Function	Category	Subcategory	Informative References	Suggested Additional References
	Asset Management (AM): The personnel, devices, systems, and	ID.AM-1 : Physical devices and systems within the organization are inventoried	• ISA 99.02.01 4.2.3.4 • COBIT BAI03.04, BAI09.01, BAI09, BAI09.05 • ISO/IEC 27001 A.7.1.1, A.7.1.2 • NIST SP 800-53 Rev. 4 CM-8 • CCS CSC1	
		ID.AM-2: Software platforms and applications within the organization are inventoried	• ISA 99.02.01 4.2.3.4 • COBIT BAI03.04, BAI09.01, BAI09, BAI09.05 • ISO/IEC 27001 A.7.1.1, A.7.1.2 • NIST SP 800-53 Rev. 4 CM-8 • CCS CSC 2	CPE (ITU-T X.1528 Common Platform Enumeration)
		ID.AM-3: The organizational communication and data flow is mapped	• ISA 99.02.01 4.2.3.4 • COBIT DSS05.02 • ISO/IEC 27001 A.7.1.1 • NIST SP 800-53 Rev. 4 CA-3, CM-8, CA-9 • CCS CSC 1	
		ID.AM-4: External information systems are mapped and catalogued	• NIST SP 500-291 3, 4 • NIST SP 800-53 Rev. 4 AC-20, SA-9	
		ID.AM-5: Resources are prioritized based on the classification / criticality / business value of hardware, devices, data, and software		
		ID.AM-6: Workforce roles and responsibilities for business functions, including cybersecurity, are established	• ISA 99.02.01 4.3.2.3.3 • COBIT APO01.02, BAI01.12, DSS06.03 • ISO/IEC 27001 A.8.1.1 • NIST SP 800-53 Rev. 4 CP-2, PM-11 • NIST SP 800-34 Rev 1	
		ID.BE-1: The organization's role in the supply chain and is identified and communicated	• COBIT APO08.01, APO08.02, APO08.03, APO08.04, APO08.05, APO10.03, DSS01.02 • ISO/IEC 27001 A.10.2 • NIST SP 800-53 Rev. 4 CP-2	

	organization's mission, objectives, stakeholders, and activities are		NIST SF 800-55 Rev. 4 FWI-8	
	authors counity roles, responsibilities	ID.BE-3: Priorities for organizational mission, objectives, and activities are established	• ISA 99.02.01 4.2.2.1, 4.2.3.6 • COBIT APO02.01, APO02.06, APO03.01 • NIST SP 800-53 Rev. 4 PM-11	
		ID.BE-4 : Dependencies and critical functions for delivery of critical services are established	• COBIT DSS01.03 • ISO/IEC 27001 9.2.2 • NIST SP 800-53 Rev 4 CP-8, PE-9, PE-10, PE-11, PE-12, PE-14, PM-8	
IDENTIFY		ID.BE-5 : Resilience requirements to support delivery of critical services are established	• NIST SP 800-53 Rev. 4 CP-2, SA-14	
(ID)	Governance (GV): The policies, procedures, and processes to manage and monitor the organization's regulatory, legal, risk, environmental, and operational requirements are understood and inform the management of cybersecurity risk.	ID.GV-1: Organizational information security policy is established	 ISA 99.02.01 4.3.2.6 COBIT APO01.03, EA01.01 ISO/IEC 27001 A.6.1.1 NIST SP 800-53 Rev. 4 -1 controls from all families (except PM-1) 	
		ID.GV-2: Information security roles & responsibility are coordinated and aligned	• ISA 99.02.01 4.3.2.3.3 • ISO/IEC 27001 A.6.1.3 • NIST SP 800-53 Rev. 4 AC-21, PM- 1, PS-7	
		ID.GV-3: Legal and regulatory requirements regarding cybersecurity, including privacy and civil liberties obligations, are understood and managed	 ISA 99.02.01 4.4.3.7 COBIT MEA03.01, MEA03.04 ISO/IEC 27001 A.15.1.1 NIST SP 800-53 Rev. 4 -1 controls from all families (except PM-1) 	
		ID.GV-4: Governance and risk management processes address cybersecurity risks	• NIST SP 800-53 Rev. 4 PM-9, PM- 11	
		ID.RA-1: Asset vulnerabilities are identified and documented	• ISO/IEC 27001 A.6.2.1, A.6.2.2,	CVE (ITU-T X.1520 Common Vulnerabilities and Exposures)

organization understands the cybersecurity risk to organizational operations (including mission, functions, image, or reputation),	ID.RA-2: Threat and vulnerability information is received from information sharing forums and sources.	• ISA 99.02.01 4.2.3, 4.2.3.9, 4.2.3.12 • ISO/IEC 27001 A.13.1.2 • NIST SP 800-53 Rev. 4 PM-15, PM- 16, SI-5	CAPEC (ITU-T X.1544 - - Common Attack Pattern Enumeration and Classification)
organizational assets, and individuals.	ID.RA-3: Threats to organizational assets are identified and documented	 ISA 99.02.01 4.2.3, 4.2.3.9, 4.2.3.12 COBIT APO12.01, APO12.02, APO12.03, APO12.04 NIST SP 800-53 Rev. 4 RA-3, SI-5, PM-16 	CAPEC (ITU-T X.1544 - - Common Attack Pattern Enumeration and Classification)
	ID.RA-4: Potential impacts are analyzed	• ISA 99.02.01 4.2.3, 4.2.3.9, 4.2.3.12 • NIST SP 800-53 Rev. 4 RA-3	CVSS (ITU-T X.1521 Common Vulnerability Scoring System)
	ID.RA-5 : Risk responses are identified.	• NIST SP 800-53 Rev. 4 PM-9	
	ID.RM-1: Risk management processes are managed and agreed to	• ISA 99.02.01 4.3.4.2 • COBIT APO12.04, APO12.05, APO13.02, BAI02.03, BAI04.02 • NIST SP 800-53 Rev. 4 PM-9 • NIST SP 800-39	
Risk Management Strategy (RM): The organization's priorities, constraints, risk tolerances, and assumptions are established and used to support operational risk decisions.	ID.RM-2: Organizational risk tolerance is determined and clearly expressed	 • ISA 99.02.01 4.3.2.6.5 • COBIT APO10.04, APO10.05, APO12.06 • NIST SP 800-53 Rev. 4 PM-9 • NIST SP 800-39 	
	ID.RM-3: The organization's determination of risk tolerance is informed by their role in critical infrastructure and sector specific risk analysis	• NIST SP 800-53 Rev. 4 PM-8, PM-9, PM-11	
	PR.AC-1: Identities and credentials are managed for authorized devices and users	• ISA 99.02.01 4.3.3.5.1 • COBIT DSS05.04, DSS06.03 • ISO/IEC 27001 A.11 • NIST SP 800-53 Rev. 4 AC-2, AC-5, AC-6, IA Family • CCS CSC 16	
Access Control (AC): Access to information resources and associated	PR.AC-2: Physical access to resources is managed and secured	• ISA 99.02.01 4.3.3.3.2, 4.3.3.3.8 • COBIT DSS01.04, DSS05.05 • ISO/IEC 27001 A.9.1, A.9.2, A.11.4, A.11.6 • NIST SP 800-53 Rev 4 PE-2, PE-3, PE-4, PE-6, PE-9	

processes or de information syst	nited to authorized users, evices (including other tems), and to authorized and transactions.	PR.AC-3: Remote access is managed	• ISA 99.02.01 4.3.3.6.6 • COBIT APO13.01, DSS01.04, DSS05.03 • ISO/IEC 27001 A.11.4, A.11.7 • NIST SP 800-53 Rev. 4 AC 17, AC- 19, AC-20
		PR.AC-4: Access permissions are managed	• ISA 99.02.01 4.3.3.7.3 • ISO/IEC 27001 A.11.1.1 • NIST SP 800-53 Rev. 4 AC-3, AC-4, AC-6, AC-16 • CCS CSC 12, 15
		PR.AC-5: Network integrity is protected	• ISA 99.02.01 4.3.3.4 • ISO/IEC 27001 A.10.1.4, A.11.4.5 • NIST SP 800-53 Rev 4 AC-4
		PR.AT-1: General users are informed and trained	• ISA 99.02.01 4.3.2.4.2 • COBIT APO07.03, BAI05.07 • ISO/IEC 27001 A.8.2.2 • NIST SP 800-53 Rev. 4 AT-2 • CCS CSC 9
	Awareness and Training (AT): The organization's personnel and partners are adequately trained to perform their information security-related duties and responsibilities consistent with related policies, procedures, and agreements.	PR.AT-2: Privileged users understand roles & responsibilities	• ISA 99.02.01 4.3.2.4.2, 4.3.2.4.3 • COBIT APO07.02 • ISO/IEC 27001 A.8.2.2 • NIST SP 800-53 Rev. 4 AT-3 • CCS CSC 9
organization's are adequately information sec responsibilities		PR.AT-3: Third-party stakeholders (suppliers, customers, partners) understand roles & responsibilities	• ISA 99.02.01 4.3.2.4.2 • COBIT APO07.03, APO10.04, APO10.05 • ISO/IEC 27001 A.8.2.2 • NIST SP 800-53 Rev. 4 AT-3 • CCS CSC 9
		PR.AT-4: Senior executives understand roles & responsibilities	• ISA 99.02.01 4.3.2.4.2 • COBIT APO07.03 • ISO/IEC 27001 A.8.2.2 • NIST SP 800-53 Rev. 4 AT-3 • CCS CSC 9
		PR.AT-5: Physical and information security personnel understand roles & responsibilities	• ISA 99.02.01 4.3.2.4.2 • COBIT APO07.03 • ISO/IEC 27001 A.8.2.2 • NIST SP 800-53 Rev. 4 AT-3 • CCS CSC 9

		PR.DS-1: Data-at-rest is protected	• COBIT APO01.06, BAI02.01, BAI06.01, DSS06.06 • ISO/IEC 27001 A.15.1.3, A.15.1.4 • CCS CSC 17 • NIST SP 800-53 Rev 4 SC-28
	PR.DS-2: Data-in-motion is secured	• COBIT APO01.06, BAI02.01, BAI06.01, DSS06.06 • ISO/IEC 27001 A.10.8.3 • NIST SP 800-53 Rev. 4 SC-8 • CCS CSC 17	
		PR.DS-3: Assets are formally managed throughout removal, transfers, and disposition	 COBIT BAI09.03 ISO/IEC 27001 A.9.2.7, A.10.7.2 NIST SP 800-53 Rev 4 PE-16, MP-6, DM-2
	Data Security (DS): Information and records (data) are managed consistent	PR.DS-4: Adequate capacity to ensure availability is maintained	• COBIT APO13.01 • ISO/IEC 27001 A.10.3.1 • NIST SP 800-53 Rev 4 CP-2, SC-5
	with the organization's risk strategy to protect the confidentiality, integrity, and availability of information.	PR.DS-5: There is protection against data leaks	• COBIT APO01.06 • ISO/IEC 27001 A.12.5.4
		PR.DS-6: Intellectual property is protected	• COBIT APO01.03, APO10.02, APO10.04, MEA03.01
		PR.DS-7: Unnecessary assets are eliminated	• COBIT BAI06.01, BAI01.10 • ISO/IEC 27001 A.10.1.3 • NIST SP 800-53 Rev. 4 AC-5, AC-6
PROTECT (PR)		PR.DS-8: Separate testing environments are used in system development	• COBIT BAI07.04 • ISO/IEC 27001 A.10.1.4 • NIST SP 800-53 Rev. 4 CM-2
		PR.DS-9: Privacy of individuals and personally identifiable information (PII) is protected	 COBIT BAI07.04, DSS06.03, MEA03.01 ISO/IEC 27001 A.15.1.3 NIST SP 800-53 Rev 4, Appendix J
		PR.IP-1: A baseline configuration of information technology/operational technology systems is created	 ISA 99.02.01 4.3.4.3.2, 4.3.4.3.3 COBIT BAI10.01, BAI10.02, BAI10.03, BAI10.05 NIST SP 800-53 Rev. 4 CM-2, CM-3, CM-4, CM-5, CM-7, CM-9, SA-10 CCS CSC 3, 10

	PR.IP-2: A System Development Life Cycle to manage systems is implemented	• ISA 99.02.01 4.3.4.3.3 • COBIT APO13.01 • ISO/IEC 27001 A.12.5.5 • NIST SP 800-53 Rev 4 SA-3, SA-4, SA-8, SA-10, SA-11, SA-15, SA-17, PL-8 • CCS CSC 6
	PR.IP-3: Configuration change control processes are in place	 ISA 99.02.01 4.3.4.3.2, 4.3.4.3.3 COBIT BAI06.01, BAI01.06 ISO/IEC 27001 A.10.1.2 NIST SP 800-53 Rev. 4 CM-3, CM-4, SA-10
Information Protection Processes and Procedures (IP): Security policy (that addresses purpose, scope, roles, responsibilities, management commitment, and coordination among	PR.IP-4: Backups of information are managed	 ISA 99.02.01 4.3.4.3.9 COBIT APO13.01 ISO/IEC 27001 A.10.5.1 NIST SP 800-53 Rev. 4 CP-4, CP-6, CP-9
organizational entities), processes, and procedures are maintained and used to manage protection of information systems and assets.	PR.IP-5: Policy and regulations regarding the physical operating environment for organizational assets are met.	• COBIT DSS01.04, DSS05.05 • ISO/IEC 27001 9.1.4 • NIST SP 800-53 Rev. 4 PE-10, PE- 12, PE-13, PE-14, PE-15, PE-18
	PR.IP-6: Information is destroyed according to policy and requirements	 COBIT BAI09.03 ISO/IEC 27001 9.2.6 NIST SP 800-53 Rev 4 MP-6
	PR.IP-7: Protection processes are continuously improved	• COBIT APO11.06, DSS04.05 • NIST SP 800-53 Rev 4 PM-6, CA-2, CA-7, CP-2, IR-8, PL-2
	PR.IP-8: Information sharing occurs with appropriate parties	• ISO/IEC 27001 A.10 • NIST SP 800-53 Rev. 4 AC-21
	PR.IP-9: Response plans (Business Continuity Plan(s), Disaster Recovery Plan(s), Incident Handling Plan(s)) are in place and managed	• COBIT DSS04.03 • ISO/IEC 27001 A.14.1 • NIST SP 800-53 Rev. 4 CP-2, IR-8
	PR.IP-10: Response plans are exercised	• NIST SP 800-53 Rev.4 IR-3
	PR.IP-11: Cybersecurity is included in human resources practices (deprovisioning, personnel screening, etc.)	• COBIT APO07.01, APO07.02, APO07.03, APO07.04, APO07.05 • ISO/IEC 27001 8.2.3, 8.3.1 • NIST SP 800-53 Rev 4 PS Family

Maintenance (MA): Maintenance and repairs of operational and information		• ISO/IEC 27001 A.9.1.1, A.9.2.4, A.10.4.1 • NIST SP 800-53 Rev 4 MA-2, MA-3, MA-5
system components is performed	organizational assets is approved, logged, and performed in a manner that prevents unauthorized access and supports availability requirements for important operational and information systems.	• COBIT 5 • ISO/IEC 27001 A.9.2.4, A.11.4.4 • NIST SP 800-53 Rev 4 MA-4
	PR.PT-1: Audit and log records are stored in accordance with audit policy	• ISA 99.02.01 4.3.3.3.9, 4.3.3.5.8, 4.3.4.4.7, 4.4.2.1, 4.4.2.2, 4.4.2.4 • COBIT APO11.04 • ISO/IEC 27001 A.10.10.1, A.10.10.3, A.10.10.4, A.10.10.5, A.15.3.1 • NIST SP 800-53 Rev. 4 AU Family • CCS CSC 14
Protective Technology (PT): Technical security solutions are managed to ensure the security and resilience of systems and assets, consistent with	PR.PT-2: Removable media are protected according to a specified policy	• NIST SP 800-53 Rev. 4 AC-19, MP- 2, MP-4, MP-5, MP-7
related policies, procedures, and agreements.	PR.PT-3: Access to systems and assets is appropriately controlled	• CCS CSC 6 • COBIT DSS05.02 • NIST SP 800-53 Rev 4 CM-7
	PR.PT-4: Communications networks are secured	• COBIT DSS05.02, APO13.01 • ISO/IEC 27001 10.10.2 • NIST SP 800-53 Rev 4 AC-18 • CCS CSC 7
	PR.PT-5: Specialized systems are protected according to the risk analysis (SCADA, ICS, DLS)	• COBIT APO13.01, • NIST SP 800-53 Rev 4
	DE.AE-1: A baseline of normal operations and procedures is identified and managed	• ISA 99.02.01 4.4.3.3 • COBIT DSS03.01 • NIST SP 800-53 Rev. 4 AC-2, SI-3, SI-4, AT-3, CM-2
Anomalies and Events (AE):	DE.AE-2: Detected events are analyzed to understand attack targets and methods	• NIST SP 800-53 Rev. 4 SI-4, IR-4
Anomalous activity is detected in a timely manner and the potential impact	DE.AE-3: Cybersecurity data are correlated from diverse information sources	• NIST SP 800-53 Rev. 4 SI-4

	of events is understood.	DE.AE-4: Impact of potential cybersecurity events is determined.	• NIST SP 800-53 Rev. 4 IR-4, SI -4 • ISA 99.02.01 4.2.3.10	
		DE.AE-05: Incident alert thresholds are created	• NIST SP 800-53 Rev. 4 IR-4, IR-5, IR-9 • NIST SP 800-61 Rev 2	
		DE.CM-1: The network is monitored to detect potential cybersecurity events	• COBIT DSS05.07 • ISO/IEC 27001 A.10.10.2, A.10.10.4, A.10.10.5 • NIST SP 800-53 Rev. 4 CM-3, CA-7, AC-2, IR-5, SC-5, SI-4 • CCS CSC 14, 16	
		DE.CM-2: The physical environment is monitored to detect potential cybersecurity events	• NIST SP 800-53 Rev. 4 CM-3, CA-7, IR-5, PE-3, PE-6, PE-20	
DETECT (DE)	Security Continuous Monitoring (CM): The information system and assets are monitored to identify cybersecurity events and verify the effectiveness of protective measures.	DE.CM-3: Personnel activity is monitored to detect potential cybersecurity events	• NIST SP 800-53 Rev. 4 AC-2, CM-3, CA-7	
		DE.CM-4: Malicious code is detected	• COBIT DSS05.01 • ISO/IEC 27001 A.10.4.1 • NIST SP 800-53 Rev 4 SI-3 • CCS CSC 5	
		DE.CM-5: Unauthorized mobile code is detected	• ISO/IEC 27001 A.10.4.2 • NIST SP 800-53 Rev 4 SC-18	
		DE.CM-6: External service providers are monitored	• ISO/IEC 27001 A.10.2.2 • NIST SP 800-53 Rev 4 CA-7, PS-7, SI-4, SA-4, SA-9	
		DE.CM-7: Unauthorized resources are monitored	• NIST SP 800-53 Rev. 4 CM-3, CA-7, PE-3, PE-6, PE-20, SI-4	
		DE.CM-8: Vulnerability assessments are performed	• NIST SP 800-53 Rev. 4 CM-3, CA-7, CA-8, RA-5, SA-11, SA-12	OVAL (ITU-T X.1526 Open Vulnerability and Assessment Language)
		DE.DP-1: Roles and responsibilities for detection are well defined to ensure accountability	• ISA 99.02.01 4.4.3.1 • COBIT DSS05.01 • NIST SP 800-53 Rev 4 IR-2, IR-4, IR-8 • CCS CSC 5	

	Detection Processes (DP): Detection processes and procedures are maintained and tested to ensure timely and adequate awareness of anomalous	DE.DP-2: Detection activities comply with all applicable requirements, including those related to privacy and civil liberties	• ISA 99.02.01 4.4.3.2 • NIST SP 800-53 Rev 4 CA-2, CA-7
	events.	DE.DP-3: Detection processes are exercised to ensure readiness	• ISA 99.02.01 4.4.3.2 • NIST SP 800-53 Rev 4 PM-14
		DE.DP-4: Event detection information is communicated to appropriate parties	• NIST SP 800-53 Rev. 4 CP-2, IR-8
		DE.DP-5: Detection processes are continuously improved	 COBIT APO11.06, DSS04.05 NIST SP 800-53 Rev 4 PM-6, CA-2, CA-7, CP-2, IR-8, PL-2
	Response Planning (RP): Detection processes and procedures are maintained and tested to ensure timely and adequate awareness of anomalous events.	RS.PL-1: Response plan is implemented during or after an event.	• ISA 99.02.01 4.3.4.5.1 • NIST SP 800-53 Rev. 4 CP-10, IR-4 • CCS CSC 18
		RS.CO-1: Personnel know their roles and order of operations when a response is needed	• ISO/IEC 27001 A.13.2.1 • ISA 99.02.01 4.3.4.5.2, 4.3.4.5.3, 4.3.4.5.4 • NIST SP 800-53 Rev 4 CP-2, IR-8
		RS.CO-2: Events are reported consistent with established criteria	• ISO/IEC 27001 A.13.1.1, A.13.1.2 • ISA 99.02.01 4.3.4.5.5 • NIST SP 800-53 Rev 4 IR-6, IR-8
	activities are coordinated with internal and external stakeholders, as appropriate, to include external support from federal, state, and local law	RS.CO-3: Detection/response information, such as breach reporting requirements, is shared consistent with response plans, including those related to privacy and civil liberties	• ISO/IEC 27001 A.10
	enforcement agencies.	RS.CO-4: Coordination with stakeholders occurs consistent with response plans, including those related to privacy and civil liberties	• ISO/IEC 27001 A.8.1.1, A.6.1.2, A.6.1.6, A.10.8.2 • NIST SP 800-53 Rev. 4 CP-2, IR-8
RESPOND (RS)		RS.CO-5: Voluntary coordination occurs with external stakeholders (ex, business partners, information sharing and analysis centers, customers)	• NIST SP 800-53 Rev. 4 PM-15, SI-5
		RS.AN-1: Notifications from the detection system are investigated	• ISO/IEC 27001 A.6.2.1 • NIST SP 800-53 Rev. 4 IR-4, IR-5, PE-6, SI-4, AU-13

	Analysis (AN): Analysis is conducted	RS.AN-2: Understand the impact of the incident	• ISO/IEC 27001 A.6.2.1 • NIST SP 800-53 Rev. 4 CP-10, IR-4
	to ensure adequate response and support recovery activities.	RS.AN-3: Forensics are performed	• ISO/IEC 27001 A.13.2.2, A.13.2.3 • NIST SP 800-53 Rev. 4 IR-4
		RS.AN-4: Incidents are classified consistent with response plans	• ISO/IEC 27001 A.13.2.2 • ISA 99.02.01 4.3.4.5.6 • NIST SP 800-53 Rev. 4 IR-4
	Mitigation (MI): Activities are performed to prevent expansion of an event, mitigate its effects, and eradicate	RS.MI-1: Incidents are contained	• ISO/IEC 27001 A.3.6, A.13.2.3 • ISA 99.02.01 4.3.4.5.6 • NIST SP 800-53 Rev. 4 IR-4
	the incident.	RS.MI-2: Incidents are eradicated	• ISA 99.02.01 4.3.4.5.6, 4.3.4.5.10 • NIST SP 800-53 Rev. 4 IR-4
	Improvements (IM): Organizational response activities are improved by incorporating lessons learned from	RS.IM-1: Response plans incorporate lessons learned	• ISO/IEC 27001 A.13.2.2 • ISA 99.02.01 4.3.4.5.10, 4.4.3.4 • NIST SP 800-53 Rev. 4 CP-2, IR-8
	current and previous detection/response activities.	RS.IM-2: Response strategies are updated	• NIST SP 800-53 Rev. 4 CP-2, IR-8
	Recovery Planning (RP): Recovery processes and procedures are maintained and tested to ensure timely restoration of systems or assets affected by cybersecurity events.		• COBIT DSS02.05, DSS03.04 • ISO/IEC 27001 A.14.1.3, A.14.1.4, A.14.1.5 • NIST SP 800-53 Rev. 4 CP-10, CP-2 • CCS CSC 8
RECOVER (RC)	Improvements (IM): Recovery planning and processes are improved by incorporating lessons learned into	RC.IM-1: Plans are updated with lessons learned	• ISA 99.02.01 4.4.3.4 • COBIT BAI05.07 • ISO/IEC 27001 13.2.2 • NIST SP 800-53 Rev. 4 CP-2
	future activities.	RC.IM-2: Recovery strategy is updated	• COBIT APO05.04, BAI07.08 • NIST SP 800-53 Rev. 4 CP-2
	activities are coordinated with internal	RC.CO-1: Public Relations are managed	• COBIT MEA03.02 • NIST SP 800-53 Rev. 4 IR-4, IR-8
	and external parties, such as coordinating centers, Internet Service Providers, owners of attacking systems, victims, other CSIRTs, and vendors	RC.CO-2: Reputation after an event is repaired	• COBIT MEA03.02