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Web Application Report Background

**Report purpose:** Examine controls to manage and secure the Federal Government’s publicly accessible web applications

**Report scope**
- Based on a previous NASA report
- 9 OIGs fully participated
- 22 additional OIGs responded to survey (data incorporated into report)
- HUD OIG Led

**Report Objectives**
- Outline the project **scope** and **methodology** for conducting web application reviews
- Assess agency efforts to reduce and maintain web applications
- Report the findings and trends of participating agencies to **identify, assess, and mitigate** publicly accessible web application vulnerabilities

**Report Results**
- 7 total recommendations made to OMB
- Report used the FISMA IG Metric maturity model to assess maturity effectiveness
High Level Findings

- 1761 **Critical** and 1565 **High** vulnerabilities found
- Proper inventory of web applications lacking
- Majority of agencies (77%) were found to be at FISMA IG maturity level 1 or 2
- Report publicly posted
  - [www.IGNet.gov](http://www.IGNet.gov)
  - [www.oversight.gov](http://www.oversight.gov)

### Count of vulnerabilities by severity

- Critical: 1761
- High: 1565
- Medium: 2788
- Low: 661

77 percent of agency results were at level 1 or 2 maturity level, resulting in ineffective security processes and procedures.