

# The In-House Perspective on Managing Cybersecurity

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## The Panel

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# Topics

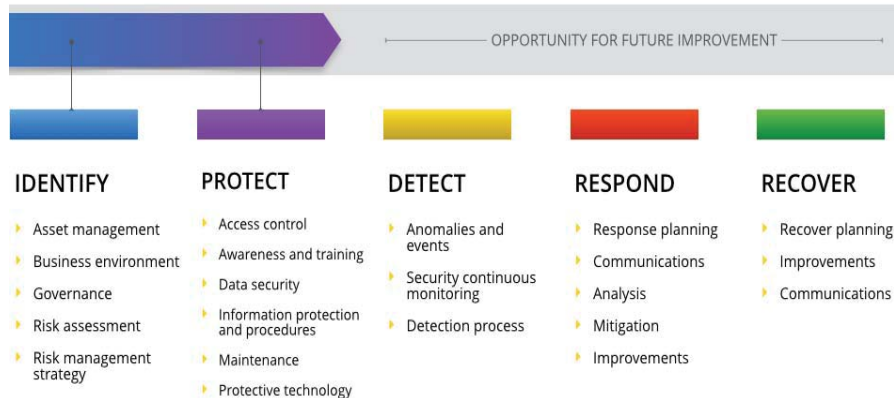
1. Standards and Guidelines
2. NIST Cybersecurity Framework Core
3. Vendor Management
4. Privilege In Cyber Investigations
5. Pro Tips
6. Audience Q&A

## Standards and Guidelines

- Managing cybersecurity begins with an understanding of information technology standards and guidelines
- NIST – National Institute of Standards and Technology
  - Provides comprehensive standards and guidelines for information technology
- SANS – SANS Institute
  - Provides additional standards and is the largest group of cybersecurity professionals offering training
- Each industry may have unique legal requirements for information security.
  - HIPAA
  - PCI DSS
  - Dodd-Frank
  - CPNI



# NIST Cybersecurity Framework Core



Source: National Institute of Standards and Technology

# NIST Core Functions & Activities

Function Unique Identifier	Function	Category Unique Identifier	Category
ID	Identify	ID.AM	Asset Management
		ID.BE	Business Environment
		ID.GV	Governance
		ID.RA	Risk Assessment
		ID.RM	Risk Management Strategy
PR	Protect	PR.AC	Access Control
		PR.AT	Awareness and Training
		PR.DS	Data Security
		PR.IP	Information Protection Processes and Procedures
		PR.MA	Maintenance
DE	Detect	PR.PT	Protective Technology
		DE.AE	Anomalies and Events
		DE.CM	Security Continuous Monitoring
		DE.DP	Detection Processes
		RS.RP	Response Planning
RS	Respond	RS.CO	Communications
		RS.AN	Analysis
		RS.MI	Mitigation
		RS.IM	Improvements
		RC.RP	Recovery Planning
RC	Recover	RC.IM	Improvements
		RC.CO	Communications

Source: National Institute of Standards and Technology



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