

<https://www.nist.gov/itl/ai-risk-management-framework>



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# AI Risk Management Framework

On July 26, 2024, NIST released [NIST-AI-600-1, \*Artificial Intelligence Risk Management Framework: Generative Artificial Intelligence Profile\*](https://doi.org/10.6028/NIST.AI.600-1) (<https://doi.org/10.6028/NIST.AI.600-1>). Developed in part to fulfill an October 30, 2023 [Executive Order \(https://www.nist.gov/artificial-intelligence/executive-order-safe-secure-and-trustworthy-artificial-intelligence\)](https://www.nist.gov/artificial-intelligence/executive-order-safe-secure-and-trustworthy-artificial-intelligence), the profile can help organizations identify unique risks posed by generative AI and proposes actions for generative AI risk management that best aligns with their goals and priorities.

The U.S. Department of State released a “[Risk Management Profile for Artificial Intelligence and Human Rights](https://www.state.gov/risk-management-profile-for-ai-and-human-rights/)” (<https://www.state.gov/risk-management-profile-for-ai-and-human-rights/>) as a practical guide for organizations—including governments, the private sector, and civil society—to design, develop, deploy, use, and govern AI in a manner consistent with respect for international human rights.

A [Japanese translation \(https://doi.org/10.6028/NIST.AI.100-1.jpn\)](https://doi.org/10.6028/NIST.AI.100-1.jpn) and an [Arabic translation \(https://doi.org/10.6028/NIST.AI.100-1.ara\)](https://doi.org/10.6028/NIST.AI.100-1.ara) of the AI RMF are now available.

In collaboration with the private and public sectors, NIST has developed a framework to better manage risks to individuals, organizations, and society associated with artificial intelligence (AI). The [NIST AI Risk Management Framework \(AI RMF\) \(https://doi.org/10.6028/NIST.AI.100-1\)](https://doi.org/10.6028/NIST.AI.100-1) is intended for voluntary use and to improve the ability to incorporate trustworthiness considerations into the design, development, use, and evaluation of AI products, services, and systems.

Released on January 26, 2023, the Framework was developed through a consensus-driven, open, transparent, and collaborative process that included a Request for Information, several draft versions for public comments, multiple [workshops \(https://www.nist.gov/itl/ai-risk-management-framework/ai-risk-management-framework-workshops-events\)](https://www.nist.gov/itl/ai-risk-management-framework/ai-risk-management-framework-workshops-events), and other opportunities to provide input. It is intended to build on, align with, and support AI risk management efforts by others ([Fact Sheet \(https://www.nist.gov/document/about-nist-ai-rmf\)](https://www.nist.gov/document/about-nist-ai-rmf)).

A companion [NIST AI RMF Playbook](#)

([https://airc.nist.gov/AI\\_RM\\_F\\_Knowledge\\_Base/Playbook](https://airc.nist.gov/AI_RM_F_Knowledge_Base/Playbook)) also has been published by NIST along with an [AI RMF Roadmap](https://www.nist.gov/itl/ai-risk-management-framework/roadmap-nist-artificial-intelligence-risk-management-framework-ai), [AI RMF Crosswalk](https://www.nist.gov/itl/ai-risk-management-framework/crosswalks-nist-artificial-intelligence-risk-management-framework), and various [Perspectives](https://www.nist.gov/itl/ai-risk-management-framework/perspectives-about-nist-artificial-intelligence-risk-management).

On March 30, 2023, NIST launched the [Trustworthy and Responsible AI Resource Center](https://airc.nist.gov/Home), which will facilitate implementation of, and international alignment with, the AI RMF. Examples of how other organizations are building on and using the AI RMF can be found via the [AIRC's Use Case](https://airc.nist.gov/Usecases) page.

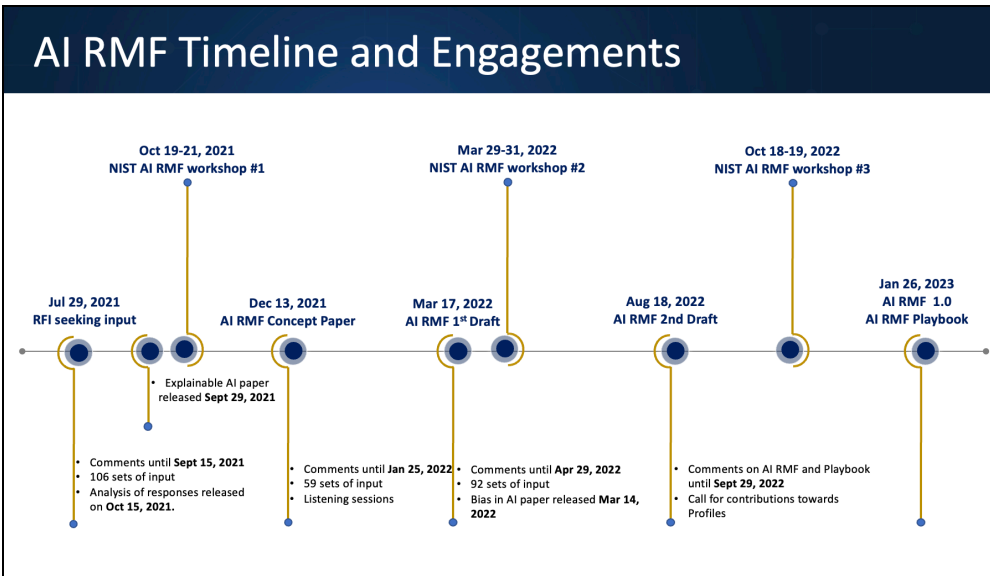
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To view public comments received on the previous drafts of the AI RMF and Requests for Information, see the [AI RMF Development](https://www.nist.gov/itl/ai-risk-management-framework/ai-rmf-development) page.

## Prior Documents

- [Second draft of the AI Risk Management Framework](https://www.nist.gov/document/ai-risk-management-framework-2nd-draft) (August 18, 2022)
- [Initial draft of the AI Risk Management Framework](https://www.nist.gov/document/ai-risk-management-framework-initial-draft) (March 17, 2022)
- [Concept paper to help guide development of the AI Risk Management Framework](https://www.nist.gov/document/airmfconceptpaper) (December 13, 2021)
- [Brief summary of responses](https://www.nist.gov/document/summary-analysis-responses-nist-artificial-intelligence-risk-management-framework-ai-rmf) (<https://www.nist.gov/itl/ai-risk-management-framework/comments-received-rfi-artificial-intelligence-risk-management>) to the July 29, 2021, RFI (October 15, 2021)

- Draft -Taxonomy of AI Risk (<https://www.nist.gov/document/draft-taxonomy-ai-risk-october-15-2021>) (October 15, 2021)
- AI Risk Management Framework Request for Information (<https://www.federalregister.gov/documents/2021/07/29/2021-16176/artificial-intelligence-risk-management-framework>) (July 29, 2021)



## News & Updates



**Department of Commerce Announces New Actions to Implement President Biden’s Executive Order on AI** (<https://www.nist.gov/news-events/news/2024/04/department-commerce-announces-new-actions-implement-president-bidens>)

April 29, 2024

Announcements include draft guidance documents, a draft plan for international standards, and a new measurement program opening for public comment.



**NIST Risk Management Framework Aims to Improve Trustworthiness of Artificial Intelligence**

(<https://www.nist.gov/news-events/news/2023/01/nist-risk-management-framework-aims-improve-trustworthiness-artificial>)

January 26, 2023

New guidance seeks to cultivate trust in AI technologies and promote AI innovation while mitigating risk.



## **NIST Seeks Comments on AI Risk Management Framework Guidance, Workshop Date Set**

(<https://www.nist.gov/news-events/news/2022/08/nist-seeks-comments-ai-risk-management-framework-guidance-workshop-date-set>)

August 18, 2022

NIST is seeking comments on a second draft of the NIST Artificial Intelligence Risk Management Framework (AI RMF). The AI RMF is intended for voluntary use in



## **Symposium Focuses on AI and the Economy and the Path for Responsible and Inclusive AI**

(<https://www.nist.gov/news-events/news/2022/04/symposium-focuses-ai-and-economy-and-path-responsible-and-inclusive-ai>)

April 27, 2022

The U.S. Department of Commerce, NIST, FinRegLab, and the Stanford Institute for Human-Centered Artificial Intelligence (HAI) hosted a symposium on "Artificial

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