4.1 Functional & Technical Scope	10	What type of data needs to be exchanged between NYS and Agency Application	This information is not available at this time.
123.	RFI 2.4.1 Functional & Technical Scope	10	What is the scope of User Directories? Do you require Search functionality to be implemented	Through this RFI, NYS is seeking information about search functionality across the NYS Enterprise.
124.	RFI 2.4.1 Functional & Technical Scope	10	In Access Management, one desired service is Reporting. What type of Reporting is required?	NYS is utilizing this RFI to be informed of best practices within the industry for this area.
125.	General		Please mention any Performance issues in the current system?	This information is not available at this time.
126.	General		Do all the users land in a common page to consume the data?	No.
127.	General		Do you require the existing data to be migrated? If yes what level of Data migration would be required? What is the volume of data, which needs to be migrated?	This information is not available at this time.
128.	General		In the Current system is Disaster Recovery in Place? If yes, what is the architecture of DR?	This information is not available at this time.