

## S 4109

National R & D Strategy for Distributed Ledger Technology Act of 2022

**Congress:** 117 (2021–2023, Ended)

**Chamber:** Senate

**Policy Area:** Science, Technology, Communications

**Introduced:** Apr 28, 2022

**Current Status:** Placed on Senate Legislative Calendar under General Orders. Calendar No. 630.

**Latest Action:** Placed on Senate Legislative Calendar under General Orders. Calendar No. 630. (Dec 12, 2022)

**Official Text:** <https://www.congress.gov/bill/117th-congress/senate-bill/4109>

### Sponsor

**Name:** Sen. Wicker, Roger F. [R-MS]

**Party:** Republican • **State:** MS • **Chamber:** Senate

### Cosponsors (5 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Lummis, Cynthia M. [R-WY]	R · WY		Apr 28, 2022
Sen. Blackburn, Marsha [R-TN]	R · TN		May 4, 2022
Sen. Cassidy, Bill [R-LA]	R · LA		May 9, 2022
Sen. Peters, Gary C. [D-MI]	D · MI		May 25, 2022
Sen. Warnock, Raphael G. [D-GA]	D · GA		Dec 20, 2022

### Committee Activity

Committee	Chamber	Activity	Date
Commerce, Science, and Transportation Committee	Senate	Reported By	Dec 12, 2022

### Subjects & Policy Tags

**Policy Area:**

Science, Technology, Communications

### Related Bills

Bill	Relationship	Last Action
117 HR 8065	Related bill	<b>Jun 14, 2022:</b> Referred to the House Committee on Science, Space, and Technology.

## **National R & D Strategy for Distributed Ledger Technology Act of 2022**

This bill provides for a national strategy and research and development regarding technologies related to distributed ledgers (e.g., blockchain or Bitcoin). A distributed ledger is a ledger that is shared across and synchronized between a set of distributed nodes (i.e., devices or processes) in a network that store a complete or partial replica of the ledger and meet other requirements.

The Office of Science and Technology Policy must develop a national strategy for the research and development of distributed ledger technologies and their applications, including applications of public and permissionless distributed ledgers. The office must coordinate with the National Science and Technology Council and other relevant federal agencies, as appropriate, on the strategy. The national strategy shall include

- plans to support public and private sector investment and partnerships in research and technology development for societally beneficial applications of distributed ledger technologies, and
- an identification of additional resources, administrative action, or legislative action recommended to assist with the implementation of such strategy.

The National Science Foundation shall make competitive awards to institutions of higher education or nonprofit organizations (or their consortia) to support research, including interdisciplinary research, on distributed ledger technologies and their applications.

The National Institute of Standards and Technology may carry out an applied research project to study and demonstrate the potential benefits and unique capabilities of distributed ledger technologies.

### **Actions Timeline**

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- **Dec 12, 2022:** Committee on Commerce, Science, and Transportation. Reported by Senator Cantwell with an amendment in the nature of a substitute. Without written report.
- **Dec 12, 2022:** Placed on Senate Legislative Calendar under General Orders. Calendar No. 630.
- **May 25, 2022:** Committee on Commerce, Science, and Transportation. Ordered to be reported with an amendment in the nature of a substitute favorably.
- **Apr 28, 2022:** Introduced in Senate
- **Apr 28, 2022:** Read twice and referred to the Committee on Commerce, Science, and Transportation.