Trustworthy Data Working Group

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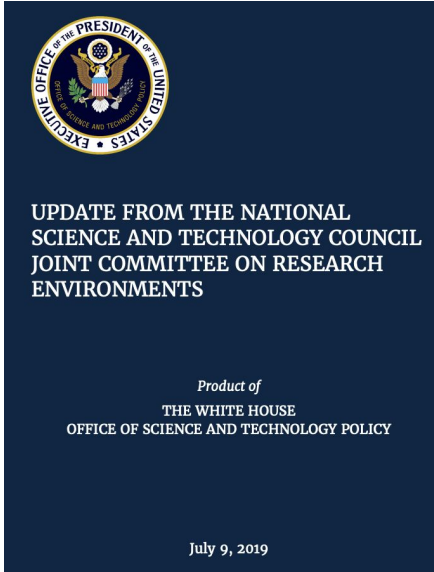https://trustedci.org/trustworthy-data

Mission

The Trustworthy Data Working Group aims to provide guidance on data security for open science, to improve scientific productivity and trust in scientific results. Open science relies on data integrity, collaboration, high performance computing, and scalable tools to achieve results, but currently lacks effective cybersecurity programs that address the trustworthiness of scientific data.

US Science Policy - "Research Environments"

UPDATE FROM THE NATIONAL
SCIENCE AND TECHNOLOGY COUNCIL
JOINT COMMITTEE ON RESEARCH
ENVIRONMENTS

Product of
THE WHITE HOUSE
OFFICE OF SCIENCE AND TECHNOLOGY POLICY

July 9, 2019

https://tinyurl.com/uyzn68w

❖ Emerging federal efforts to secure our national science enterprise
  ➢ National Science and Technology Council Report (July, 2019)
  ➢ OSTP Letter from Dr. Droegemeier (Sept. 2019)

❖ NSF activities include
  ➢ JASON Study (Dec. 2019)
  ➢ Appoints new "Research Security Chief" (March, 2020)

TRUSTED CI
THE NSF CYBERSECURITY
CENTER OF EXCELLENCE

INDIANA GEOLOGICAL
& WATER SURVEY
INDIANA UNIVERSITY

NORTHEAST
BIG DATA
INNOVATION HUB

EPOC

SOUTH
BD HUB

WEST
BIG DATA
INNOVATION
HUB

MIDWEST
BIG DATA
HUB

open storage network

INDIANA UNIVERSITY BLOOMINGTON
OSTROM WORKSHOP

CI CoE PILOT

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Goals

Survey science projects

Understand the spectrum of data security concerns

Understand current data security practices

Produce broadly-applicable security guidance for the data science community

Timeline

January: Launch working group.

February: Prepare survey. 🚧 (in progress)

March: Publish survey.

April: Analyze survey responses.
Submit PEARC20 BOF proposal.

May: Publish survey results. All Hubs Summit.

June: Identify guidance topics.

July: PEARC20. ESIP. Develop guidance.

August: DEFCON. Develop guidance.

September: Publish draft report.
NSF Cybersecurity Summit.

October: Gather input on draft report.
SGCI webinar.

November: Update report. SC20.

December: Publish report. AGU meeting.
Trusted CI webinar.

How you can help

Comment on survey draft

Help solicit survey responses from the broad data science community

Help analyze survey responses

Help produce guidance on data security for open science

Share guidance with broad data science community

Wrap-Up

Any questions?

Visit https://trustedci.org/trustworthy-data for working group email list & more info

Thanks!