

# Assessment of Zero Trust Architecture Implementation at the U.S. National Science Foundation

REPORT PREPARED BY SECURANCE





# At a Glance

Assessment of Zero Trust Architecture Implementation at the  
U.S. National Science Foundation  
OIG 25-09-002 | February 25, 2025

## ASSESSMENT OBJECTIVE

The U.S. National Science Foundation Office of Inspector General engaged Securance to conduct an assessment of zero trust architecture (ZTA) implementation at NSF. The overall objective is to assess NSF's adherence to Office of Management and Budget Memorandum M-22-09 (OMB M-22-09) for its general support system (GSS), including whether NSF has appropriately prioritized ZTA implementation efforts, met the ZTA requirements defined in ZTA maturity model version 2.0, and whether it needs to refocus activities or resources to ensure compliance with OMB M-22-09.

## ASSESSMENT RESULTS

Based on Securance's assessment, NSF's GSS met the requirements of OMB M-22-09 by the end of FY 2024, with the exception of one function. In addition, NSF has appropriately prioritized ZTA implementation and has met the objectives of each of the five pillars.

## RECOMMENDATIONS

Securance made one recommendation in its report.

## AGENCY RESPONSE

NSF agreed with the finding and will incorporate information gained from the assessment as they continue to make improvements in their ZTA program.

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## Contact Us

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