FISMA QUARTERLY REPORTING UPDATE

FY 2018 OVERVIEW

USAID's information security program was evaluated as part of the FY 2018 annual FISMA audit by the Office of Inspector General (OIG). The audit report highlighted 120 of 135 of the selected NIST 800-53, Revision 4 security controls were properly implemented. This led to the determination of USAID having an overall *effective* information security program.

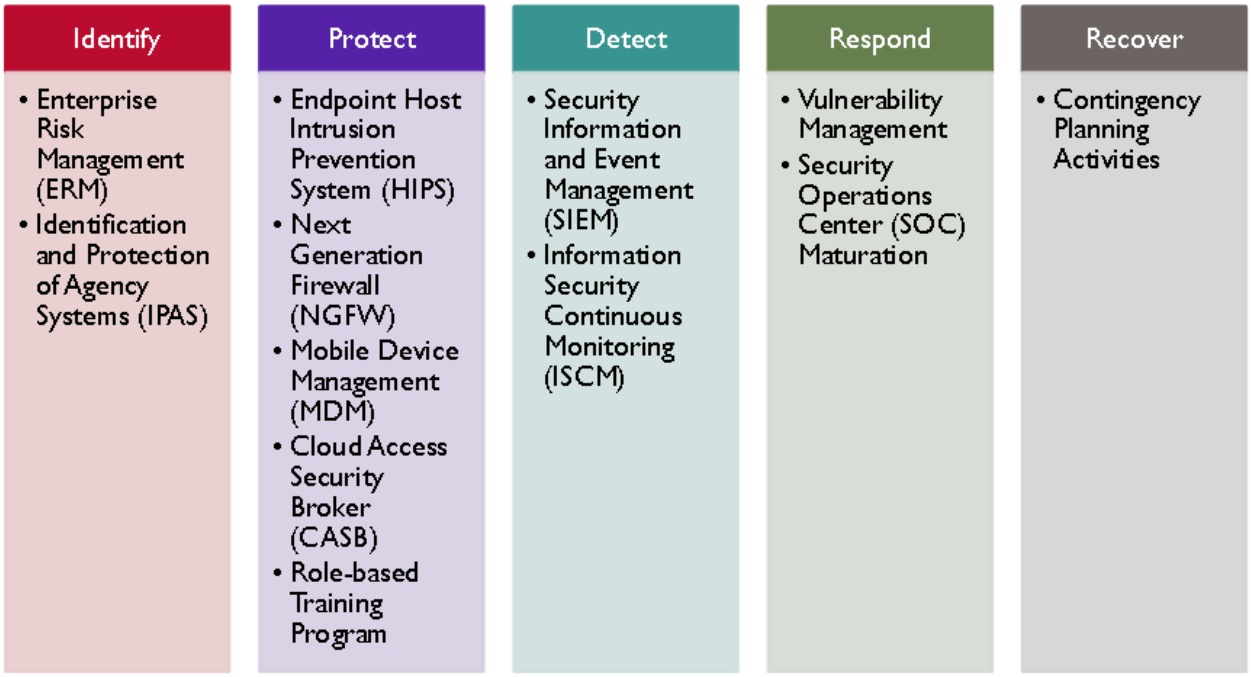
59 total IG metrics were assessed in the FY 2018 FISMA audit on a maturity model spectrum. Each metric corresponds to a specific function (Identify, Protect, Detect, Respond, and Recover) in alignment with the NIST Cybersecurity Framework Version 1.1, and was assigned a Level 1-5 maturity based on the evaluation criteria developed as a collaborative effort amongst Office of Management and Budget (OMB), Department of Homeland Security (DHS), and the Council of the Inspectors General on Integrity and Efficiency (CIGIE). Of the 59 IG metrics assessed, 41 metrics were found to be at a Level 3 or higher, with 16 of those metrics at a Level 4 or Level 5 maturity.

FY 2019 NEXT STEPS

The Agency continues to prioritize its workload in FY 2019 to remediate vulnerabilities, address deficiencies identified by the IG, and comply with emergency directives and memorandums to strengthen the Agency's cybersecurity posture. Early FY 2019 accomplishments include SSL decryption for all outbound traffic implemented across CONUS and OCONUS locations and compliance with ED 19-01 (DNS Infrastructure Hijacking Campaign).

In preparation for the FY 2019 FISMA audit, USAID continues to track IG metric progress to ensure the timely implementation (and subsequent sustainment) of the auditor findings and recommendations. USAID's goal is to reach a Level 4 maturity (minimum) for all core functions, and the Agency has initiated and is currently executing multiple programs and projects to support this objective, as illustrated in Figure 1 below.

Figure 1. FISMA Roadmap Programs, Projects, and Ongoing Initiatives*



**Project completion contingent on the availability of resources (funding and personnel).*

Figure 2 below depicts the target FY 2019 FISMA maturity levels by function in comparison to the actual maturity levels assigned by the auditors following the FY 2017 and 2018 FISMA audits.

Figure 2. FISMA Maturity Levels by Function (FY17/FY18 Actuals and FY19 Target)

FISMA Function	FY17 FISMA Maturity (Actual)	FY18 FISMA Maturity (Actual)	FY19 FISMA Maturity (Target)
Identify	Level 4	Level 5	Level 5
Protect	Level 4	Level 4	Level 4
Detect	Level 2	Level 3	Level 4
Respond	Level 3	Level 4	Level 4
Recover	Level 3	Level 3	Level 4

The Agency will continue to address the action items and reporting requirements identified in the M-19-02[1] in preparation for the annual FY 2019 FISMA audit. The Agency will ensure the timely communication of progress to the IG and key stakeholders.

[1] Reference: https://www.whitehouse.gov/wp-content/uploads/2018/10/M-19-02.pdf