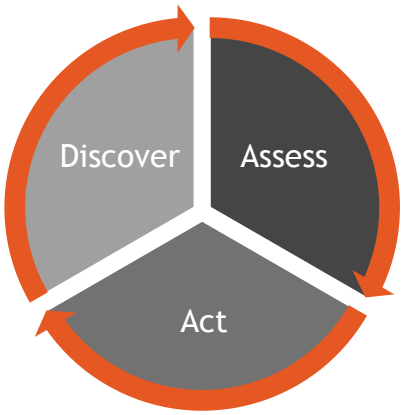
Rapid7 Continuous Monitoring Solutions

Continuous monitoring is a core practice in any comprehensive cyber security program, especially for federal agencies and government contractors. The Office of Management and Budget requires all federal agencies to report on the status of their information systems in near real-time as a way to reduce overall risk and ongoing situational awareness, a concept it calls continuous monitoring. The National Institute of Standards and Technology (NIST) special publication 800-137 describes continuous monitoring as a key component of a comprehensive security plan: One that shifts the emphasis from reactive security to a more automated and proactive model.

By continuously monitoring your information systems, you will:

- Gain near real-time visibility into your physical and virtual assets
- Understand threats in your environment, including found vulnerabilities and misconfigurations
- Comply with FISMA through automated asset, configuration, and vulnerability management and assess any planned or unplanned changes that occur in your information systems
- Automate FISMA reporting requirements—send crucial data directly and compatibly to CyberScope



A continuous monitoring program satisfies the FISMA requirement for frequent security control assessments, as the U.S. government requires that federal agencies are aware of any changes to their systems as they happen.

Both Nexpose and Metasploit provide the capabilities that federal agencies need in order to go beyond baseline assessments and get near real-time, actionable information about their security programs. Rapid7's Nexpose and Metasploit work together to help you:

- Discover assets and threats
- Assess your security posture
- Act by patching or implementing mitigating controls

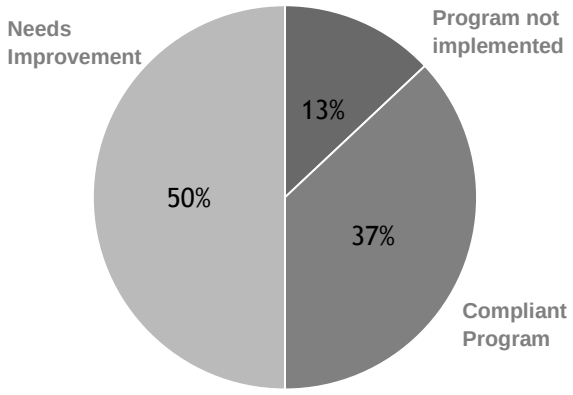
Why Implement a Continuous Monitoring Program?

By building out a continuous monitoring regimen, you will be able to exercise near real-time control over your assets, configurations, and vulnerabilities – and report back to the Federal government about their status. Moving away from more traditional ad-hoc assessments and towards more automated protocols means you stand to improve compliance with Federal regulations like FISMA and reporting protocols like CyberScope.

Continuous monitoring encompasses three of 16 FISMA capabilities: Automated Asset Management, Automated Configuration Management, Automated Vulnerability Management.

According to the OMB FY 2011 Report to Congress, only 37% of federal agencies had implemented FISMA-compliant continuous monitoring. With 63% of agencies still without some or all continuous monitoring capabilities, there's a way to go until 100% of federal agencies are just simply compliant—and it's an even longer road to better agency security overall.

Continuous Monitoring Implementation by Federal Agencies



According to the OMB, in FY 2011 only 37% of federal agencies implemented FISMA-compliant automated continuous monitoring.

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How does Rapid7 help continuously monitor my information systems?

Both Nexpose and Metasploit provide the capabilities federal agencies need to go beyond baseline assessments and get near real-time, actionable information about their security programs. Nexpose and Metasploit work together to help you discover threats, assess your security posture, and act accordingly:

Discover

- Use Nexpose to automate discovery and scanning of all your physical and virtual assets. While scanning your infrastructure, check for misconfigurations and compliance with FISMA requirements, such as NIST 800-53 rev.4 and NIST SP 800-137 guidelines.

Assess

- Complete a security assessment of discovered vulnerabilities, misconfigurations, and malware.
- Flag any assets that are not configured in compliance with regulations such as FDCC and USGCB.
- Prioritize issues that need urgent attention based on a number of criteria to choose from, including available Metasploit exploits, Real Risk score, and CVE scores.

Act

- Generate reports within Nexpose whenever you need them: Set a schedule or run them ad-hoc. Set up automated CyberScope reports in Nexpose—which is SCAP validated—to make compliance with FISMA quick and painless.
- Get real-time validation of real threats with Rapid7's Metasploit, which seamlessly integrates with Nexpose to give you valuable context about the status of your security programs.

Contact us today about how you can build a better security foundation with continuous monitoring and risk assessment.

Gain Greater Insight with Real Risk™

"Understanding risk across virtual and physical environments can quickly become a daunting task if a complete view of assets and related exposures most vulnerable to an attack are not readily available. Companies have long needed a way to make smarter choices when managing their infrastructure and vendors like Rapid7 are helping to provide insight into actual and validated risks."

the 451 group

About Rapid7

Rapid7 is a leading provider of IT security risk management software. Its integrated vulnerability management and penetration testing products, Nexpose and Metasploit, and mobile risk management solution, Mobilisafe, enable defenders to gain contextual visibility and manage the risk associated with the IT infrastructure, users and threats relevant to their organization. Rapid7's simple and innovative solutions are used by more than 2,000 enterprises and government agencies in more than 65 countries, while the Company's free products are downloaded more than one million times per year and enhanced by more than 175,000 members of its open source security community. Rapid7 has been recognized as one of the fastest growing security companies by Inc. Magazine and as a "Top Place to Work" by the Boston Globe. Its products are top rated by Gartner®, Forrester® and *SC Magazine*. The Company is backed by Bain Capital Ventures and Technology Crossover Ventures. For more information about Rapid7, please visit http://www.rapid7.com.

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