Federal Cybersecurity: The Start of the Marathon

OMB Cyber and National Security Unit

October 21, 2015
OMB Cyber Vision and Mission

- **Vision**: Reduce the number of cyber incidents where sensitive government information is compromised.

- **Mission**: Strengthen Federal cybersecurity through:
  1) Data-driven, risk-based oversight of agency and government-wide cybersecurity programs;
  2) Issuance and implementation of Federal policies consistent with emerging technologies and evolving cyber threats; and
  3) Oversight of the government-wide response to major cyber incidents and vulnerabilities to ensure appropriate mitigation measures are effectively implemented.
Agenda

- FY 2015 - Year in Review
- Cybersecurity Sprint Highlights
- Cybersecurity Strategy and Implementation Plan (CSIP)
- Upcoming Policies
- Questions
FY 2015 - Year in Review

- OMB Cyber and National Security Unit
- 14 CyberStats in FY 2015
- FISMA 2014
- DHS Binding Operational Directive on Critical Vulnerabilities
- Major Incidents
- Cybersecurity Sprint
- Now What?
Cybersecurity Sprint

• Scan networks for Indicators of Compromise (IOCs)
• Patch critical vulnerabilities without delay
• Tighten policies and practices for privileged users
• Implement Personal Identity Verification (PIV) cards for network access, especially for privileged users
• Identify high value assets and review corresponding security protections
Strong Authentication

Source: Agency reported information
Cybersecurity Strategy and Implementation Plan (CSIP)

- **Prioritized Identification** and **Protection** of high-value information and assets
- **Timely Detection** and **Rapid Response** to cyber threats
- **Rapid Recovery** from incidents when they occur and accelerated adoption of lessons learned from these events
- **Recruitment** and **Retention** of the most highly-qualified cybersecurity workforce talent the Federal government can bring to bear
- **Efficient and Effective Acquisition** and **Deployment** of **Existing** and **Emerging Technology**
Upcoming Policies

- Cybersecurity Strategy and Implementation Plan (CSIP)
- FY 2016 FISMA Guidance
- Improving Cybersecurity Protections in Federal Acquisitions
- Circular A-130
Questions?