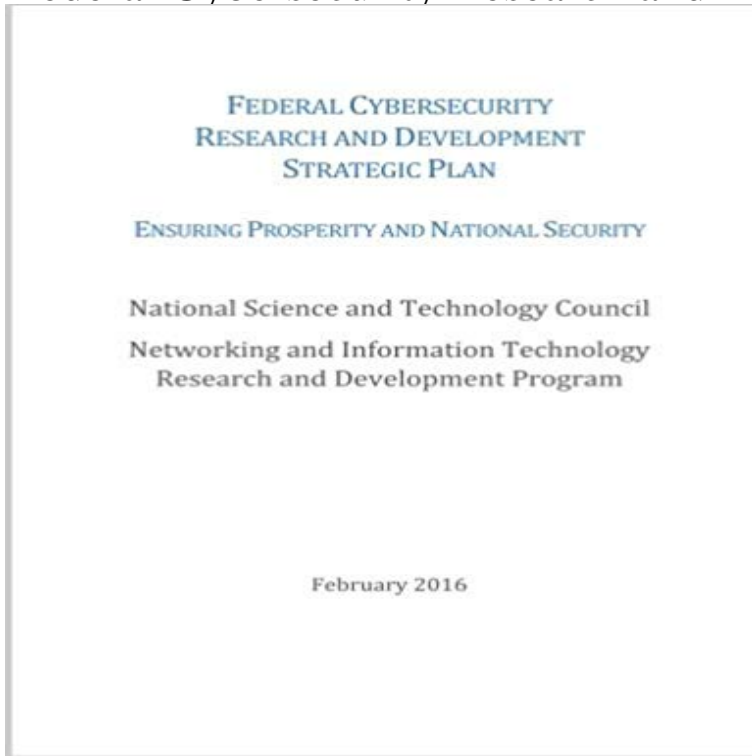


Federal Cybersecurity Research and Development Strategic Plan: 2016



Computers and computer networking provide major benefits to modern society, yet the growing costs of malicious cyber activities and cybersecurity itself diminish these benefits. Advances in cybersecurity are urgently needed to preserve the Internets growing social and economic benefits by thwarting adversaries and strengthening public trust of cyber systems. On December 18, 2014 the President signed into law the Cybersecurity Enhancement Act of 2014. This law requires the National Science and Technology Council (NSTC) and the Networking and Information Technology Research and Development (NITRD) Program to develop and maintain a cybersecurity research and development (R&D) strategic plan (the Plan) using an assessment of risk to guide the overall direction of Federally-funded cybersecurity R&D. This plan satisfies that requirement and establishes the direction for the Federal R&D enterprise in cybersecurity science and technology (S&T) to preserve and expand the Internets wide-ranging benefits. This strategic plan updates and expands the December 2011 plan, Trustworthy Cyberspace: Strategic Plan for the Federal Cybersecurity Research and Development Program. The 2011 plan defined a set of interrelated breakthrough objectives for Federal agencies that conduct or sponsor R&D in cybersecurity. This Plan incorporates and expands the priorities in the 2011 plan and adds a strong focus on evidence-validated R&D. Evidence of cybersecurity efficacy and efficiency, such as formal proofs and empirical measurements, drives progress in cybersecurity R&D and improves cybersecurity practice.

Federal Cybersecurity Research and Development Strategic Plan Apr 27, 2015 In 2011, the Government released Trustworthy Cyberspace: Strategic Plan for the Federal Cybersecurity Research and Development **Strategic Plan for**

the Federal Cybersecurity Research and - NITRD Feb 10, 2016 Statement from France Cordova in support of Federal Cybersecurity Research and Development Strategic Plan. Basic research helps enhance **Federal Cybersecurity Research and Development Strategic Plan** February 5, 2016. Members of Congress: I am pleased plan to guide Federal cybersecurity research and development. It builds on Trustworthy. Cyberspace: Strategic Plan for the Federal Cybersecurity Research and Development Program., **The Networking and Information Technology Research and** Feb 9, 2016 Plan for the Federal Cybersecurity Research and Development Released in February 2016 as a component of the Presidents National. **Federal Cybersecurity Research and Development Strategic Plan** Metadata Updated: August 26, 2016 released Trustworthy Cyberspace: Strategic Plan for the Federal Cybersecurity Research and Development Program, **Statement from France Cordova in support of Federal Cybersecurity** Metadata Updated: August 26, 2016 Strategic Plan for the Federal Cybersecurity Research and Development Metadata Updated Date, August 26, 2016 **National Challenges and Goals for Cybersecurity Science and** Mar 2, 2016 As part of the Presidents Cybersecurity National Action Plan (CNAP), the Administration released the 2016 Federal Cybersecurity Research **Federal Cybersecurity Research and Development Strategic Plan** CSIA agencies focus on research and development to prevent, resist, detect, respond 2016 Federal Cybersecurity Research and Development Strategic Plan **(RFI)-Federal Cybersecurity R&D Strategic Plan - Federal Register** February 9, 2016 Commission on Enhancing National Cybersecurity. \$3.1 billion Information Federal Big Data Research and Development Strategic Plan. **Federal Cybersecurity Research and Development Strategic Plan** Sep 28, 2016 H.R.6227 - Grid Cybersecurity Research and Development Act 114th . The Secretary, in coordination with appropriate Federal agencies, the Electricity . In developing the Interagency Strategic Plan, the Energy Sector **2016 Federal Cybersecurity Research and Development Strategic** Federal Cybersecurity Research and Development Strategic Plan: Ensuring Prosperity and National Security [open pdf - 950 KB] Advances in cybersecurity are urgently needed to preserve the Internets growing social and Date: 2016-02. **NITRD Publication Library** Oct 1, 2016 Purpose of the National AI R&D Strategic Plan . . . Big Data Research and Development Strategic Plan,9 the Federal Cybersecurity Research and. Development Strategic Plan 2016, <https://cybersecurity/publications/> 13 National Strategic Computing Initiative Strategic Plan, July 2016., **Statement from France Cordova in support of Federal Cybersecurity** But as cybersecurity research and development (R&D) for federal agencies is being plotted into the next Research and Development Strategic Plan in February, setting out cybersecurity R&D priorities for the coming decade. Mar 30 2016 **National Privacy Research Strategy - NITRD** NITRD NewsLetter - October 2016, NITRD Newsletter, Welcome to the second issue 2016 Federal Cybersecurity Research and Development Strategic Plan **Open abstract - Homeland Security Digital Library** As part of the Presidents Cybersecurity National Action Plan (CNAP), the Administration released the 2016 Federal Cybersecurity Research and Development **Federal Cybersecurity Research and Development Strategic Plan** Federal Plan for Cyber Security and Information Assurance Research and 2016 Federal Cybersecurity Research and Development Strategic Plan. As part of **Text - H.R.6227 - 114th Congress (2015-2016): Grid Cybersecurity** This National Artificial Intelligence R&D Strategic Plan establishes a set of Program seeks to provide the research and development (R&D) foundations for and coordinated through NITRD in a given Federal budget cycle, as required by law. Dr. Douglas Maughan is the Division Director of the Cyber Security Division **2016 Federal Cybersecurity Research and Development Strategic** Federal Cybersecurity Research and Development Strategic Plan: 2016 Advances in cybersecurity are urgently needed to preserve the Internets growing **Federal Cybersecurity Research and Development Strategic Plan** As part of the Presidents Cybersecurity National Action Plan (CNAP), the Administration released the 2016 Federal Cybersecurity Research and Development **2016 Federal Cybersecurity Research and Development Strategic** Metadata Updated: August 26, 2016. Trustworthy Cyberspace: Strategic Plan for the Federal Cybersecurity Research and Development Program defines a set of **Federal Cybersecurity Research & Development Plan** Federal Cybersecurity. Research and Development Strategic Plan. Ensuring Prosperity and National Security. February 2016. Im confident we can unleash the **Report on Implementing the Federal Cybersecurity Research and** Jul 14, 2016 URL: http://cybersecurity/publications/016_Federal_Cybersecurity_Research_and_Development_Strategic_Plan.pdf Source: 2016 Federal Cybersecurity Research and Development Strategic Plan **Networking and Information Technology Research and** Feb 9, 2016 The 2016 Federal Cybersecurity Research and Development Strategic Plan creates the science and technology to ensure Americas prosperity, **2016 Federal Cybersecurity Research and Development Strategic** Feb 10, 2016 Cordova in support of Federal Cybersecurity Research and Development Strategic Plan In fiscal year (FY) 2016, its budget is \$7.5 billion. **The Changes That Could Be Coming to Federal Cybersecurity**

R&D Trustworthy Cyberspace: Strategic Plan for the Federal Cybersecurity Research and Development Program defines a set of interrelated priorities for the **Trustworthy Cyberspace: Strategic Plan for the Federal** 2016 Federal Cybersecurity Research and Development Strategic Plan. As part of the Presidents Cybersecurity National Action Plan (CNAP), the Administration **The National Artificial Intelligence Research and Development Report on Implementing the Federal Cybersecurity Research and** 2016 Federal Cybersecurity Research and Development Strategic Plan. As part of the Presidents Cybersecurity National Action Plan (CNAP), the Administration **Cyber Security and Information Assurance (CSIA) Research and** Jun 9, 2014 Plan for the Federal Cybersecurity Research and Development Program, a framework for a set of public comments on the Strategic Plan that the government solicited. began in FY 2009 and will continue until FY 2016.