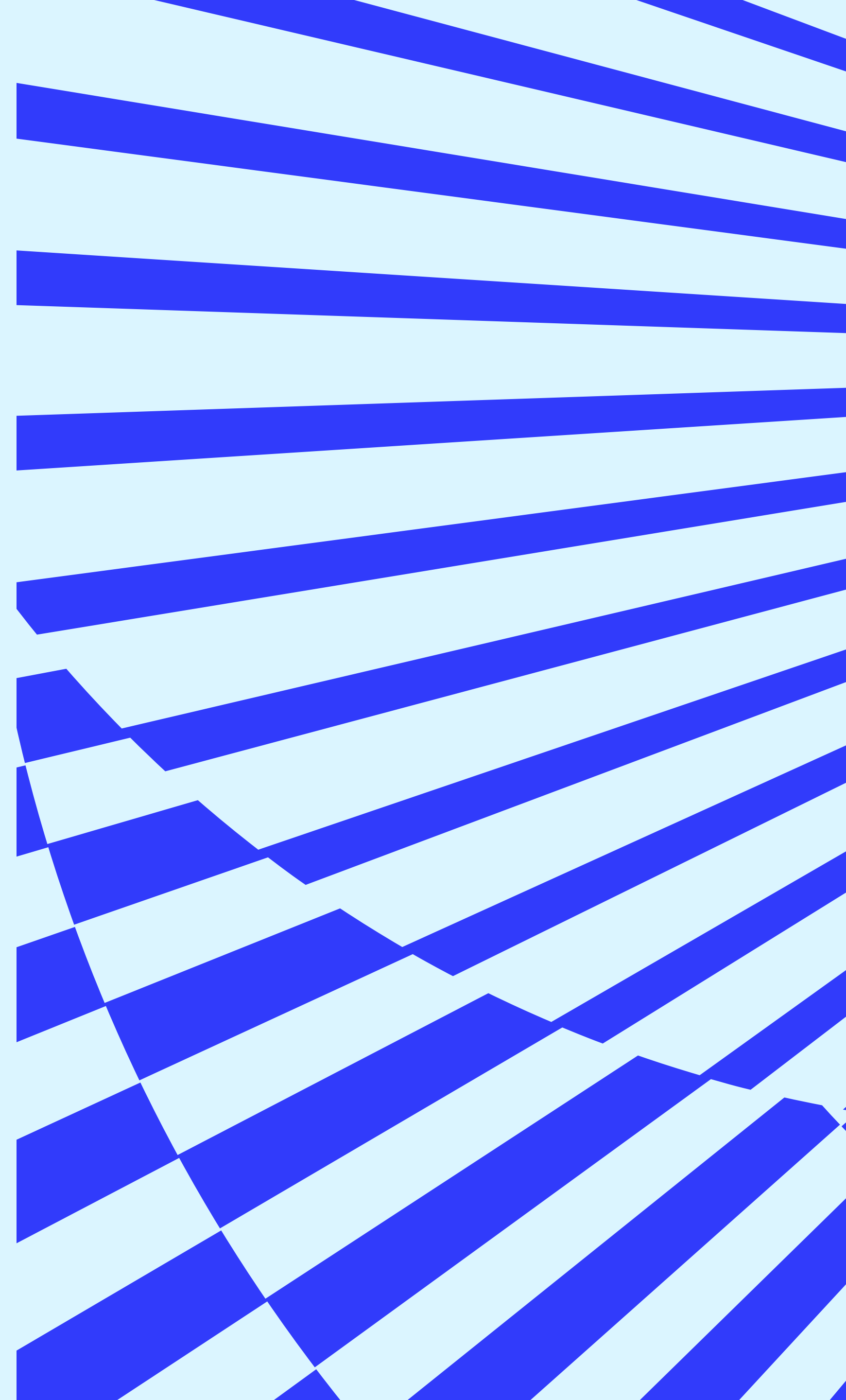
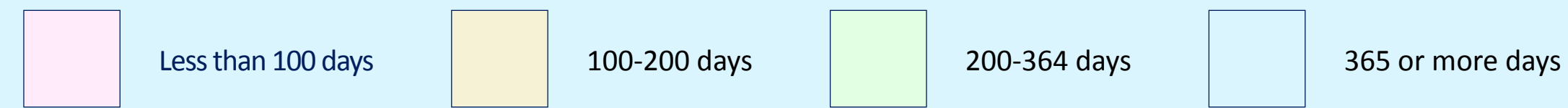


# Timeline: Executive Order on Safe, Secure, and Trustworthy Artificial Intelligence



U.S. Chamber of Commerce  
Technology  
Engagement Center





Section	Requirement	Days / Required Completion Date	Summary
4.1.a	Developing Guidelines, Standards, and Best Practices for AI Safety and Security.	Within 270 days of the date of this order: (Friday, July 26th, 2024).	<p>NIST to develop guidelines and best practices to promote consensus industry standards for developing and deploying safe, secure, and trustworthy AI systems.</p> <p>Companion resource for GenAI for the NIST AI RMF</p> <p>Secure Software Development Framework for GenAI and Dual-Use Foundation Models</p> <p>Create guidance and benchmarks for evaluating and auditing AI capabilities</p> <p>NIST to enable developers of AI, especially of dual-use foundation models, to conduct AI red-teaming tests to enable deployment of safe, secure, and trustworthy systems.</p>
4.1.b		Within 270 days of the date of this order: (Friday, July 26th, 2024).	The Secretary of Energy, in coordination with the heads of other Sector Risk Management Agencies (SRMAs) as the Secretary of Energy may deem appropriate, shall develop and, to the extent permitted by law and available appropriations, implement a plan for developing the Department of Energy's AI model evaluation tools and AI testbeds.
4.2.a	Ensuring Safe and Reliable AI.	Within 90 days of the date of this order: (Sunday, January 28th, 2024).	Secretary of Commerce shall require companies developing or demonstrating an intent to develop potential dual-use foundation models to report to the Federal Government, on an ongoing basis, information, reports, or records.
4.2.c		within 90 days of the date of this order: (Sunday, January 28th, 2024).	Secretary of Commerce shall propose regulations that require U.S. IaaS Providers to submit a report to the Secretary of Commerce when a foreign person transacts with that IaaS Provider to train a large AI model with potential capabilities that could be used in malicious cyber-enabled activity (a "training run").
4.2.d		Within 180 days of the date of this order: (Saturday, April 27, 2024).	Secretary of Commerce shall propose for notice and comment regulations that require U.S. IaaS providers to ensure that foreign resellers of U.S. IaaS products verify the identity of any foreign person that obtains an IaaS account from the foreign reseller.
4.3.a.i	Managing AI in Critical Infrastructure and in Cybersecurity.	Within 90 days of the date of this order and at least annually thereafter: (Sunday, January 28th, 2024).	The head of each agency with relevant regulatory authority over critical infrastructure and the heads of relevant SRMAs, in coordination with the Director of the Cybersecurity and Infrastructure Security Agency for consideration of cross-sector risks, shall evaluate and provide to the Secretary of Homeland Security an assessment of potential risks related to the use of AI in critical-infrastructure sectors involved.
4.3.a.ii		Within 150 days of the date of this order: (Thursday, March 28th, 2024).	the Secretary of the Treasury shall submit a public report on best practices for financial institutions to manage AI-specific cybersecurity risks.

Section	Requirement	Days / Required Completion Date	Summary
4.3.a.iii		Within 180 days of the date of this order: (Saturday, April 27, 2024).	the Secretary of Homeland Security, in coordination with the Secretary of Commerce and with SRMAs and other regulators as determined by the Secretary of Homeland Security, shall adapt and incorporate as appropriate the AI Risk Management Framework, NIST AI 100-1, as well as other appropriate security guidance, into relevant safety and security guidelines for use by critical infrastructure owners and operators.
4.3.a.iv		Within 240 days of the completion of the guidelines from the Secretary of Homeland Security referenced in subsection (a)(iii): (Wednesday, June 26th, 2024).	the Assistant to the President for National Security Affairs and the Director of OMB shall coordinate with the heads of agencies with authority over critical infrastructure to develop and take steps for the Federal Government to mandate such guidelines, or appropriate portions thereof, through regulatory or other appropriate action.
4.3.b.ii	Capitalize on AI's potential to improve United States cyber defense.	Within 180 days of the date of this order: (Saturday, April 27, 2024).	Secretary of Defense and the Secretary of Homeland Security shall, consistent with applicable law, each develop plans for, conduct, and complete an operational pilot project to identify, develop, test, evaluate, and deploy AI capabilities, such as large-language models, to aid in the discovery and remediation of vulnerabilities in critical United States Government software, systems, and networks
4.3.b.iii		Within 270 days of the date of this order: (Friday, July 26th, 2024).	Secretary of Defense and the Secretary of Homeland Security shall each provide a report to the Assistant to the President for National Security Affairs on the results of actions taken pursuant to the plans and operational pilot required by subsection (b)(ii) of this section, including a description of any vulnerabilities found and fixed through the development and deployment of AI capabilities and any lessons learned on how to identify, develop, test, evaluate, and deploy AI capabilities effectively for cyber defense.
4.4.a.i	Reducing Risks at the Intersection of AI and Chemical, Biological, Radiological, and Nuclear (CBRN) Threats.	Within 180 days of date of this order: (Saturday, April 27, 2024).	the Secretary of Homeland Security, in consultation with the Director of the Office of Science and Technology Policy, shall evaluate the potential for AI to be misused to enable the development or production of CBRN threats, while also considering the benefits and application of AI to counter these threats, including as appropriate the results of work conducted under section 8(c) of this order.
4.4.a.ii		Within 120 days of the date of this order: (Tuesday, February 27th, 2024).	The Secretary of Defense, in consultation with the Assistant to the President for National Security Affairs and the Assistant to the President and Director of OSTP, shall enter into a contract with the National Academies of Sciences, Engineering, and Medicine to conduct multiple assessments on AI biosecurity.
4.4.b.i		Within 180 days of the date of this order: (Saturday, April 27, 2024).	The Director of the Office of Science and Technology Policy, shall establish a framework, incorporating, as appropriate, existing United States Government guidance, to encourage providers of synthetic nucleic acid sequences to implement comprehensive, scalable, and verifiable synthetic nucleic acid procurement screening mechanisms, including standards and recommended incentives.

Section	Requirement	Days / Required Completion Date	Summary
4.4.b.ii		Within 180 days of the date of this order: (Saturday, April 27, 2024).	Director of NIST shall initiate an effort to engage with industry and relevant stakeholders, informed by the framework developed under subsection (b)(i) of this section, to develop and refine for possible use by synthetic nucleic acid sequence providers:
4.4.b.iii		Within 180 days of establishment of the framework pursuant to section: (Saturday, April 27, 2024).	all agencies that fund life-sciences research shall, as appropriate and consistent with applicable law, establish that, as a requirement of funding, synthetic nucleic acid procurement is conducted through providers or manufacturers that adhere to the framework, such as through an attestation from the provider.
4.4.b.iv.A		Within 180 days of the development of the framework developed in subsection (b)(i) of this section:(Saturday, April 27, 2024).	Secretary of Homeland Security shall develop a framework to conduct structured evaluation and stress testing of nucleic acid synthesis procurement screening.
4.5.a	Reducing the Risks Posed by Synthetic Content.	Within 240 days of the date of this order: (Wednesday, June 26th, 2024).	Secretary of Commerce shall provide a report to the Director of OMB and the Assistant to the President for National Security Affairs identifying the existing standards, tools, methods, and practices, as well as the potential development of further science-backed and non-proprietary standards and techniques, for: A. (i) authenticating content and tracking its provenance; B. (ii) labeling synthetic content, such as using watermarking; C. (iii) detecting synthetic content; D. (iv) preventing generative AI from producing Child Sexual Abuse Material or producing non-consensual intimate imagery of real individuals (to include intimate digital depictions of the body or body parts of an identifiable individual); E. (v) testing software used for the above purposes; and F. (vi) auditing and maintaining synthetic content.
4.5.b		Within 180 days of the report required under subsection (a): (Saturday, April 27, 2024).	The Secretary of Commerce, in coordination with the Director of OMB, shall develop guidance regarding the existing tools and practices for digital content authentication and synthetic content detection measures.
4.5.c		Within 180 days of the issuance of the guidance required under subsection: (Saturday, April 27, 2024).	The Director of shall issue guidance to agencies for labeling and authenticating official United States Government digital content that they produce or publish for the purposes of strengthening public confidence in the integrity of this content.
4.6	Soliciting Input on Dual-Use Foundation Models with Widely Available Model Weights.	270 days of the date of this order: Friday, July 26th, 2024).	Secretary of Commerce shall solicit input from the private sector, academia, civil society, and other stakeholders through a public consultation process, on potential risks, benefits, other implications, and appropriate policy and regulatory approaches related to dual-use foundation models for which the model weights are widely.



Section	Requirement	Days / Required Completion Date	Summary
4.7.a	Managing Sensitive Data Used to Train AI for Malicious Uses.	Within 270 days of the date of this order: (Friday, July 26th, 2024).	Chief Data Officer Council shall develop initial guidelines for performing security reviews, including reviews to identify and manage the potential security risks of releasing Federal data that could aid in the development of chemical, biological, radiological, and nuclear (CBRN) weapons as well as the development of autonomous offensive cyber capabilities;
4.7.b		Within 180 days of the release of the guidelines required by subsection (a):(Saturday, April 27, 2024).	shall conduct a security review of all data assets in the comprehensive data inventory required under 44 U.S.C. 3511(a)(1) and (2)(B), and take steps, as appropriate and consistent with applicable law, to address the potential security risks that releasing that data could raise with respect to CBRN weapons.
4.8	Directing the Development of a National Security Memorandum.	Within 270 days of the date of this order: (Friday, July 26th, 2024).	The assistant to the President for National Security Affairs and the Assistant to the President and Deputy Chief of Staff for Policy shall develop and submit to the President a National Security Memorandum on AI. The Memorandum shall address the governance of AI used as a component of a national security system and for military and intelligence purposes.
5.1.a	Attracting AI Talent to the United States.	Within 90 days of the date of this order: (Sunday, January 28th, 2024).	The Secretary of State and the Secretary of Homeland Security shall take appropriate steps to streamline the processing times of visa petitions and applications, including by ensuring the timely availability of visa appointments for noncitizens who seek to travel to the United States to work on, study, or conduct research in AI or other critical and emerging technologies; and (ii) facilitate continued availability of visa appointments in sufficient volume for applicants with expertise in AI or other critical and emerging technologies.
5.1.b		Within 120 days of the date of this order: (Tuesday, February 27th, 2024).	Secretary of State shall consider initiating a rulemaking to establish new criteria to designate countries and skills on the Exchange Visitor Skills List as it relates to the two-year foreign residence requirement for certain J-1 nonimmigrants, including those skills that are critical to the United States(ii) consider publishing updates to the 2009 Revised Exchange Visitor Skills List (74 FR 20108); and (iii) consider implementing a domestic visa renewal program under 22 C.F.R. 41.111(b) to facilitate the ability of qualified applicants, including highly skilled talent in AI and critical and emerging technologies, to continue their work in the United States without unnecessary interruption.
5.1.c		Within 180 days of this order: (Saturday, April 27, 2024).	The Secretary of State shall: (i) consider initiating a rulemaking to expand the categories of nonimmigrants who qualify for the domestic visa-renewal program covered under 22 C.F.R. 41.111(b) to include academic J-1 research scholars and F-1 students in STEM; and (ii) establish, to the extent permitted by law and available appropriations, a program to identify and attract top talent in AI and other critical and emerging technologies at universities, research institutions, and the private sector overseas, and to establish and increase connections with that talent to educate them on opportunities and resources for research and employment in the United States, including overseas educational components to inform top science, technology, engineering, and mathematics (STEM) talent of nonimmigrant and immigrant visa options and potential expedited adjudication of their visa petitions and applications.

Section	Requirement	Days / Required Completion Date	Summary
5.1.d		Within 180 days of the date of this order: (Saturday, April 27, 2024).	The Secretary of Homeland Security shall: (i) review and initiate any policy changes the Secretary determines necessary and appropriate to clarify and modernize immigration pathways for experts in AI and other critical and emerging technologies, including O-1A and EB-1 noncitizens of extraordinary ability; EB-2 advanced-degree holders and noncitizens of exceptional ability; and startup founders in AI and other critical and emerging technologies using the International Entrepreneur Rule; and (ii) consider initiating a rulemaking to modernize the H-1B program and enhance its integrity and usage, including by experts in AI and other critical and emerging technologies, and to enhance the process for noncitizens, including experts in AI and other critical and emerging technologies and their spouses, dependents, and children, to adjust their status to lawful permanent resident.
5.1.e		Within 45 days of the date of this order: (Thursday, December 14th, 2023).	The Secretary of Labor shall publish a request for information to solicit public input from industry and worker-advocate communities identifying AI and other STEM-related occupations, as well as additional occupations across the economy, for which there is an insufficient number of ready, willing, able, and qualified U.S. workers for purposes of updating the “Schedule A” list of occupations, 20 C.F.R. 656.15.
5.1.g		Within 120 days of the date of this order: (Tuesday, February 27th, 2024).	The Secretary of Homeland Security, shall develop and publish informational resources to better attract and retain experts in AI and other critical and emerging technologies.
5.2.a.i	Promoting Innovation.	Within 90 days of the date of this order: (Sunday, January 28th, 2024).	Director of the National Science Foundation (NSF) shall launch a pilot program implementing the National AI Research Resource (NAIRR), consistent with past recommendations of the NAIRR Task Force.
5.2.a.ii		Within 150 days of the date of this order: (Thursday, March 28th, 2024).	Fund and launch at least one NSF Regional Innovation Engine that prioritizes AI-related work, such as AI-related research, societal, or workforce needs.
5.2.a.iii		Within 540 days of the date of this order: (Tuesday, April 22nd, 2025).	Establish at least four new National AI Research Institutes in addition to the 25 currently funded as of the date of this order.
5.2.b		Within 120 days of the date of this order: (Tuesday, February 27th, 2024).	The Secretary of Energy shall, in a manner consistent with law and available appropriations, establish a pilot program to enhance existing successful training programs for scientists, to train 500 new researchers by 2025 capable of meeting the rising demand for AI talent.
5.2.c.i		Within 120 days of the date of this order: (Tuesday, February 27th, 2024).	(“USPTO Director”) shall within 120 days of the date of this order, publish guidance to USPTO patent examiners and applicants addressing inventorship and the use of AI, including generative AI, in the inventive process, including illustrative examples in which AI systems play different roles in inventive processes and how, in each example, inventorship issues ought to be analyzed.

Section	Requirement	Days / Required Completion Date	Summary
5.2.c.ii		Within 270 days of the date of this order: (Friday, July 26th, 2024).	Issue additional guidance to USPTO patent examiners and applicants to address other considerations at the intersection of AI and intellectual property, which could include, as the USPTO Director deems necessary, updated guidance on patent eligibility to address innovation in AI and emerging technologies.
5.2.c.iii		Within 270 days of the date of this order or 180 days after the Copyright Office of the Library of Congress publishes its forthcoming artificial intelligence study that will address copyright issues raised by AI: (Friday, July 26th, 2024).	The USPTO Director issues recommendations to the President on potential executive actions relating to copyright and AI. The recommendations shall address any copyright and related issues discussed in the Copyright Office's study, including the scope of protection for works produced using AI and the treatment of copyrighted works in AI training.
5.2.d		Within 180 days of the date of this order: (Saturday, April 27, 2024).	Secretary of Homeland Security, acting through the head of the National Intellectual Property Rights Coordination Center, and in consultation with the Attorney General, shall develop a training, analysis, and evaluation program to mitigate AI-related IP risks.
5.2.f.i	Improve the quality of veterans' healthcare.	Within 365 days of the date of this order: (Tuesday, October 29th, 2024).	Secretary of Veterans Affairs shall host two 3-month nationwide AI Tech Sprint competitions.
5.2.g		Within 180 days of this order: (Saturday, April 27, 2024).	Secretary of Energy shall: (i) deliver a public report describing the potential for AI to improve planning, permitting, investment, and operations for electric grid infrastructure and to enable the provision of clean, affordable, reliable, resilient, and secure electric power to all Americans; (ii) develop tools that facilitate building foundation models useful for applied science, including models that streamline permitting and environmental reviews while improving environmental and social outcomes; (iii) collaborate, as appropriate, with private sector organizations and members of academia to support development of AI tools to mitigate climate change risks; (iv) take steps to expand partnerships with industry, academia, other agencies, and international partners to utilize the Department of Energy's computing capabilities and AI testbeds to build foundation models that support new applications in science and energy, and national security, with a focus on partnerships that increase community preparedness for climate-related risks, enable clean-energy deployment (including addressing delays in permitting reviews), and enhance grid reliability and resilience; and (v) establish an office to coordinate development of AI and other critical and emerging technologies across Department programs and the 17 National Laboratories.
5.2.h	AI's implications for scientific research.	Within 180 days of the date of this order: (Saturday, April 27, 2024).	President's Council of Advisors on Science and Technology shall submit to the President and make publicly available a report on the potential role of AI, especially given recent developments in AI, in research aimed at tackling major societal and global challenges.

Section	Requirement	Days / Required Completion Date	Summary
6.a	Supporting Worker.	Within 180 days of the date of this order: (Saturday, April 27, 2024).	The Chair of the Council of Economic Advisors shall prepare a report for the President on the labor-market effects of AI. To evaluate necessary steps for the Federal Government to address AI-related workforce disruptions, the Secretary of Labor shall submit to the President a report analyzing the abilities of existing Federal agencies to support workers displaced by the adoption of AI and other technological advancements.
6.b.i		Within 180 days of the date of this order: (Saturday, April 27, 2024).	The Secretary of Labor shall develop and publish principles and best practices for employers that could mitigate AI's potential harm to employees' well-being and maximize its potential benefits. The principles and practices shall include specific steps for employers to take concerning AI.
7.1.a.i	Advancing Equity and Civil Rights.	Within 90 days of the date of this order: (Sunday, January 28th, 2024).	The Attorney General will hold a meeting of the heads of Federal civil rights offices to discuss the comprehensive use of their respective authorities and offices to prevent and address discrimination in the use of automated systems.
7.1.b.i		Within 365 days of the date of this order: (Tuesday, October 29th, 2024).	Attorney General shall submit to the President a report that addresses the use of AI in the criminal justice system.
7.1.c.i		Within 180 days of the date of this order: (Saturday, April 27, 2024).	The Attorney General shall identify and share best practices for recruiting and hiring law enforcement professionals with the technical skills mentioned above and training law enforcement professionals about the responsible application of AI.
7.1.c.ii		Within 270 days of the date of this order: (Friday, July 26th, 2024).	The Attorney General shall, in consultation with the Secretary of Homeland Security, consider those best practices and the guidance developed under section 3(d) of Executive Order 14074 and, if necessary, develop additional general recommendations for State, local, Tribal, and territorial law enforcement agencies and criminal justice agencies seeking to recruit, hire, train, promote, and retain highly qualified and service-oriented officers and staff with relevant technical knowledge.
7.1.c.iii		Within 365 days of the date of this order: (Tuesday, October 29th, 2024).	the Attorney General shall review the work conducted under section 2(b) of Executive Order 14074 and, if appropriate, reassess the existing capacity to investigate law enforcement deprivation of rights under color of law resulting from the use of AI, including through improving and increasing training of Federal law enforcement officers, their supervisors, and Federal prosecutors on how to investigate and prosecute cases related to AI involving the deprivation of rights under color of law pursuant to 18 U.S.C. 242.
7.3.a	Strengthening AI and Civil Rights in the Broader Economy.	Within 365 days of the date of this order: (Tuesday, October 29th, 2024).	The Secretary of Labor shall publish guidance for Federal contractors regarding nondiscrimination in hiring involving AI and other technology-based hiring systems.



Section	Requirement	Days / Required Completion Date	Summary
7.3.c		Within 180 days of the date of this order: (Saturday, April 27, 2024).	The Secretary of Housing and Urban Development shall, and the Consumer Financial Protection Bureau is encouraged to, issue additional guidance: (i) addressing the use of tenant screening systems in ways that may violate the Fair Housing Act (Public Law 90-284), the Fair Credit Reporting Act (Public Law 91-508), or other relevant Federal laws, including how the use of data, such as criminal records, eviction records, and credit information, can lead to discriminatory outcomes in violation of Federal law; and (ii) addressing how the Fair Housing Act, the Consumer Financial Protection Act of 2010 (title X of Public Law 111-203), and the Equal Credit Opportunity Act (Public Law 93-495) apply to the advertising of housing, credit, and other real estate-related transactions through digital platforms, including those that use algorithms to facilitate advertising delivery, as well as on best practices to avoid violations of Federal law.
8.b.i		Within 90 days of the date of this order: (Sunday, January 28th, 2024).	The Secretary of HHS shall establish an HHS AI Task Force.
8.b.i		within 365 days of its creation: (Tuesday, October 29th, 2024).	Develop a strategic plan that includes policies and frameworks -- possibly including regulatory action, as appropriate — on responsible deployment and use of AI and AI-enabled technologies in the health and human services sector (including research and discovery, drug and device safety, healthcare delivery, and public health), and identify appropriate guidance and resources to promote that deployment.
8.b.ii		Within 180 days of the date of this order: (Saturday, April 27, 2024).	Secretary of HHS shall direct HHS components, as deemed appropriate, to develop a strategy, in consultation with relevant agencies, to determine whether AI-enabled technologies in the health and human services sector maintain appropriate levels of quality, including, as appropriate, in the areas described in subsection (i) of this section. This work shall include the development of an AI assurance policy — to evaluate important aspects of the performance of AI-enabled healthcare tools -- and infrastructure needs for enabling premarket assessment and post-market oversight of AI-enabled healthcare-technology algorithmic system performance against real-world data.
8.b.iii		Within 180 days of the date of this order: (Saturday, April 27, 2024).	The Secretary of HHS shall, in consultation with relevant agencies, consider appropriate actions to advance the prompt understanding of and compliance with Federal nondiscrimination laws by health and human service providers that receive Federal financial assistance, as well as how those laws relate to AI.
8.b.iv		Within 365 days of the date of this order: (Tuesday, October 29th, 2024).	The Secretary of HHS shall, in partnership with voluntary federally listed Patient Safety Organizations: establishes a common framework for approaches to identifying and capturing clinical errors resulting from AI deployed in healthcare settings, as well as specifications for a central tracking repository for associated incidents that cause harm, including through bias or discrimination, to patients, caregivers, or other parties; analyzes captured data and generated evidence to develop, wherever appropriate, recommendations, best practices, or other informal guidelines aimed at avoiding these harms and disseminates those recommendations, best practices, or other informal guidance to appropriate stakeholders, including healthcare providers.

Section	Requirement	Days / Required Completion Date	Summary
8.b.v		Within 365 days of the date of this order: (Tuesday, October 29th, 2024).	<p>The Secretary of HHS shall develop a strategy for regulating AI or AI-enabled tools in drug-development processes. The strategy shall, at a minimum:</p> <p>(A) define the objectives, goals, and high-level principles required for appropriate regulation throughout each phase of drug development;</p> <p>(B) identify areas where future rulemaking, guidance, or additional legislative authority may be necessary to implement such a regulatory system;</p> <p>(C) identify the existing budget, resources, personnel, and potential for new public/private partnerships necessary for such a regulatory system; and</p> <p>(D) consider risks identified by the actions undertaken to implement section 4 of this order.</p>
8.c.i		Within 30 days of the date of this order: (Wednesday, November 29th, 2023).	<p>Secretary of Transportation shall direct the Non-Traditional and Emerging Transportation Technology (NETT) Council to assess the need for information, technical assistance, and guidance regarding the use of AI in transportation. The Secretary of Transportation shall further direct the NETT Council, as part of any such efforts, to:</p> <p>(A) support existing and future initiatives to pilot transportation-related applications of AI, as they align with policy priorities articulated in DOT's Innovation Principles, including, as appropriate, through technical assistance and connecting stakeholders;</p> <p>(B) evaluate the outcomes of such pilot programs to assess when the Department of Transportation (DOT), or other Federal or State agencies, have sufficient information to take regulatory actions, as appropriate, and recommend appropriate actions when that information is available; and</p> <p>(C) establish a new DOT Cross-Modal Executive Working Group, which will consist of members from different divisions of DOT and coordinate applicable work among these divisions to solicit and use relevant input from appropriate stakeholders.</p>
8.c.ii		Within 90 days of the date of this order: (Sunday, January 28th, 2024).	<p>The Secretary of Transportation shall direct appropriate Federal Advisory Committees of the DOT to provide advice on the safe and responsible use of AI in transportation. The committees shall include the Advanced Aviation Advisory Committee, the Transforming Transportation Advisory Committee, and the Intelligent Transportation Systems Program Advisory Committee.</p>

Section	Requirement	Days / Required Completion Date	Summary
8.c.iii		Within 180 days of the date of this order: (Saturday, April 27, 2024).	the Secretary of Transportation shall direct the Advanced Research Projects Agency-Infrastructure (ARPA-I) to explore the transportation-related opportunities and challenges of AI -- including regarding software-defined AI enhancements impacting autonomous mobility ecosystems. The Secretary of Transportation shall further encourage the ARPA-I program to prioritize the allocation of grants to those opportunities as appropriate. The work tasked to ARPA-I shall include soliciting input on these topics through a public consultation process, such as an RFI.
8.d		Within 365 days of the date of this order: (Tuesday, October 29th, 2024).	Secretary of Education shall develop resources, policies, and guidance regarding AI. These resources shall address safe, responsible, and non-discriminatory uses of AI in education, including the impact AI systems have on vulnerable and underserved communities, and shall be developed in consultation with stakeholders as appropriate. They shall also include the development of an "AI toolkit" for education leaders implementing recommendations from the Department of Education's AI and the Future of Teaching and Learning report, including appropriate human review of AI decisions, designing AI systems to enhance trust and safety and align with privacy-related laws and regulations in the educational context, and developing education-specific guardrails.
9.a.iii	Protecting Privacy.	Within 180 days of the date of this order: (Saturday, April 27, 2024).	Director of OMB shall issue a request for information (RFI) to inform potential revisions to guidance to agencies on implementing the privacy provisions of the E-Government Act of 2002. The RFI shall seek feedback regarding how Privacy Impact Assessments may be more effective at mitigating privacy harms, including those that AI further exacerbates.
9.b		Within 365 days of the date of this order: (Tuesday, October 29th, 2024).	The Secretary of Commerce, acting through the Director of NIST, shall create guidelines for agencies to evaluate the efficacy of differential-privacy-guarantee protections, including for AI. The guidelines shall, at a minimum, describe the significant factors that bear on differential-privacy safeguards and common risks to realizing differential privacy in practice.
9.c.i		Within 120 days of the date of this order: (Tuesday, February 27th, 2024).	The Director of NSF shall fund the creation of a Research Coordination Network (RCN) dedicated to advancing privacy research and, in particular, the development, deployment, and scaling of PETs.
9.c.ii		Within 240 days of the date of this order: (Wednesday, June 26th, 2024).	The Director of NSF shall engage with Federal agencies to identify ongoing work and potential opportunities to incorporate PETs into their operations. The Director of NSF shall, where feasible and appropriate, prioritize research -- including efforts to translate research discoveries into practical applications -- that encourage the adoption of leading-edge PETs solutions for agencies' use, including through research engagement through the RCN described above.
10.1.a	Advancing Federal Government Use of AI.	Within 60 days of the date of this order and on an ongoing basis as necessary: (Friday, 29 December, 2023).	The Director of OMB shall convene and chair an interagency council to coordinate the development and use of AI in agencies' programs and operations, other than the use of AI in national security systems.

Section	Requirement	Days / Required Completion Date	Summary
10.1.b		Within 150 days of the date of this order and updated periodically thereafter (Thursday, March 28th, 2024).	The Director of OMB, in coordination with the Director of the Office of Science and Technology Policy, shall issue guidance to agencies to strengthen the effective and appropriate use of AI, advance AI innovation, and manage risks from AI in the Federal Government.
10.1.b.i		Within 60 days of the issuance of the guidance and updated periodically thereafter: (Friday, 29 December, 2023).	The Director of OMB shall develop a method for Federal agencies to track and assess their ability to adopt AI into their programs and operations, manage its risks, and comply with Federal policy on AI.
10.1.d.i		Within 90 days of the issuance of the guidance: (Sunday, January 28th, 2024).	the Secretary of Commerce shall develop guidelines, tools, and practices to support implementation of the minimum risk-management practices.
10.2.d.ii		Within 180 days of the issuance of the guidance: (Saturday, April 27, 2024).	The Director of OMB shall develop an initial means to ensure that agency contracts for the acquisition of AI systems and services align with the guidance described in subsection (b) of this section and advance the other aims identified in section 7224(d)(1) of the Advancing American AI Act (Public Law 117-263, div. E, title LXXII, subtitle B).
10.1.f.ii		Within 90 days of the date of this order: (Sunday, January 28th, 2024).	Administrator of General Services shall develop and issue a framework for prioritizing critical and emerging technologies offerings in the Federal Risk and Authorization Management Program authorization process.
10.1.f.iii		Within 180 days of the date of this order: (Saturday, April 27, 2024).	the Director of the Office of Personnel Management (OPM), in coordination with the Director of OMB, shall develop guidelines on the use of generative AI for work by the Federal workforce.
10.1.g		Within 30 days of the date of this order: (Wednesday, November 29th, 2023)	to increase agency investment in AI, the Technology Modernization Board shall consider, as it deems appropriate and consistent with applicable law, prioritizing funding for AI projects for the Technology Modernization Fund for a period of at least one year.
10.1.h		Within 180 days of the date of this order: (Saturday, April 27, 2024).	the Administrator of General Services, in coordination with the Director of OMB, and in collaboration with the Secretary of Defense, the Secretary of Homeland Security, the Director of National Intelligence, the Administrator of the National Aeronautics and Space Administration, and the head of any other agency identified by the Administrator of General Services, shall take steps consistent with applicable law to facilitate access to Government-wide acquisition solutions for specified types of AI services and products, such as through the creation of a resource guide or other tools to assist the acquisition workforce. Specified types of AI capabilities shall include generative AI and specialized computing infrastructure.



Section	Requirement	Days / Required Completion Date	Summary
10.2.a	Increasing AI Talent in Government	Within 45 days of the date of this order: (Thursday, December 14th, 2023).	Director of the Office of Science and Technology Policy and the Director of OMB, in consultation with the Assistant to the President for National Security Affairs, the Assistant to the President for Economic Policy, and the Assistant to the President and Domestic Policy Advisor, shall identify priority mission areas for increased Government AI talent, the types of talent that are highest priority to recruit and develop to ensure adequate implementation of this order and use of relevant enforcement and regulatory authorities to address AI risks, and accelerated hiring pathways.
10.2.b		Within 45 days of the date of this order: (Thursday, December 14th, 2023).	the Assistant to the President and Deputy Chief of Staff for Policy, in coordination with the Director of the Office of Science and Technology Policy and the Director of OMB, shall convene an AI and Technology Talent Task Force, which shall include the Director of OPM, the head of GSA's Technology Transformation Services, a representative from the Chief Human Capital Officer Council, the Director of the Office of Presidential Personnel, members of appropriate agency technology talent programs, a representative of the Chief Data Officer Council, and a representative of the council convened under section 10.1(a) of this order. The task force's purpose shall be to accelerate and track the hiring of AI and AI-enabling talent across the Federal Government.
10.2.b.i		Within 180 days of the date of this order: (Saturday, April 27, 2024).	tracking and reporting progress to the President on increasing AI capacity across the Federal Government, including submitting to the President a report and recommendations for further increasing capacity; ii) identifying and circulating best practices for agencies to attract, hire, retain, train, and empower AI talent, including diversity, inclusion, and accessibility best practices, as well as to plan and budget adequately for AI workforce needs;  (iii) coordinating, in consultation with the Director of OPM, the use of fellowship programs and agency technology-talent programs and human-capital teams to build hiring capabilities, execute hires, and place AI talent to fill staffing gaps; and  (iv) convening a cross-agency forum for ongoing collaboration between AI professionals to share best practices and improve retention.
10.2.c		Within 45 days of the date of this order: (Thursday, December 14th, 2023).	Digital Service, Presidential Innovation Fellowship, U.S. Digital Corps, OPM, and technology talent programs at agencies, with support from the AI and Technology Talent Task Force, as appropriate and permitted by law, shall develop and begin to implement plans to support the rapid recruitment of individuals as part of a Government-wide AI talent surge to accelerate the recruitment and placement of key AI and AI-enabling talent in high-priority areas and to advance agencies' data and technology strategies.
10.2d.i		Within 60 days of the date of this order: (Friday, 29 December, 2023).	OPM Director shall conduct an evidence-based review on the need for hiring and workplace flexibility, including Government-wide direct-hire authority for AI and related data-science and technical roles, and, where the Director of OPM finds such authority is appropriate, grant it.

Section	Requirement	Days / Required Completion Date	Summary
10.2d.ii		Within 60 days of this order: (Friday, 29 December, 2023).	Director of OMB consider authorizing the use of excepted service appointments under 5 CFR 213.3102(i)(3) to address the need for hiring additional staff to implement directives of this order.
10.2d.iii		Within 90 days of the date of this order: (Sunday, January 28th, 2024).	Director of OMB coordinate a pooled-hiring action informed by subject-matter experts and using skills-based assessments to support the recruitment of AI talent across agencies.
10.2d.iv		Within 120 days of the date of this order: (Tuesday, February 27th, 2024)	Director of OMB appropriate and permitted by law, issue guidance for agency application of existing pay flexibilities or incentive pay programs for AI, AI-enabling, and other key technical positions to facilitate appropriate use of current pay incentives.
10.2d.v		Within 180 days of the date of this order: (Saturday, April 27, 2024)	Director of OMB establish guidance and policy on skills-based, Government-wide hiring of AI, data, and technology talent in order to increase nontraditional academic backgrounds to Federal AI, data, and technology roles.
10.2d.vi		Within 180 days of the date of this order: (Saturday, April 27, 2024)	Director of OMB establish an interagency working group, staffed with both human-resources professionals and recruiting technical experts, to facilitate Government-wide hiring of people with AI and other technical skills.
10.2d.vii		Within 180 days of this order: (Saturday, April 27, 2024).	Director of OMB review existing Executive Core Qualifications (ECQs) for Senior Executive Service (SES) positions informed by data and AI literacy competencies.
10.2d.viii		Within 180 days of the date of this order: (Saturday, April 27, 2024).	Director of OMB complete a review of competencies for civil engineers (GS-0810 series) and, if applicable, other related occupations, and make recommendations for ensuring that adequate AI expertise and credentials in these occupations in the Federal Government reflect the increased use of AI in critical infrastructure; and work with the Security, Suitability and Credentialing Performance Accountability Council to assess mechanisms to streamline and accelerate personnel-vetting requirements, as appropriate, to support AI and fields related to other critical and emerging technologies.

Section	Requirement	Days / Required Completion Date	Summary
10.2.h		Within 180 days of the date of this order: (Saturday, April 27, 2024).	<p>Secretary of Defense shall submit a report to the President through the Assistant to the President for National Security Affairs that includes: recommendations to address challenges in the Department of Defense's ability to hire certain noncitizens, including at the Science and Technology Reinvention Laboratories;</p> <p>(ii) recommendations to clarify and streamline processes for accessing classified information for certain noncitizens through Limited Access Authorization at Department of Defense laboratories;</p> <p>(iii) recommendations for the appropriate use of enlistment authority under 10 U.S.C. 504(b)(2) for experts in AI and other critical and emerging technologies; and</p> <p>(iv) recommendations for the Department of Defense and the Department of Homeland Security to work together to enhance the use of appropriate authorities for the retention of certain noncitizens of vital importance to national security by the Department of Defense and the Department of Homeland Security.</p>
11.b.i	Strengthening American Leadership Abroad	Within 270 days of the date of this order:(Friday, July 26th, 2024).	<p>The Secretary of Commerce establish a plan for global engagement on promoting and developing AI standards, with lines of effort that may include:</p> <p>(A) AI nomenclature and terminology;</p> <p>(B) best practices regarding data capture, processing, privacy, handling, and analysis;</p> <p>(C) trustworthiness, verification, and assurance of AI systems; and</p> <p>(D) AI risk management;</p>
		Within 180 days of the date, the plan is established: (Saturday, April 27, 2024).	<p>submit a report to the President on priority actions taken pursuant to the plan; and</p> <p>(iii) ensure that such efforts are guided by principles set out in the NIST AI Risk Management Framework and United States Government National Standards Strategy for Critical and Emerging Technology.</p>

Section	Requirement	Days / Required Completion Date	Summary
11.c	Promote safe, responsible, and rights-affirming development and deployment of AI abroad	Within 365 days of the date of this order: (Tuesday, October 29th, 2024).	Secretary of State shall publish an AI in Global Development Playbook that incorporates the AI Risk Management Framework's principles, guidelines, and best practices to the social, technical, economic, governance, human rights, and security conditions of contexts beyond United States borders.
11.d.i		Within 270 days of the date of this order: (Friday, July 26th, 2024).	Secretary of Homeland Security shall develop a plan for multilateral engagements to encourage the adoption of the AI safety and security guidelines for use by critical infrastructure owners and operators developed in section 4.3(a) of this order.
11.d.ii		Within 180 days of establishing the plan described in subsection: (Saturday, April 27, 2024).	Secretary of Homeland Security shall submit a report to the President on priority actions to mitigate cross-border risks to critical United States infrastructure.