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Senior Agency Official for Privacy
Federal Information Security
Modernization Act of 2014
Reporting Metrics
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FY 2022 SAOP FISMA Metrics

OMB collects the annual Senior Agency Official for Privacy (SAOP) FISMA Metrics pursuant to the authority in the Federal Information Security Modernization Act of 2014,¹ the Privacy Act of 1974,² the Paperwork Reduction Act of 1995,³ the E-Government Act of 2002,⁴ Executive Order 13719,⁵ OMB Circular A-130,⁶ OMB Circular A-108,⁷ and other laws, regulations, and policies. Each year, OMB issues guidance instructing each SAOP to review the administration of the agency's privacy program and report compliance data to OMB.

1. General Privacy Program Requirements

- 1a. Has the head of the agency designated a Senior Agency Official for Privacy (SAOP), as required by Executive Order 13719 and OMB guidance?⁸
- 1b. Has the agency reported the name, title, and contact information of the current SAOP to OMB on the MAX website of the Federal Privacy Council?⁹ (Indicate "N/A" if the agency has not designated an SAOP.)
- 1c. Does the SAOP have the necessary position, expertise, and authority to serve in the role of SAOP?¹⁰ (Select all that apply or indicate "N/A" if the agency has not designated an SAOP.)
 - ┆ Position
 - ┆ Expertise
 - ┆ Authority
- 1d. Does the SAOP have the necessary role and responsibilities within the agency for each of the following?¹¹ (Select all that apply or indicate "N/A" if the agency has not designated an SAOP.)
 - ┆ Policy making
 - ┆ Compliance
 - ┆ Risk management activities
- 1e. Has the agency developed and maintained a privacy program plan?¹²
- 1f. Does the agency's privacy program plan include a description of each of the following? (Select all that apply or indicate "N/A" if the agency has not developed and maintained a privacy program plan.)
 - ┆ Structure of the privacy program
 - ┆ Resources dedicated to the privacy program
 - ┆ Role of the SAOP and other privacy officials and staff
 - ┆ Strategic goals and objectives of the privacy program
 - ┆ Program management and common controls in place or planned for meeting applicable privacy requirements and managing privacy risks

2. Information Systems

- 2a. Does the agency maintain an inventory of the agency's information systems that create, collect, use, process, store, maintain, disseminate, disclose, or dispose of personally identifiable information (PII)?¹³

- 2b. Number of information systems¹⁴ reported in response to question 1.1 of the FY 2022 Chief Information Officer FISMA Metrics that are used to create, collect, use, process, store, maintain, disseminate, disclose, or dispose of PII.¹⁵
- 2c. Number of information systems reported in question 2b that the agency authorized or reauthorized to operate during the reporting period.¹⁶
- 2d. Number of information systems reported in question 2c where the SAOP reviewed and approved the categorization of the information system in accordance with OMB guidance, as well as NIST FIPS Publication 199 and NIST Special Publication 800-60.¹⁷
- 2e. Number of information systems reported in question 2c where the SAOP reviewed and approved a system privacy plan for the information system prior to the information system's authorization or reauthorization.¹⁸
- 2f. Number of information systems reported in question 2c where the SAOP conducted and documented the results of privacy control assessments to verify the continued effectiveness of all privacy controls selected and implemented for the information system prior to the information system's authorization or reauthorization.¹⁹
- 2g. Number of information systems reported in question 2c where the SAOP reviewed the information system's authorization package to ensure compliance with applicable privacy requirements and manage privacy risks, prior to the authorizing official making a risk determination and acceptance decision.²⁰

3. Information Technology Systems and Privacy Impact Assessments

- 3a. Does the agency maintain an inventory of the agency's information technology²¹ (IT) systems that create, collect, use, process, store, maintain, disseminate, disclose, or dispose of PII?
- 3b. Number of IT systems maintained, operated, or used by the agency (or by another entity on behalf of the agency) during the reporting period for which the agency is required to conduct a privacy impact assessment (PIA) under the E-Government Act of 2002.
- 3c. Number of IT systems reported in question 3b that are covered by an up-to-date PIA.²²

- 3d. Does the agency have a written policy for PIAs that includes each of the following? (Select all that apply or indicate “N/A” if the agency does not have a written policy for PIAs.)
- ┆ A requirement for PIAs to be conducted and approved prior to the development, procurement, or use of an IT system that requires a PIA²³
 - ┆ A requirement that system owners, privacy officials, and IT experts participate in conducting PIAs²⁴
 - ┆ A requirement for PIAs to be updated whenever a change to an IT system, a change in agency practices, or another factor, alters the privacy risks associated with the use of a particular IT system²⁵
- 3e. Does the agency have a process or procedure for each of the following? (Select all that apply. If the agency does not have such a process or procedure, leave it blank.)
- ┆ Assessing the quality and thoroughness of each PIA
 - ┆ Performing reviews to ensure that appropriate standards for PIAs are maintained²⁶
 - ┆ Monitoring the agency’s IT systems and practices to determine when and how PIAs should be updated²⁷
 - ┆ Ensuring that PIAs are updated whenever a change to an IT system, a change in agency practices, or another factor, alters the privacy risks²⁸

4. Systems of Records

- 4a. Number of Privacy Act systems of records²⁹ maintained by the agency during the reporting period (including those operated by a service provider or a contractor on behalf of the agency).
- 4b. Number of Privacy Act systems of records reported in question 4a for which an up-to-date system of records notice (SORN) has been published in the *Federal Register*.³⁰
- 4c. Does the agency have a process for determining whether a new or revised SORN is required when the agency collects or maintains information about individuals?³¹
- 4d. Does the agency have a process for each of the following? (Select all that apply. If the agency does not have such a process, leave it blank.)
- ┆ Ensuring that information collections include a Privacy Act Statement, if required³²
 - ┆ Receiving, processing, and responding to individuals’ requests for access to and amendment of records in a system of records³³
- 4e. Has the agency selected, implemented, assessed, and monitored privacy controls for information systems that contain information maintained in a system of records in order to ensure the following? (Select all that apply or indicate “N/A” if the agency does not maintain any Privacy Act systems of records.)
- ┆ Systems of records include only information about an individual that is relevant and necessary to accomplish a purpose required by statute or executive order³⁴
 - ┆ SORNs remain accurate, up-to-date, and appropriately scoped
 - ┆ SORNs are published in the *Federal Register*
 - ┆ SORNs include the information, and are drafted in the format, required by OMB Circular A-108

- ┆ Significant changes to SORNs have been reported to OMB and Congress³⁵
- ┆ Routine uses remain appropriate and the recipient's use of the records continues to be compatible with the purpose for which the information was collected³⁶
- ┆ Each exemption claimed for a system of records pursuant to 5 U.S.C. § 552a(j) and (k) remains appropriate and necessary³⁷
- ┆ The language of each contract that involves the creation, collection, use, processing, storage, maintenance, dissemination, disclosure, or disposal of information that identifies and is about individuals, is sufficient and the applicable requirements in the Privacy Act and OMB policies are enforceable on the contractor and its employees³⁸
- ┆ The agency's training practices are sufficient to allow agency personnel to understand the requirements of the Privacy Act, OMB guidance, the agency's implementing regulations and policies, and any job-specific requirements³⁹

5. Considerations for Managing PII

- 5a. To what extent does the agency ensure that PII created, collected, used, processed, stored, maintained, disseminated, disclosed, or disposed of is accurate, relevant, timely, and complete?⁴⁰ (Select one of the following.)
- ┆ Processes do not exist
 - ┆ Processes exist; however, they are not fully documented and/or do not cover all relevant aspects
 - ┆ Processes are fully documented and implemented and cover all relevant aspects
 - ┆ Processes are fully documented and implemented and cover all relevant aspects, and reviews are regularly conducted to assess the effectiveness of the processes and to ensure that documented policies remain current
- 5b. To what extent does the agency limit the creation, collection, use, processing, storage, maintenance, dissemination, and disclosure of PII to that which is legally authorized, relevant, and reasonably deemed necessary for the proper performance of agency functions?⁴¹ (Select one of the following.)
- ┆ Processes do not exist
 - ┆ Processes exist; however, they are not fully documented and/or do not cover all relevant aspects
 - ┆ Processes are fully documented and implemented and cover all relevant aspects
 - ┆ Processes are fully documented and implemented and cover all relevant aspects, and reviews are regularly conducted to assess the effectiveness of the processes and to ensure that documented policies remain current

6. Social Security Numbers

- 6a. Does the agency have an inventory of the agency's collection and use of Social Security numbers (SSNs)?⁴² (Indicate "N/A" if the agency does not collect, maintain, or use SSNs.)

- 6b. Does the agency maintain the inventory of SSNs as part of the agency’s inventory of information systems referred to in question 2a? (Indicate “N/A” if the agency does not collect, maintain, or use SSNs; does not have an inventory of its collection, maintenance and use of SSNs; or does not maintain an inventory of information systems.)
- 6c. Has the agency developed and implemented a written policy to help ensure that any new collection or use of SSNs is necessary?
- 6d. Does the written policy referred to in question 6c provide specific criteria to use when determining whether the collection or use of SSNs is necessary? (Indicate “N/A” if the agency does not have a written policy.)
- 6e. Does the written policy referred to in question 6c establish a process to ensure that any collection or use of SSNs determined to be necessary remains necessary over time? (Indicate “N/A” if the agency does not have a written policy.)
- 6f. Has the agency taken steps during the reporting period to eliminate the unnecessary collection, maintenance, and use of SSNs?⁴³ (Indicate “N/A” if the agency has already eliminated all unnecessary collection, maintenance, and use of SSNs by the agency.)

7. Digital Services

- 7a. Does the agency maintain an inventory of the following? (Select all that apply or indicate “N/A” if the agency does not maintain an inventory of any digital services.)
 - The agency’s public websites
 - The agency’s public applications (*e.g.*, mobile applications, web applications)
 - The agency’s public social media accounts
 - Other public-facing digital services used by the agency
- 7b. In accordance with the E-Government Act of 2002 and OMB guidance,⁴⁴ does the agency maintain and post privacy policies on the following? (Select all that apply or indicate “N/A” if the agency does not maintain any of the following.)
 - The agency’s public websites
 - The agency’s public applications (*e.g.*, mobile applications, web applications)
 - The agency’s public social media pages and profiles
 - Other public-facing digital services used by the agency
- 7c. Does the agency have a process to regularly review and update the privacy policies for each of the following? (Select all that apply or indicate “N/A” if the agency does not maintain any of the following.)
 - The agency’s public websites
 - The agency’s public applications (*e.g.*, mobile applications, web applications)
 - Other public-facing digital services used by the agency
- 7d. Has the agency developed and implemented a written policy for the agency’s use of social media? (Indicate “N/A” if the agency does not use social media.)

- 7e. During the reporting period, did the agency use web management and customization technologies on any website or mobile application?⁴⁵
- 7f. During the reporting period, did the agency review the use of web management and customization technologies to ensure compliance with all laws, regulations, and OMB guidance?⁴⁶ (Indicate “N/A” if the agency does not use web management and customization technologies on any website or mobile applications.)

8. Budget and Acquisition

- 8a. Does the agency identify and plan for the resources needed to implement the agency’s privacy program?⁴⁷
- 8b. Does the agency have a policy that includes explicit criteria for analyzing privacy risks when considering IT investments?⁴⁸
- 8c. During the reporting period, did the agency review IT capital investment plans and budgetary requests to ensure that privacy requirements (and associated privacy controls), as well as any associated costs, were explicitly identified and included, with respect to any IT resources that will be used to create, collect, use, process, store, maintain, disseminate, disclose, or dispose of PII?⁴⁹
- 8d. To what extent does the agency plan and budget to upgrade, replace, or retire any information systems that maintain PII for which protections commensurate with risk cannot be effectively implemented?⁵⁰ (Select one of the following.)
- Processes do not exist
 - Processes exist; however, they are not fully documented and/or do not cover all relevant aspects
 - Processes are fully documented and implemented and cover all relevant aspects
 - Processes are fully documented and implemented and cover all relevant aspects, and reviews are regularly conducted to assess the effectiveness of the processes and to ensure that documented policies remain current
- 8e. Does the agency ensure that, in a timely manner, the SAOP is made aware when information systems and components that create, collect, use, process, store, maintain, disseminate, disclose, or dispose of PII cannot be appropriately protected or secured?⁵¹
- 8f. Number of information systems and components used during the reporting period to create, collect, use, process, store, maintain, disseminate, disclose, or dispose of PII that were reported to the SAOP because they cannot be appropriately protected or secured. (Indicate “N/A” if the SAOP is not made aware when information systems and components that create, collect, use, process, store, maintain, disseminate, disclose, or dispose of PII cannot be appropriately protected or secured.)

9. Contractors and Third Parties

- 9a. To what extent does the agency ensure that terms and conditions in contracts and other agreements involving the creation, collection, use, processing, storage, maintenance, dissemination, disclosure, and disposal of Federal information incorporate privacy requirements and are sufficient to enable agencies to meet Federal and agency-specific requirements pertaining to the protection of Federal information?⁵² (Select one of the following.)
- Processes do not exist
 - Processes exist; however, they are not fully documented and/or do not cover all relevant aspects
 - Processes are fully documented and implemented and cover all relevant aspects
 - Processes are fully documented and implemented and cover all relevant aspects, and reviews are regularly conducted to assess the effectiveness of the processes and to ensure that documented policies remain current
- 9b. To what extent does the agency, consistent with the agency's authority, ensure that the requirements of the Privacy Act apply to a Privacy Act system of records when a contractor operates the system of records on behalf of the agency to accomplish an agency function?⁵³ (Select one of the following.)
- Processes do not exist
 - Processes exist; however, they are not fully documented and/or do not cover all relevant aspects
 - Processes are fully documented and implemented and cover all relevant aspects
 - Processes are fully documented and implemented and cover all relevant aspects, and reviews are regularly conducted to assess the effectiveness of the processes and to ensure that documented policies remain current
- 9c. To what extent does the agency ensure appropriate vetting and access control processes for contractors and others with access to information systems containing Federal information?⁵⁴ (Select one of the following.)
- Processes do not exist
 - Processes exist; however, they are not fully documented and/or do not cover all relevant aspects
 - Processes are fully documented and implemented and cover all relevant aspects
 - Processes are fully documented and implemented and cover all relevant aspects, and reviews are regularly conducted to assess the effectiveness of the processes and to ensure that documented policies remain current
- 9d. Does the agency maintain a mandatory agency-wide privacy awareness and training program for all contractors?⁵⁵
- 9e. Has the agency established rules of behavior, including consequences for violating rules of behavior, for contractors that have access to Federal information or information systems, including those that create, collect, use, process, store, maintain, disseminate, disclose, or dispose of PII?⁵⁶

- 9f. Does the agency ensure that contractors have read and agreed to abide by the rules of behavior for the Federal information and information systems for which they require access prior to being granted access?⁵⁷ (Indicate “N/A” if the agency does not have established rules of behavior as described in 9e.)

10. Privacy Workforce Management

- 10a. Does the agency ensure that the agency’s privacy workforce has the appropriate knowledge and skill?⁵⁸
- 10b. Has the agency assessed its hiring, training, and professional development needs with respect to privacy during the reporting period?⁵⁹
- 10c. Has the agency developed a workforce planning process to ensure that it accounts for privacy workforce needs?⁶⁰
- 10d. Has the agency developed a set of competency requirements for privacy staff, including program managers and privacy leadership positions?⁶¹

11. Training and Accountability

- 11a. Does the agency provide foundational privacy training to its Federal employees (including managers and senior executives)?⁶²
- 11b. What percentage of the agency’s Federal employees (including managers and senior executives) received foundational privacy training during the reporting period?⁶³ (Indicate “N/A” if the agency does not provide foundational privacy training.)
- 11c. Does the agency provide role-based privacy training to its Federal employees with assigned privacy roles and responsibilities, including managers, before authorizing their access to Federal information or information systems?⁶⁴
- 11d. What percentage of the agency’s Federal employees with assigned privacy roles received role-based training before being authorized to access Federal information or information systems? (Indicate “N/A” if the agency does not provide role-based privacy training.)
- 11e. Has the agency ensured that measures are in place to test the knowledge level of information system users in conjunction with privacy training?⁶⁵

- 11f. To what extent does the agency ensure that all personnel are held accountable for complying with agency-wide privacy requirements and policies?⁶⁶ (Select one of the following.)
- Processes do not exist
 - Processes exist; however, they are not fully documented and/or do not cover all relevant aspects
 - Processes are fully documented and implemented and cover all relevant aspects
 - Processes are fully documented and implemented and cover all relevant aspects, and reviews are regularly conducted to assess the effectiveness of the processes and to ensure that documented policies remain current
- 11g. Has the agency established rules of behavior, including consequences for violating rules of behavior, for Federal employees that have access to Federal information or information systems, including those that create, collect, use, process, store, maintain, disseminate, disclose, or dispose of PII?⁶⁷
- 11h. Does the agency ensure that Federal employees have read and agreed to abide by the rules of behavior for the Federal information and information systems for which they require access prior to being granted access?⁶⁸ (Indicate “N/A” if the agency does not have established rules of behavior as described in 11g.)

12. Incident Response

- 12a. Does the agency have a breach response plan⁶⁹ that includes the agency’s policies and procedures for each of the following? (Select all that apply or “N/A” if the agency does not have a breach response plan.)
- Reporting a breach
 - Investigating a breach
 - Managing a breach
- 12b. Did the SAOP review the agency’s breach response plan during the reporting period to ensure that the plan is current, accurate, and reflects any changes in law, guidance, standards, agency policy, procedures, staffing, and/or technology?⁷⁰ (Indicate “N/A” if the agency does not have a breach response plan.)
- 12c. Does the agency have a breach response team composed of agency officials designated by the head of the agency that can be convened to lead the agency’s response to a breach?⁷¹
- 12d. Did all members of the agency’s breach response team participate in at least one tabletop exercise during the reporting period?⁷² (Indicate “N/A” if the agency does not have a breach response team as described in 12c.)
- 12e. How many breaches, as OMB Memorandum M-17-12 defines the term “breach,” were reported within the agency during the reporting period?⁷³
- 12f. How many breaches, as OMB Memorandum M-17-12 defines the term “breach,” did the agency report to the DHS Cybersecurity and Infrastructure Security Agency (CISA) during the reporting period?⁷⁴

- 12g. How many breaches, as OMB Memorandum M-17-12 defines the term “breach,” did the agency report to Congress as major incidents (as defined in Fiscal Year 2021-2022 Guidance on Federal Security and Privacy Management Requirements) during the reporting period?⁷⁵
- 12h. What is the total number of individuals potentially affected by the breaches reported in question 12g?⁷⁶ (Indicate “N/A” if the agency did not report a breach to Congress as a major incident, as defined in Fiscal Year 2021-2022 Guidance on Federal Security and Privacy Management Requirements, during the reporting period.)

13. Risk Management Framework

- 13a. Has the agency implemented a risk management framework to guide and inform each of the following?⁷⁷ (Select all that apply or indicate “N/A” if the agency has not implemented a risk management framework.)
- Categorization of Federal information and information systems that process PII
 - Selection, implementation, and assessment of privacy controls
 - Authorization of information systems and common controls
 - Continuous monitoring of information systems that process PII
- 13b. Has the agency designated which privacy controls will be treated as program management, common, information system-specific, and hybrid privacy controls?⁷⁸
- 13c. Has the agency developed and maintained a written privacy continuous monitoring strategy?⁷⁹
- 13d. Has the agency established and maintained an agency-wide privacy continuous monitoring program?⁸⁰

14. Privacy Program Website

- 14a. Does the agency have a Privacy Program Page located at (or redirected from) [www.\[agency\].gov/privacy](http://www.[agency].gov/privacy)?⁸¹
- 14b. Does the agency’s Privacy Program Page include a list and provide links to complete, up-to-date versions of all agency SORNs?⁸² (Indicate “N/A” if the agency does not maintain any Privacy Act systems of records.)
- 14c. Does the agency’s Privacy Program Page include a list and provide links to all PIAs?⁸³ (Indicate “N/A” if the agency does not maintain, operate, or use any IT systems that require a PIA.)
- 14d. Does the agency’s Privacy Program Page include a list and provide links to up-to-date matching notices and agreements for all active matching programs in which the agency participates?⁸⁴ (Indicate “N/A” if the agency does not participate in any matching programs.)
- 14e. Does the agency’s Privacy Program Page include citations and provide links to the final rules published in the *Federal Register* that promulgate each Privacy Act exemption claimed for their systems of records?⁸⁵ (Indicate “N/A” if the agency has not claimed any Privacy Act exemptions for their systems of records.)

- 14f. Does the agency’s Privacy Program Page include a list and provide links to all Privacy Act implementation rules promulgated pursuant to 5 U.S.C. § 552a(f)?⁸⁶ (Indicate “N/A” if the agency does not maintain any Privacy Act systems of records.)
- 14g. Does the agency’s Privacy Program Page include a list and provide links to all publicly available agency policies on privacy, including any directives, instructions, handbooks, manuals, or other guidance?⁸⁷ (Indicate “N/A” if the agency does not have any publicly available agency policies on privacy.)
- 14h. Does the agency’s Privacy Program Page include a list and provide links to all publicly available agency reports on privacy?⁸⁸ (Indicate “N/A” if the agency does not have any publicly available agency reports on privacy.)
- 14i. Does the agency’s Privacy Program Page include instructions in clear and plain language for individuals who wish to request access to or amendment of their records pursuant to 5 U.S.C. § 552a(d)?⁸⁹ (Indicate “N/A” if the agency does not maintain any Privacy Act systems of records.)
- 14j. Does the agency’s Privacy Program Page include appropriate agency contact information for individuals who wish to submit a privacy-related question or complaint?⁹⁰
- 14k. Does the agency’s Privacy Program Page identify the agency’s SAOP and include appropriate contact information for the SAOP’s office?⁹¹ (Indicate “N/A” if the agency has not designated an SAOP.)

¹ 44 U.S.C. Chapter 35.

² 5 U.S.C. § 552a.

³ 44 U.S.C. Chapter 35 et seq.

⁴ 44 U.S.C. § 3501 note.

⁵ Exec. Order No. 13719, Establishment of the Federal Privacy Council, 81 Fed. Reg. 7685 (Feb. 12, 2016).

⁶ OMB Circular A-130, Managing Information as a Strategic Resource (July 28, 2016).

⁷ OMB Circular A-108, Federal Agency Responsibilities for Review, Reporting, and Publication under the Privacy Act (Dec. 2016).

⁸ See Exec. Order No. 13719, Establishment of the Federal Privacy Council, 81 Fed. Reg. 7685 (Feb. 12, 2016); *see also* OMB Memorandum M-16-24, Role and Designation of Senior Agency Officials for Privacy (Sept. 15, 2016).

⁹ *See id.*

¹⁰ The role and requirements for the SAOP are described in OMB guidance. *See* OMB Memorandum M-16-24, Role and Designation of Senior Agency Officials for Privacy (Sept. 15, 2016).

¹¹ *See id.*

¹² Agencies are required to develop and maintain a privacy program plan that provides an overview of the agency’s privacy program, including a description of the structure of the privacy program, the resources dedicated to the privacy program, the role of the SAOP and other privacy officials and staff, the strategic goals and objectives of the privacy program, the program management controls and common controls in place or planned for meeting applicable privacy requirements and managing privacy risks, and any other information determined necessary by the agency’s privacy program. *See* OMB Circular A-130, Managing Information as a Strategic Resource, Appendix I § 4(c)(2), 4(e)(1) (July 28, 2016).

¹³ *See* OMB Circular A-130, Managing Information as a Strategic Resource, § 5(a)(1)(a)(ii), 5(f)(1)(e) (July 28, 2016).

¹⁴ The term “information system” means a discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information. *See* 44 U.S.C. § 3502(8). The term “information resources” means information and related resources, such as personnel, equipment, funds, and information technology.

See 44 U.S.C. § 3502(6). The term “Federal information system” means an information system used or operated by an agency or by a contractor of an agency or by another organization on behalf of an agency. See OMB Circular A-130, Managing Information as a Strategic Resource, § 10(a)(23) (July 28, 2016).

¹⁵ The term “personally identifiable information” means information that can be used to distinguish or trace an individual’s identity, either alone or when combined with other information that is linked or linkable to a specific individual. See OMB Circular A-130, Managing Information as a Strategic Resource, § 10(a)(57) (July 28, 2016).

¹⁶ “Authorization to operate” is the official management decision given by a senior Federal official or officials to authorize operation of an information system and to explicitly accept the risk to agency operations (including mission, functions, image, or reputation), agency assets, individuals, other organizations, and the Nation based on the implementation of an agreed-upon set of security and privacy controls. See OMB Circular A-130, Managing Information as a Strategic Resource, Appendix I § 4(d) (July 28, 2016).

¹⁷ See *id.* at Appendix I § 4(a)(2), 4(e)(7).

¹⁸ Agencies shall develop and maintain a privacy plan that details the privacy controls selected for an information system that are in place or planned for meeting applicable privacy requirements and managing privacy risks, details how the controls have been implemented, and describes the methodologies and metrics that will be used to assess the controls. See OMB Circular A-130, Managing Information as a Strategic Resource, Appendix I § 4(c)(9), (e)(8) (July 28, 2016).

¹⁹ See *id.* at Appendix I § 4(e)(3).

²⁰ See OMB Circular A-130, Managing Information as a Strategic Resource, Appendix I § 4(e)(9) (July 28, 2016).

²¹ The term “information technology” means any equipment, software or interconnected system or subsystem that is used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information. See OMB Memorandum M-03-22, OMB Guidance for Implementing the Privacy Provisions of the E-Government Act of 2002 (Sept. 26, 2003).

²² Agencies are required to update PIAs whenever changes to the information technology, changes to the agency’s practices, or other factors alter the privacy risks associated with the use of such information technology. For the purposes of this question, an up-to-date PIA is a PIA that reflects any changes to the information technology, changes to the agency’s practices, or other factors that altered the privacy risks associated with the use of such information technology. See OMB Circular A-130, Managing Information as a Strategic Resource, Appendix II § 5(e) (July 28, 2016).

²³ See *id.*

²⁴ See *id.*

²⁵ See *id.*

²⁶ See *id.*

²⁷ See *id.*

²⁸ See *id.*

²⁹ The term “system of records” means a group of any records under the control of any agency from which information is retrieved by the name of the individual or by some identifying number, symbol, or other identifying particular assigned to the individual. See 5 U.S.C. § 552a(5).

³⁰ Agencies are required to publish a SORN in the *Federal Register* when establishing a new system of records and must also publish notice in the *Federal Register* when making significant changes to an existing system of records. For the purposes of this question, an up-to-date SORN is a published SORN that reflects any significant changes that have been made to the system of records. See OMB Circular A-108, Federal Agency Responsibilities for Review, Reporting, and Publication under the Privacy Act (Dec. 2016).

³¹ See 5 U.S.C. § 552a(e)(4).

³² See *id.* at § 552a(e)(3).

³³ See *id.* at § 552a(d).

³⁴ See OMB Circular A-108, Federal Agency Responsibilities for Review, Reporting, and Publication under the Privacy Act, § 12(a) (Dec. 2016).

³⁵ See *id.* at § 12(b).

³⁶ See *id.* at § 12(c).

³⁷ See *id.* at § 12(d).

³⁸ See *id.* at § 12(e).

³⁹ See *id.* at § 12(f).

⁴⁰ See OMB Circular A-130, Managing Information as a Strategic Resource, § 5(f)(1)(e) (July 28, 2016).

⁴¹ See *id.* at § 5(f)(1)(d).

⁴² Agencies are not required to have an inventory of collection and use of SSNs. However, agencies need to have a sufficient evidentiary basis to determine whether they have met the requirement to eliminate unnecessary collection and use of SSNs.

See OMB Circular A-130, Managing Information as a Strategic Resource, § 5(f)(1)(f) (July 28, 2016).

⁴³ Agencies are required to take steps to eliminate unnecessary collection, maintenance, and use of Social Security numbers, and explore alternatives to the use of Social Security numbers as a personal identifier. See OMB Circular A-130, Managing Information as a Strategic Resource, § 5(f)(1)(f) (July 28, 2016).

⁴⁴ See OMB Circular A-130, Managing Information as a Strategic Resource, § 5(f)(1)(j) (July 28, 2016).

⁴⁵ See OMB Memorandum M-10-22, Guidance for Online Use of Web Measurement and Customization Technologies (June 25, 2010).

⁴⁶ See *id.*

⁴⁷ See OMB Circular A-130, Managing Information as a Strategic Resource, Appendix I § 4(b)(1) (July 28, 2016).

⁴⁸ See *id.* at § 5(d)(3).

⁴⁹ See *id.* at § 5(a)(3)(e)(ii).

⁵⁰ See *id.* at Appendix I § 4(b)(3).

⁵¹ See *id.* at Appendix I § 3(b)(10).

⁵² See *id.* at § 5(a)(1)(b)(ii), Appendix I § 4(j)(1).

⁵³ See *id.* at Appendix I § 4(j)(3).

⁵⁴ See *id.* at Appendix I § 4(j)(2)(a).

⁵⁵ See *id.* at Appendix I § 4(h)(1)-(2), (4)-(5).

⁵⁶ See *id.* at Appendix I § 4(h)(6).

⁵⁷ See *id.* at Appendix I § 4(h)(7).

⁵⁸ See *id.* at § 5(c)(2).

⁵⁹ See *id.* at § 5(c)(6).

⁶⁰ See *id.* at § 5(c)(1).

⁶¹ See *id.*

⁶² See *id.* at Appendix I § 4(h)(4).

⁶³ See *id.*

⁶⁴ See *id.* at Appendix I § 4(h)(5).

⁶⁵ See *id.* at Appendix I § 4(h)(4).

⁶⁶ See *id.* at Appendix I § 3(b)(9).

⁶⁷ See *id.* at Appendix I § 4(h)(6).

⁶⁸ See *id.* at Appendix I § 4(h)(7).

⁶⁹ See OMB Memorandum M-17-12, Preparing for and Responding to a Breach of Personally Identifiable Information, § VII, XI (Jan. 3, 2017).

⁷⁰ See *id.* at § X.B, XI.

⁷¹ See *id.* at § VII.A, XI.

⁷² See *id.* at § X.A, XI.

⁷³ See *id.* at § III.C, XI. As stated in OMB Memorandum M-17-12, “Each agency shall require all individuals with access to the agency’s Federal Information and information systems to report a suspected or confirmed breach to the agency as soon as possible and without unreasonable delay.”

⁷⁴ See *id.* at § VII.D.1, XI.

⁷⁵ See *id.* at § VII.D.3, XI.

⁷⁶ See *id.* at § XI.

⁷⁷ See OMB Circular A-130, Managing Information as a Strategic Resource, Appendix I § 3(a), 3(b)(5) (July 28, 2016).

⁷⁸ See *id.* at Appendix I § 4(e)(5); see also *id.* at § 10(a)(14), (26), (66) and (86).

⁷⁹ The SAOP shall develop and maintain a privacy continuous monitoring strategy, a formal document that catalogs the available privacy controls implemented at the agency across the agency risk management tiers and ensures that the privacy controls are effectively monitored on an ongoing basis by assigning an agency-defined assessment frequency to each control that is sufficient to ensure compliance with applicable privacy requirements and to manage privacy risks. See OMB Circular A-130, Managing Information as a Strategic Resource, Appendix I § 4(d)(9), 4(e)(2) (July 28, 2016).

⁸⁰ The SAOP shall establish and maintain an agency-wide privacy continuous monitoring program that implements the agency’s privacy continuous monitoring strategy and maintains ongoing awareness of threats and vulnerabilities that may pose privacy risks; monitors changes to information systems and environments of operation that create, collect, use, process, store, maintain, disseminate, disclose, or dispose of PII; and conducts privacy control assessments to verify the continued effectiveness of all privacy controls selected and implemented at the agency across the agency risk management tiers to ensure continued compliance with applicable privacy requirements and manage privacy risks. See OMB Circular

A-130, Managing Information as a Strategic Resource, Appendix I § 4(d)(10)-(11), 4(e)(2) (July 28, 2016).

⁸¹ See OMB Memorandum M-17-06, Policies for Federal Agency Public Websites and Digital Services, § 6(A) (Nov. 8, 2016).

⁸² See *id.* at § 6(A)(1)(a).

⁸³ See *id.* at § 6(A)(1)(b).

⁸⁴ See *id.* at § 6(A)(1)(c).

⁸⁵ See *id.* at § 6(A)(1)(d).

⁸⁶ See *id.* at § 6(A)(1)(e).

⁸⁷ See *id.* at § 6(A)(1)(f).

⁸⁸ See *id.* at § 6(A)(1)(g).

⁸⁹ See *id.* at § 6(A)(1)(h).

⁹⁰ See *id.* at § 6(A)(1)(i).

⁹¹ See *id.* at § 6(A)(1)(j).