

Low / Med / High	Control Name	Procedures #	Target Audience	Applicability	Privacy	Low	Moderate	High	NOC	Low	Moderate	High	UI-SaaS	Level 1	Level 2	Level 3	Level 4	Level 5	AICPA	CERT	CIS CSC	FACTA	FAR	Generally	GLBA	HPAA	ISO	IRS 1075	MA	NERC CIP	NISPOW	NIST CSF	NIST	NIST 800-171A	NIST 800-172	NY DFS	OR 646A	PCI DSS	Secure	UK										
AC-7(4)	Use of alternate authentication factor	N/A	N/A	N/A					x																																									
AC-8	System Use Notification	P-AC-8	Technical Users	Basic		x	x	x		AC-8	AC-8	AC-8	AC-8		AC-2.005	AC-2.005	AC-3.005	AC-3.005									9.4.2	9.3.1.8			8-609		1.1.9	1.1.9(a)							SEA-18									
AC-9	Previous Logon Notification	N/A	N/A	N/A					x																																									
AC-9(1)	unsuccessful logons	N/A	N/A	N/A					x																																									
AC-9(2)	successful and unsuccessful logons	N/A	N/A	N/A					x																																									
AC-9(3)	notification of account changes	N/A	N/A	N/A					x																																									
AC-9(4)	additional logon information	N/A	N/A	N/A					x																																									
AC-10	Concurrent Session Control	P-AC-10	Technical Users	Basic						AC-10	AC-10																																							
AC-11	Device Lock	P-AC-11	Technical Users	Basic						AC-11	AC-11																																							
AC-11(1)	pattern-hiding displays	P-AC-11(1)	Technical Users	Basic						AC-11(1)	AC-11(1)				AC-2.010	AC-2.010	AC-2.010	AC-2.010									164-3100(a)	9.4.2	9.3.1.9			8-609		1.1.10	1.1.10(a)															
AC-12	Session Termination	P-AC-12	Technical Users	Basic						AC-12	AC-12																																							
AC-12(1)	user-initiated logouts	P-AC-12(1)	Technical Users	Enhanced						AC-12(1)																	164-3100(b)	9.4.2	9.3.1.10			8-609		1.1.11	1.1.11(a)															
AC-12(2)	termination message	N/A	N/A	N/A																																														
AC-12(3)	timeout warning message	N/A	N/A	N/A																																														
AC-13	Supervision and Review Access Control (Incorporated into AC-2, AU-6)	N/A	N/A	N/A																																														
AC-14	Permitted Actions without Identification or Authentication	P-AC-14	Technical Users	Basic		x	x	x		AC-14	AC-14	AC-14	AC-14																																					
AC-14(1)	necessary uses (Incorporated into AC-14)	N/A	N/A	N/A																																														
AC-15	Automated Privacy (Incorporated into MP-3)	N/A	N/A	N/A																																														
AC-16	Security and Privacy Attributes	N/A	N/A	N/A																																														
AC-16(1)	dynamic attribute association	N/A	N/A	N/A																																														
AC-16(2)	attribute value changes by authorized individuals	N/A	N/A	N/A																																														
AC-16(3)	maintenance of attribute associations by system	N/A	N/A	N/A																																														
AC-16(4)	association of attributes by authorized individuals	N/A	N/A	N/A																																														
AC-16(5)	attribute displays on objects to be output	N/A	N/A	N/A																																														
AC-16(6)	maintenance of attribute association	N/A	N/A	N/A																																														
AC-16(7)	consistent attribute interpretation	N/A	N/A	N/A																																														
AC-16(8)	association techniques and technologies	N/A	N/A	N/A																																														
AC-16(9)	attribute reassignment – regrading mechanisms	N/A	N/A	N/A																																														
AC-16(10)	attribute configuration by authorized individuals	N/A	N/A	N/A																																														
AC-17	Remote Access	P-AC-17	All Users	Basic		x	x	x		AC-17	AC-17	AC-17	AC-17		AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	AC-3.001	
AC-17(1)	monitoring and control	P-AC-17(1)	All Users	Enhanced						AC-17(1)	AC-17(1)	AC-17(1)	AC-17(1)		AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013	AC-2.013
AC-17(2)	protection of confidentiality and integrity using encryption	P-AC-17(2)	All Users	Enhanced						AC-17(2)	AC-17(2)	AC-17(2)	AC-17(2)		AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014	AC-3.014
AC-17(3)	managed access control points	P-AC-17(3)	All Users	Enhanced						AC-17(3)	AC-17(3)	AC-17(3)	AC-17(3)		AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	AC-2.015	
AC-17(4)	privileged accounts and access	P-AC-17(4)	Management	Basic		x	x	x		AC-17(4)	AC-17(4)	AC-17(4)	AC-17(4)		AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	AC-3.021	
AC-17(5)	monitoring for unauthorized connections (Incorporated into SI-4)	N/A	N/A	N/A																																														
AC-17(6)	protection of mechanism information	N/A	N/A	N/A																																														
AC-17(7)	additional protection for security function access (Incorporated into AC-3.10D)	N/A	N/A	N/A																																														
AC-17(8)	disable nonsecure network protocols (Incorporated into CM-7)	N/A	N/A	N/A																																														

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CA-3(4)	connections to public networks [Moved to SC-7(2B)]	N/A	N/A	N/A																																												
CA-3(5)	restrictions on external system connections [Incorporated into SC-7(5)]	N/A	N/A	N/A																																												
CA-3(6)	transfer authorizations	P-CA-3(6)	Management	Enhanced																																												
CA-3(7)	transitive information exchanges	N/A	N/A	N/A																																												
CA-4	Security Certification [Incorporated into CA-2]	N/A	N/A	N/A																																												
CA-5	Plan of Action and Milestones	P-CA-5	Technical Users	Basic	x	x	x	x		CA-5	CA-5	CA-5	CA-5		CA.2.157 FA.2.156	CA.2.157 FA.2.156	CA.2.157 FA.2.156	CA.2.157 FA.2.156	CC4.1	IRK505.SP1																												
CA-5(1)	automation support for accuracy and currency	N/A	N/A	N/A																																												
CA-6	Authorization	P-CA-6	Management	Basic	x	x	x	x		CA-6	CA-6	CA-6	CA-6													164.308(a)(2) 164.308(a)(6)	14.2.0	9.3.4.5		8.202 8.600																		
CA-6(1)	joint authorization — intra-organization	N/A	N/A	N/A																																												
CA-6(2)	joint authorization — inter-organization	N/A	N/A	N/A																																												
CA-7	Continuous Monitoring	P-CA-7	Management	Basic	x	x	x	x		CA-7	CA-7	CA-7	CA-7		CA.2.157 CA.2.158	CA.2.157 CA.2.158	CA.2.157 CA.2.158	CA.2.157 CA.2.158	CC4.1	MON501.SP1																												
CA-7(1)	independent assessment	P-CA-7(1)	Management	Enhanced																																												
CA-7(2)	types of assessments [Incorporated into CA-2]	N/A	N/A	N/A																																												
CA-7(3)	trend analysis	P-CA-7(3)	Management	Enhanced																																												
CA-7(4)	risk monitoring	P-CA-7(4)	Management	Basic	x	x	x	x																																								
CA-7(5)	consistency analysis	N/A	N/A	N/A																																												
CA-7(6)	automation support for monitoring	N/A	N/A	N/A																																												
CA-8	Penetration Testing	P-CA-8	Management	Enhanced																																												
CA-8(1)	independent penetration testing agent or team	P-CA-8(1)	Management	Enhanced																																												
CA-8(2)	red team exercises	P-CA-8(2)	Management	Enhanced																																												
CA-8(3)	facility penetration testing	N/A	N/A	N/A																																												
CA-9	Internal System Connections	P-CA-9	Technical Users	Enhanced																																												
CA-9(1)	compliance checks	N/A	N/A	N/A																																												
CM-1	Policy and Procedures	P-CM-1	Management	Basic	x	x	x	x		CM-1	CM-1	CM-1	CM-1																																			
CM-2	Baseline Configuration	P-CM-2	Technical Users	Basic	x	x	x	x																																								
CM-2(1)	reviews and updates [Incorporated into CM-2]	N/A	N/A	N/A																																												
CM-2(2)	automation support for accuracy and currency	P-CM-2(2)	Technical Users	Enhanced																																												
CM-2(3)	retention of previous configurations	P-CM-2(3)	Technical Users	Basic	x	x																																										
CM-2(4)	unauthorized software [Incorporated into CM-7]	N/A	N/A	N/A																																												
CM-2(5)	authorized software [Incorporated into CM-7]	N/A	N/A	N/A																																												
CM-2(6)	development and test environments	N/A	N/A	N/A																																												
CM-2(7)	configure systems and components for high-risk areas	P-CM-2(7)	Technical Users	Enhanced																																												
CM-3	Configuration Change Control	P-CM-3	Technical Users	Basic	x	x	x	x																																								
CM-3(1)	automated documentation, notification, and prohibition of changes	P-CM-3(1)	Technical Users	Basic	x	x																																										
CM-3(2)	testing, validation, and documentation of changes	P-CM-3(2)	Technical Users	Basic	x	x																																										
CM-3(3)	automated change implementation	N/A	N/A	N/A																																												
CM-3(4)	security and privacy representatives	P-CM-3(4)	Technical Users	Basic	x	x																																										
CM-3(5)	automated security response	P-CM-3(5)	Technical Users	Enhanced																																												
CM-3(6)	cryptography management	P-CM-3(6)	Technical Users	Enhanced																																												
CM-3(7)	review system changes	N/A	N/A	N/A																																												
CM-3(8)	prevent or restrict configuration changes	P-CM-3(8)	Technical Users	Enhanced																																												
CM-4	Impact Analysis	P-CM-4	Technical Users	Basic	x	x	x	x		CM-4	CM-4	CM-4	CM-4																																			
CM-4(1)	separate test environments	P-CM-4(1)	Technical Users	Enhanced																																												
CM-4(2)	verification of controls	P-CM-																																														