

Assessment of Zero Trust Architecture Implementation at the United States Antarctic Program

REPORT PREPARED BY SECURANCE





At a Glance

Assessment of Zero Trust Architecture Implementation at the
United States Antarctic Program
OIG 25-09-003 | 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's United States Antarctic Program (USAP). The overall objective is to assess USAP's adherence to Office of Management and Budget Memorandum M-22-09 (OMB M-22-09), including whether USAP 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 USAP adhered to the requirements of OMB M-22-09 by the end of FY 2024. In addition, USAP has appropriately prioritized ZTA implementation and has met the objectives of each of the five pillars.

RECOMMENDATIONS

Securance did not make any recommendations.

AGENCY RESPONSE

NSF agreed to incorporate information gained from the assessment as they continue to make improvements in their USAP ZTA program.

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National Defense Authorization Act

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