KODE	Uraian	j	Baseline	2	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
		A	CCESS C	ONTROL	S									
AC-1	Access Control Policy and Procedures	х	X	Х	X	Х	х	х	X	Х	Х	Х	Х	X
AC-2	Account Management	Х	X	X	X	х	Х	х	X	х				x
AC-2(1)	account management   automated system account management		X	х	X	х	х	х	х	х				
AC-2(2)	account management   removal of temporary / emergency accounts		x	x	x	x	х	х	x	x				
AC-2(3)	account management   disable inactive accounts		X	Х	X	Х	Х	х	X	Х				
AC-2(4)	account management   automated audit actions		x	x	x	х	x	x	x	х				
AC-2(5)	account management   inactivity logout			Х										х
AC-2(6)	account management   dynamic privilege management													
AC-2(7)	account management   role-based schemes													
AC-2(8)	account management   dynamic account creation				x	х	X	х	x	x	х	х	x	х
AC-2(9)	account management   restrictions on use of shared / group accounts													
AC-2(10)	account management   shared / group account credential termination													
AC-2(11)	account management   usage conditions			X			Х			X			X	
AC-2(12)	account management   account monitoring / atypical usage			X			Х			X			X	
AC-2(13)	account management   disable accounts for high-risk individuals			Х			Х			Х			Х	
AC-3	Access Enforcement	Х	X	Х	X	Х	Х	х	X	Х				
AC-3(1)	access enforcement   restricted access to privileged functions													
AC-3(2)	access enforcement   dual authorization													
AC-3(3)	access enforcement   mandatory access control													
AC-3(4)	access enforcement   discretionary access control				X	х	х	х	х	х				
AC-3(5)	access enforcement   security-relevant information													
AC-3(6)	access enforcement   protection of user and system information	_	orated into and SC-28											
AC-3(7)	access enforcement   role-based access control													
AC-3(8)	access enforcement   revocation of access authorizations													
AC-3(9)	access enforcement   controlled release													
AC-3(10)	access enforcement   audited override of access control mechanisms													
AC-4	Information Flow Enforcement		х	х	X	х	Х	х	Х	х				
AC-4(1)	information flow enforcement   object security attributes													
AC-4(2)	information flow enforcement   processing domains													
AC-4(3)	information flow enforcement   dynamic information flow control													
AC-4(4)	information flow enforcement   content check encrypted information													
AC-4(5)	information flow enforcement   embedded data types													
AC-4(6)	information flow enforcement   metadata													

KODE	Uraian	j	Baseline	2	Ke	erahasia	an	I	ntegrita	as	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
AC-4(7)	information flow enforcement   one-way flow mechanisms													
AC-4(8)	information flow enforcement   security policy filters													
AC-4(9)	information flow enforcement   human reviews													
AC-4(10)	information flow enforcement   enable / disable security policy filters													
AC-4(11)	information flow enforcement   configuration of security policy filters													
AC-4(12)	information flow enforcement   data type identifiers													
AC-4(13)	information flow enforcement   decomposition into policy-relevant subcomponents													
AC-4(14)	information flow enforcement   security policy filter constraints													
AC-4(15)	information flow enforcement   detection of unsanctioned information													
AC-4(16)	information flow enforcement   information transfers on interconnected systems													
AC-4(17)	information flow enforcement   domain authentication													
AC-4(18)	information flow enforcement   security attribute binding													
AC-4(19)	information flow enforcement   validation of metadata													
AC-4(20)	information flow enforcement   approved solutions													
AC-4(21)	information flow enforcement   physical / logical separation of information flows													
AC-4(22)	information flow enforcement   access only													
AC-5	Separation of Duties		х	Х	х	х	х	х	X	Х				
AC-6	Least Privilege		х	х	x	x	x	х	X	х				х
AC-6(1)	least privilege   authorize access to security functions		Х	Х	х	X	Х	х	Х	Х				x
AC-6(2)	least privilege   non-privileged access for nonsecurity functions		х	Х	х	X	Х	х	Х	Х				x
AC-6(3)	least privilege   network access to privileged commands			Х			х			Х				
AC-6(4)	least privilege   separate processing domains													
AC-6(5)	least privilege   privileged accounts		x	Х	x	x	x	x	X	Х				Х
AC-6(6)	least privilege   privileged access by non-organizational users						х			Х				Х
AC-6(7)	least privilege   review of user privileges													
AC-6(8)	least privilege   privilege levels for code execution													
AC-6(9)	least privilege   auditing use of privileged functions		x	Х	x	x	x	x	X	Х				
AC-6(10)	least privilege   prohibit non-privileged users from executing privileged functions		х	x	х	х	x	х	х	x				
AC-7	Unsuccessful Logon Attempts	Х	х	х	х	х	х	х	Х	х	Х	х	х	
AC-7(1)	unsuccessful logon attempts   automatic account lock					х	х		х	х				
AC-7(2)	unsuccessful logon attempts   purge / wipe mobile device													
AC-8	System Use Notification	х	х	х	х	х	х	х	х	х				
AC-9	Previous Logon (Access) Notification								х	х				
AC-9(1)	previous logon notification   unsuccessful logons													

KODE	Uraian		Baseline	e	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
AC-9(2)	previous logon notification   successful / unsuccessful logons													
AC-9(3)	previous logon notification   notification of account changes													
AC-9(4)	previous logon notification   additional logon information													
AC-10	Concurrent Session Control			Х					х	Х		х	Х	
AC-11	Session Lock		х	х	х	х	х	х	х	х				
AC-11(1)	session lock   pattern-hiding displays		X	х	х	х	х							
AC-12	Session Termination		x	х	x	x	х	x	х	х				
AC-12(1)	session termination   user-initiated logouts / message displays													
AC-13	Supervision and Review — Access Control													
AC-14	Permitted Actions without Identification or Authentication	x	x	х	x	x	х	x	x	x				
AC-14(1)	permitted actions without identification or authentication   necessary uses													
AC-15	Automated Marking													
AC-16	Security Attributes													
AC-16(1)	security attributes   dynamic attribute association													
AC-16(2)	security attributes   attribute value changes by authorized individuals													
AC-16(3)	security attributes   maintenance of attribute associations by information system													
AC-16(4)	security attributes   association of attributes by authorized individuals													
AC-16(5)	security attributes   attribute displays for output devices													
AC-16(6)	security attributes   maintenance of attribute association by organization													
AC-16(7)	security attributes   consistent attribute interpretation													
AC-16(8)	security attributes   association techniques / technologies													
AC-16(9)	security attributes   attribute reassignment													
AC-16(10)	security attributes   attribute configuration by authorized individuals													
AC-17	Remote Access	х	х	х	х	х	х	х	х	х				х
AC-17(1)	remote access   automated monitoring / control		х	х	х	х	х	х	х	х				
AC-17(2)	remote access   protection of confidentiality / integrity using encryption		x	х	х	x	х	х	х	х				
AC-17(3)	remote access   managed access control points		х	х	х	х	х	х	х	х				
AC-17(4)	remote access   privileged commands / access		x	х	х	х	х	х	х	х				
AC-17(5)	remote access   monitoring for unauthorized connections	Incorporat	ed into SI-4											
AC-17(6)	remote access   protection of information				х	х	х							х
AC-17(7)	remote access   additional protection for security function access	Incorporat	ed into AC-	.3										
AC-17(8)	remote access   disable nonsecure network protocols	Incorporat	ed into CM-	-7										
AC-17(9)	remote access   disconnect / disable access													

KODE	Uraian		Baseline	2	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
AC-18	Wireless Access	х	х	х	х	х	х	х	х	х				Х
AC-18(1)	wireless access   authentication and encryption		Х	Х	X	Х	х	Х	х	х				
AC-18(2)	wireless access   monitoring unauthorized connections	Incorporat	ed into SI-4											
AC-18(3)	wireless access   disable wireless networking				X	Х	Х	Х	X	х				
AC-18(4)	wireless access   restrict configurations by users			Х										
AC-18(5)	wireless access   antennas / transmission power levels			Х										
AC-19	Access Control for Mobile Devices	х	х	х	х	х	х	х	х	х				
AC-19(1)	access control for mobile devices   use of writable / portable storage devices	Incorporat	ed into MP	-7										
AC-19(2)	access control for mobile devices   use of personally owned portable storage devices	Incorporat	ed into MP	-7										
AC-19(3)	access control for mobile devices   use of portable storage devices with no identifiable owner	Incorporat	ed into MP	-7										
AC-19(4)	access control for mobile devices   restrictions for classified information													
AC-19(5)	access control for mobile devices   full device / container-based encryption		х	х	х	х	х	х	х	x				
AC-20	Use of External Information Systems	X	Х	Х	X	Х	Х	Х	X	х				Х
AC-20(1)	use of external information systems   limits on authorized use		х	Х	х	х	х	х	x	Х				х
AC-20(2)	use of external information systems   portable storage devices		x	Х										
AC-20(3)	use of external information systems   non-organizationally owned systems / components / devices													
AC-20(4)	use of external information systems   network accessible storage devices													
AC-21	Information Sharing		x	х	x	x	х	x	x	х				
AC-21(1)	information sharing   automated decision support													
AC-21(2)	information sharing   information search and retrieval													
AC-22	Publicly Accessible Content	х	x	х	x	x	x							x
AC-23	Data Mining Protection													
AC-24	Access Control Decisions													
AC-24(1)	access control decisions   transmit access authorization information													
AC-24(2)	access control decisions   no user or process identity													
AC-25	Reference Monitor													
	AW	ARENES	S AND T	RAINING	CONTRO	OLS								
AT-1	Security Awareness and Training Policy and Procedures	х	х	х	х	X	х	х	X	х	х	х	X	х
AT-2	Security Awareness Training	х	Х	Х	Х	Х	Х	Х	х	х	х	Х	X	Х
AT-2(1)	security awareness   practical exercises													
AT-2(2)	security awareness   insider threat		х	х										
AT-3	Role-Based Security Training	х	х	х	х	х	х	х	х	х	х	х	X	
AT-3(1)	role-based security training   environmental controls													

KODE	Uraian		Baseline	?	Ke	erahasia	an	I	ntegrita	as	Ke	tersedia	an	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
AT-3(2)	role-based security training   physical security controls													
AT-3(3)	role-based security training   practical exercises													
AT-3(4)	role-based security training   suspicious communications and anomalous system behavior													
AT-4	Security Training Records	х	х	х	х	х	х	х	х	х	х	х	х	х
AT-5	Contacts with Security Groups and Associations		ed into PM		••									
	· ·	•	ACCOUN		Y CONTR	ROLS								
AU-1	Audit and Accountability Policy and Procedures	х	х	х	Х	х	х	х	х	х	х	х	х	х
AU-2	Audit Events	Х	x	х	Х	x	Х	x	Х	Х				
AU-2(1)	audit events   compilation of audit records from multiple sources	Incorporat	ed into AU	-12										
AU-2(2)	audit events   selection of audit events by component	Incorporat	ed into AU	-12										
AU-2(3)	audit events   reviews and updates		х	х	х	х	х	х	х	х				
AU-2(4)	audit events   privileged functions	Incorporat	ed into AC-	6 (9)										
AU-3	Content of Audit Records	х	X	Х	х	Х	х	х	х	Х				
AU-3(1)	content of audit records   additional audit information		Х	х	Х	Х	Х	Х	Х	Х				
AU-3(2)	content of audit records   centralized management of planned audit record content			x	х	х	х	х	х	х				x
AU-4	Audit Storage Capacity	х	х	х							х	х	х	
AU-4(1)	audit storage capacity   transfer to alternate storage													
AU-5	Response to Audit Processing Failures	X	x	х							x	X	x	
AU-5(1)	response to audit processing failures   audit storage capacity			Х							x	Х	x	
AU-5(2)	response to audit processing failures   real-time alerts			Х								Х	Х	
AU-5(3)	response to audit processing failures   configurable traffic volume thresholds													
AU-5(4)	response to audit processing failures   shutdown on failure													
AU-6	Audit Review, Analysis, and Reporting	Х	Х	Х	Х	Х	Х	Х	Х	Х				х
AU-6(1)	audit review, analysis, and reporting   process integration		x	х		x	х		х	Х				
AU-6(2)	audit review, analysis, and reporting   automated security alerts	Incorporat	ed into SI-4											
AU-6(3)	audit review, analysis, and reporting   correlate audit repositories		x	х	х	x	x	x	х	х				
AU-6(4)	audit review, analysis, and reporting   central review and analysis													
AU-6(5)	audit review, analysis, and reporting   integration / scanning and monitoring capabilities			х										
AU-6(6)	audit review, analysis, and reporting   correlation with physical monitoring			х										
AU-6(7)	audit review, analysis, and reporting   permitted actions													
AU-6(8)	audit review, analysis, and reporting   full text analysis of privileged commands													
AU-6(9)	audit review, analysis, and reporting   correlation with information from nontechnical sources													
AU-6(10)	audit review, analysis, and reporting   audit level adjustment													
AU-7	Audit Reduction and Report Generation		X	X		X	X		X	X				

KODE	Uraian		Baseline	2	Ke	rahasia	an	I	ntegrita	ıs	Ke	tersedia	an	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
AU-7(1)	audit reduction and report generation   automatic processing		х	х		х	х		х	х				
AU-7(2)	audit reduction and report generation   automatic sort and search													
AU-8	Time Stamps	X	Х	X				Х	Х	Х				
AU-8(1)	time stamps   synchronization with authoritative time source		X	X				х	Х	X				
AU-8(2)	time stamps   secondary authoritative time source													
AU-9	Protection of Audit Information	X	x	х	х	х	x	х	х	х				
AU-9(1)	protection of audit information   hardware write-once media													
AU-9(2)	protection of audit information   audit backup on separate physical systems / components			x								х	х	
AU-9(3)	protection of audit information   cryptographic protection			x						Х				
AU-9(4)	protection of audit information   access by subset of privileged users		x	x				х	х	x				х
AU-9(5)	protection of audit information   dual authorization													
AU-9(6)	protection of audit information   read-only access													
AU-10	Non-repudiation			x					х	x				
AU-10(1)	non-repudiation   association of identities													
AU-10(2)	non-repudiation   validate binding of information producer identity													
AU-10(3)	non-repudiation   chain of custody													
AU-10(4)	non-repudiation   validate binding of information reviewer identity													
AU-10(5)	non-repudiation   digital signatures	Incorporat	ed into SI-7						х	x				
AU-11	Audit Record Retention	X	x	x							x	х	x	X
AU-11(1)	audit record retention   long-term retrieval capability													
AU-12	Audit Generation	X	x	x	x	х	x	x	х	Х	x	x	x	
AU-12(1)	audit generation   system-wide / time-correlated audit trail			x						Х				
AU-12(2)	audit generation   standardized formats													
AU-12(3)	audit generation   changes by authorized individuals			x										
AU-13	Monitoring for Information Disclosure													x
AU-13(1)	monitoring for information disclosure   use of automated tools													
AU-13(2)	monitoring for information disclosure   review of monitored sites													
AU-14	Session Audit													
AU-14(1)	session audit   system start-up													
AU-14(2)	session audit   capture/record and log content													
AU-14(3)	session audit   remote viewing / listening													
AU-15	Alternate Audit Capability													
AU-16	Cross-Organizational Auditing													
AU-16(1)	cross-organizational auditing   identity preservation													
AU-16(2)	cross-organizational auditing   sharing of audit information													

KODE	Uraian		Baseline	ę	Ke	erahasia	an	I	ntegrita	as	Ke	tersedia	an	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
	SECURITY AS	SESSMI	ENT AND	AUTHO	RIZATIO	N CONTR	ROLS							
CA-1	Security Assessment and Authorization Policies and Procedures	х	х	х	х	х	х	х	х	х	х	х	x	x
CA-2	Security Assessments	X	х	Х	х	х	X	х	х	X	х	х	х	
CA-2(1)	security assessments   independent assessors		х	х	х	х	X	х	х	х	х	х	x	x
CA-2(2)	security assessments   specialized assessments			Х			X			X			X	
CA-2(3)	security assessments   external organizations													
CA-3	System Interconnections	X	х	x	х	х	X	x	х	X				
CA-3(1)	system interconnections   unclassified national security system connections				x	x	x							x
CA-3(2)	system interconnections   classified national security system connections					x	х							x
CA-3(3)	system interconnections   unclassified non-national security system connections													
CA-3(4)	system interconnections   connections to public networks													
CA-3(5)	system interconnections   restrictions on external system connections		х	х										
CA-4	Security Certification													
CA-5	Plan of Action and Milestones	X	х	х	Х	Х	Х	х	Х	Х	х	х	x	
CA-5(1)	plan of action and milestones   automation support for accuracy / currency													
CA-6	Security Authorization	X	Х	Х	Х	Х	X	X	х	X	Х	Х	X	
CA-7	Continuous Monitoring	X	Х	х	Х	Х	Х	Х	х	Х	Х	Х	X	
CA-7(1)	continuous monitoring   independent assessment		х	Х	х	Х	X	Х	Х	X	х	Х	Х	х
CA-7(2)	continuous monitoring   types of assessments													
CA-7(3)	continuous monitoring   trend analyses													
CA-8	Penetration Testing			x			X			X			х	
CA-8(1)	penetration testing   independent penetration agent or team													
CA-8(2)	penetration testing   red team exercises													
CA-9	Internal System Connections	X	x	x	х	х	X	x	х	X	x	x	x	
CA-9(1)	internal system connections   security compliance checks													
	CONF	IGURAT	ION MAN	VAGEME	NT CONT	ROLS								
CM-1	Configuration Management Policy and Procedures	X	х	x	Х	X	X	х	х	X				x
CM-2	Baseline Configuration	X	Х	х				Х	х	Х				
CM-2(1)	baseline configuration   reviews and updates		х	х					х	х				
CM-2(2)	baseline configuration   automation support for accuracy / currency			x						х				
CM-2(3)	baseline configuration   retention of previous configurations		х	х					х	Х				
CM-2(4)	baseline configuration   unauthorized software													
CM-2(5)	baseline configuration   authorized software													
CM-2(6)	baseline configuration   development and test environments													

KODE	Uraian		Baseline	e	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
CM-2(7)	baseline configuration   configure systems, components, or devices for high- risk areas		х	х					х	х				
CM-3	Configuration Change Control		х	х				x	х	х				X
CM-3(1)	configuration change control   automated document / notification / prohibition of changes			х						х				
CM-3(2)	configuration change control   test / validate / document changes		x	x					х	х				
CM-3(3)	configuration change control   automated change implementation													
CM-3(4)	configuration change control   security representative							х	х	х				x
CM-3(5)	configuration change control   automated security response													
CM-3(6)	configuration change control   cryptography management													
CM-4	Security Impact Analysis	X	x	x				x	x	х				
CM-4(1)	security impact analysis   separate test environments			Х					х	х				
CM-4(2)	security impact analysis   verification of security functions							x	х	х				
CM-5	Access Restrictions for Change		х	х				x	х	х				
CM-5(1)	access restrictions for change   automated access enforcement / auditing			х										
CM-5(2)	access restrictions for change   review system changes			х				х	х	х				
CM-5(3)	access restrictions for change   signed components			х						Х				
CM-5(4)	access restrictions for change   dual authorization													
CM-5(5)	access restrictions for change   limit production / operational privileges							x	x	х				x
CM-5(6)	access restrictions for change   limit library privileges							х	х	х				x
CM-5(7)	access restrictions for change   automatic implementation of security safeguards													
CM-6	Configuration Settings	X	X	Х				х	х	х				
CM-6(1)	configuration settings   automated central management / application / verification			x					x	х				
CM-6(2)	configuration settings   respond to unauthorized changes			х						х				
CM-6(3)	configuration settings   unauthorized change detection													
CM-6(4)	configuration settings   conformance demonstration													
CM-7	Least Functionality	X	Х	Х	X	Х	Х	х	х	х				
CM-7(1)	least functionality   periodic review		х	х	х	х	х	х	х	х				
CM-7(2)	least functionality   prevent program execution		х	х		х	х		х	х				
CM-7(3)	least functionality   registration compliance				х	х	х	х	х	х				х
CM-7(4)	least functionality   unauthorized software / blacklisting		х											
CM-7(5)	least functionality   authorized software / whitelisting			х										
CM-8	Information System Component Inventory	X	х	х				х	х	х				
CM-8(1)	information system component inventory   updates during installations / removals		х	х				х	х	х				
CM-8(2)	information system component inventory   automated maintenance			x						х				

KODE	Uraian		Baseline	2	Ke	erahasia	aan	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
CM-8(3)	information system component inventory   automated unauthorized component detection		х	х						Х				
CM-8(4)	information system component inventory   accountability information			х				x	х	x				
CM-8(5)	information system component inventory   no duplicate accounting of components		x	x				х	x	х				
CM-8(6)	information system component inventory   assessed configurations / approved deviations													
CM-8(7)	information system component inventory   centralized repository													
CM-8(8)	information system component inventory   automated location tracking													
CM-8(9)	information system component inventory   assignment of components to systems													
CM-9	Configuration Management Plan		Х	Х				Х	Х	Х				
CM-9(1)	configuration management plan   assignment of responsibility													
CM-10	Software Usage Restrictions	Х	х	х										
CM-10(1)	software usage restrictions   open source software													
CM-11	User-Installed Software	Х	х	Х										
CM-11(1)	user-installed software   alerts for unauthorized installations													
CM-11(2)	user-installed software   prohibit installation without privileged status													
	CC	ONTINGE	ENCY PLA	ANNING	CONTRO	LS								
CP-1	Contingency Planning Policy and Procedures	Х	х	Х	Х	х	х	x	х	Х	х	х	х	x
CP-2	Contingency Plan	Х	х	Х							х	х	х	
CP-2(1)	contingency plan   coordinate with related plans		x	х								х	x	
CP-2(2)	contingency plan   capacity planning			х								х	x	x
CP-2(3)	contingency plan   resume essential missions / business functions		x	х								х	x	x
CP-2(4)	contingency plan   resume all missions / business functions			х								х	x	x
CP-2(5)	contingency plan   continue essential missions / business functions			x									x	х
CP-2(6)	contingency plan   alternate processing / storage site												x	х
CP-2(7)	contingency plan   coordinate with external service providers													
CP-2(8)	contingency plan   identify critical assets		х	х										
CP-3	Contingency Training	х	х	х							x	х	х	
CP-3(1)	contingency training   simulated events			х									x	
CP-3(2)	contingency training   automated training environments													
CP-4	Contingency Plan Testing	х	х	х							х	х	х	
CP-4(1)	contingency plan testing   coordinate with related plans		х	х								х	х	
CP-4(2)	contingency plan testing   alternate processing site			х									х	
CP-4(3)	contingency plan testing   automated testing													
CP-4(4)	contingency plan testing   full recovery / reconstitution													

KODE	Uraian		Baselin	e	Ke	rahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
CP-5	Contingency Plan Update													
CP-6	Alternate Storage Site		х	х								х	X	x
CP-6(1)	alternate storage site   separation from primary site		х	Х								х	X	x
CP-6(2)	alternate storage site   recovery time / point objectives			х									x	х
CP-6(3)	alternate storage site   accessibility		Х	Х								х	х	х
CP-7	Alternate Processing Site		Х	Х								х	X	
CP-7(1)	alternate processing site   separation from primary site		Х	Х								Х	х	X
CP-7(2)	alternate processing site   accessibility		Х	Х								Х	х	X
CP-7(3)	alternate processing site   priority of service		Х	Х								Х	X	
CP-7(4)	alternate processing site   preparation for use			Х								Х	Х	
CP-7(5)	alternate processing site   equivalent information security safeguards													
CP-7(6)	alternate processing site   inability to return to primary site													
CP-8	Telecommunications Services		х	х								х	X	X
CP-8(1)	telecommunications services   priority of service provisions		Х	Х								х	X	х
CP-8(2)	telecommunications services   single points of failure		Х	Х								х	х	Х
CP-8(3)	telecommunications services   separation of primary / alternate providers			х									x	x
CP-8(4)	telecommunications services   provider contingency plan			х									X	x
CP-8(5)	telecommunications services   alternate telecommunication service testing													
CP-9	Information System Backup	X	х	Х	х	х	х	х	х	х	х	х	х	
CP-9(1)	information system backup   testing for reliability / integrity		Х	Х				Х	х	х	Х	Х	х	
CP-9(2)	information system backup   test restoration using sampling			х						Х			X	
CP-9(3)	information system backup   separate storage for critical information			х									x	x
CP-9(4)	information system backup   protection from unauthorized modification													
CP-9(5)	information system backup   transfer to alternate storage site			х								х	х	
CP-9(6)	information system backup   redundant secondary system													
CP-9(7)	information system backup   dual authorization													
CP-10	Information System Recovery and Reconstitution	X	х	Х							х	х	X	
CP-10(1)	information system recovery and reconstitution   contingency plan testing													
CP-10(2)	information system recovery and reconstitution   transaction recovery		х	х				х	х	х	x	х	х	
CP-10(3)	information system recovery and reconstitution   compensating security controls													
CP-10(4)	information system recovery and reconstitution   restore within time period			х										
CP-10(5)	information system recovery and reconstitution   failover capability													

KODE	Uraian		Baselina	2	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
CP-10(6)	information system recovery and reconstitution   component protection													
CP-11	Alternate Communications Protocols													
CP-12	Safe Mode													
CP-13	Alternative Security Mechanisms													
	IDENTIFIC	CATION	AND AU	THENTIC	ATION C	CONTROL	S							
IA-1	Identification and Authentication Policy and Procedures	Х	X	Х	Х	Х	Х	Х	Х	Х				X
IA-2	Identification and Authentication (Organizational Users)	Х	x	Х	Х	Х	Х	х	Х	Х				
IA-2(1)	identification and authentication (organizational users)   network access to privileged accounts	х	х	x	x	х	х	x	x	х				
IA-2(2)	identification and authentication (organizational users)   network access to non-privileged accounts		х	х		х	х		х	х				
IA-2(3)	identification and authentication (organizational users)   local access to privileged accounts		х	x		x	x		x	x				
IA-2(4)	$identification\ and\ authentication\ (organizational\ users)\mid local\ access\ to\ non-privileged\ accounts$			x		х	х		x	x				
IA-2(5)	identification and authentication (organizational users)   group authentication				x	x	x	x	x	x				
IA-2(6)	identification and authentication (organizational users)   network access to privileged accounts - separate device													
IA-2(7)	identification and authentication (organizational users)   network access to non-privileged accounts - separate device													
IA-2(8)	identification and authentication (organizational users)   network access to privileged accounts - replay resistant		x	x	x	x	x	x	x	x				
IA-2(9)	identification and authentication (organizational users)   network access to non-privileged accounts - replay resistant			x		x	x		x	x				
IA-2(10)	identification and authentication (organizational users)   single sign-on													
IA-2(11)	identification and authentication (organizational users)   remote access - separate device		x	x										
IA-2(12)	identification and authentication (organizational users)   acceptance of piv credentials	х	х	x										
IA-2(13)	identification and authentication   out-of-band authentication													
IA-3	Device Identification and Authentication		х	Х	х	х	х	x	х	Х				
IA-3(1)	device identification and authentication   cryptographic bidirectional authentication													
IA-3(2)	device identification and authentication   cryptographic bidirectional network authentication													
IA-3(3)	device identification and authentication   dynamic address allocation													
IA-3(4)	device identification and authentication   device attestation													
IA-4	Identifier Management	Х	Х	Х	х	Х	Х	Х	х	х				х
IA-4(1)	identifier management   prohibit account identifiers as public identifiers													
IA-4(2)	identifier management   supervisor authorization													
IA-4(3)	identifier management   multiple forms of certification													

KODE	Uraian		Baseline	e	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
IA-4(4)	identifier management   identify user status													
IA-4(5)	identifier management   dynamic management													
IA-4(6)	identifier management   cross-organization management													
IA-4(7)	identifier management   in-person registration													
IA-5	Authenticator Management	X	Х	Х	X	Х	Х	Х	х	х				x
IA-5(1)	authenticator management   password-based authentication	X	x	х	x	X	х	х	Х	Х				
IA-5(2)	authenticator management   pki-based authentication		х	х				Х	х	х				
IA-5(3)	authenticator management   in-person or trusted third-party registration		x	x				x	x	x				x
IA-5(4)	authenticator management   automated support for password strength determination				х	х	х	х	х	х				
IA-5(5)	authenticator management   change authenticators prior to delivery													
IA-5(6)	authenticator management   protection of authenticators													
IA-5(7)	authenticator management   no embedded unencrypted static authenticators													
IA-5(8)	authenticator management   multiple information system accounts													
IA-5(9)	authenticator management   cross-organization credential management													
IA-5(10)	authenticator management   dynamic credential association													
IA-5(11)	authenticator management   hardware token-based authentication	x	x	х										
IA-5(12)	authenticator management   biometric-based authentication													
IA-5(13)	authenticator management   expiration of cached authenticators													
IA-5(14)	authenticator management   managing content of pki trust stores													
IA-5(15)	authenticator management   ficam-approved products and services													
IA-6	Authenticator Feedback	Х	х	Х	Х	Х	Х							
IA-7	Cryptographic Module Authentication	X	Х	х	Х	X	Х	х	х	х				
IA-8	Identification and Authentication (Non-Organizational Users)	x	x	х	x	x	х	x	х	х				
IA-8(1)	identification and authentication (non-organizational users)   acceptance of piv credentials from other agencies	х	x	х										
IA-8(2)	identification and authentication (non-organizational users)   acceptance of third-party credentials	х	х	х										
IA-8(3)	$identification\ and\ authentication\ (non-organizational\ users)\  \ use\ of\ ficam-approved\ products$	X	x	х										
IA-8(4)	identification and authentication (non-organizational users)   use of ficamissued profiles	x	x	x										
IA-8(5)	identification and authentication (non-organizational users)   acceptance of piv-i credentials													
IA-9	Service Identification and Authentication													
IA-9(1)	service identification and authentication   information exchange													

KODE	Uraian		Baseline	2	Ke	rahasia	an	I	ntegrita	ıs	Ke	tersedia	an	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
IA-9(2)	service identification and authentication   transmission of decisions													
IA-10	Adaptive Identification and Authentication													
IA-11	Re-authentication													
		INCIDE	NT RESP	ONSE CO	NTROLS									
IR-1	Incident Response Policy and Procedures	X	х	х	х	х	X	х	X	х	х	X	X	x
IR-2	Incident Response Training	X	х	х	х	х	X	х	X	х	х	X	X	
IR-2(1)	incident response training   simulated events			х			x			х			x	
IR-2(2)	incident response training   automated training environments			х						х			х	
IR-3	Incident Response Testing		x	х	х	х	x	x	х	х	x	х	х	
IR-3(1)	incident response testing   automated testing													
IR-3(2)	incident response testing   coordination with related plans		x	х										
IR-4	Incident Handling	x	x	х	х	х	x	x	x	х	x	X	x	x
IR-4(1)	incident handling   automated incident handling processes		x	х	х	х	x	x	х	х	x	х	х	X
IR-4(2)	incident handling   dynamic reconfiguration													
IR-4(3)	incident handling   continuity of operations				х	х	X	х	X	х	х	X	X	
IR-4(4)	incident handling   information correlation			х	х	х	x	x	X	х	x	X	х	x
IR-4(5)	incident handling   automatic disabling of information system													
IR-4(6)	incident handling   insider threats - specific capabilities													
IR-4(7)	incident handling   insider threats - intra-organization coordination													
IR-4(8)	incident handling   correlation with external organizations													
IR-4(9)	incident handling   dynamic response capability													
IR-4(10)	incident handling   supply chain coordination													
IR-5	Incident Monitoring	X	х	х	х	х	X	х	X	х	х	X	X	x
IR-5(1)	incident monitoring   automated tracking / data collection / analysis			х						х			x	x
IR-6	Incident Reporting	x	х	Х	Х	Х	Х	х	X	Х	x	X	х	х
IR-6(1)	incident reporting   automated reporting		x	Х	Х	Х	Х	х	X	Х	х	X	X	х
IR-6(2)	incident reporting   vulnerabilities related to incidents				х	х	x	x	х	х	x	х	х	X
IR-6(3)	incident reporting   coordination with supply chain													
IR-7	Incident Response Assistance	X	х	х	х	х	X	х	X	х	х	X	X	x
IR-7(1)	incident response assistance   automation support for availability of information / support		х	х	х	х	х	х	х	х	х	х	x	x
IR-7(2)	incident response assistance   coordination with external providers				х	x	х	х	x	х	х	x	x	x
IR-8	Incident Response Plan	X	Х	х	х	х	Х	х	X	х	х	X	х	х
IR-9	Information Spillage Response													
IR-9(1)	information spillage response   responsible personnel													
IR-9(2)	information spillage response   training													

KODE	Uraian		Baselin	e	K	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
IR-9(3)	information spillage response   post-spill operations													
IR-9(4)	information spillage response   exposure to unauthorized personnel													
IR-10	Integrated Information Security Analysis Team													
		MAI	NTENANO	CE CONT	ROLS									
MA-1	System Maintenance Policy and Procedures	Х	Х	Х	Х	Х	Х	Х	х	X	Х	Х	Х	х
MA-2	Controlled Maintenance	X	x	Х	х	Х	Х	x	х	X	х	х	х	
MA-2(1)	controlled maintenance   record content													
MA-2(2)	controlled maintenance   automated maintenance activities			Х			X			X			х	
MA-3	Maintenance Tools		x	X				x	x	х	х	x	х	
MA-3(1)	maintenance tools   inspect tools		x	X					x	х		x	х	x
MA-3(2)	maintenance tools   inspect media		X	х				х	х	х	х	х	х	
MA-3(3)	maintenance tools   prevent unauthorized removal			X	X	X	х							
MA-3(4)	maintenance tools   restricted tool use													
MA-4	Nonlocal Maintenance	Х	x	Х				х	х	X				
MA-4(1)	nonlocal maintenance   auditing and review													
MA-4(2)	nonlocal maintenance   document nonlocal maintenance		х	X				х	x	х				
MA-4(3)	nonlocal maintenance   comparable security / sanitization			Х	х	Х	Х	х	x	х	Х	х	Х	
MA-4(4)	nonlocal maintenance   authentication / separation of maintenance sessions													
MA-4(5)	nonlocal maintenance   approvals and notifications													
MA-4(6)	nonlocal maintenance   cryptographic protection													
MA-4(7)	nonlocal maintenance   remote disconnect verification													
MA-5	Maintenance Personnel	X	X	X	X	X	Х	X	Х	X	Х	Х	Х	
MA-5(1)	maintenance personnel   individuals without appropriate access			X	х	X	Х	х	x	х	Х	х	Х	
MA-5(2)	maintenance personnel   security clearances for classified systems													x
MA-5(3)	maintenance personnel   citizenship requirements for classified systems													x
MA-5(4)	maintenance personnel   foreign nationals													
MA-5(5)	maintenance personnel   non-system-related maintenance													
MA-6	Timely Maintenance		X	X								х	х	
MA-6(1)	timely maintenance   preventive maintenance													
MA-6(2)	timely maintenance   predictive maintenance													
MA-6(3)	timely maintenance   automated support for predictive maintenance													
		MEDIA	PROTEC	TION CO	NTROLS									
MP-1	Media Protection Policy and Procedures	X	X	Х	х	X	х	Х	х	х	х	Х	х	X
MP-2	Media Access	х	х	х	х	x	х							Х
MP-2(1)	media access   automated restricted access													

KODE	Uraian		Baseline	2	Ke	erahasia	an	I	ntegrita	as	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
MP-2(2)	media access   cryptographic protection													
MP-3	Media Marking		x	Х	х	X	х							
MP-4	Media Storage		x	Х	х	X	х							
MP-4(1)	media storage   cryptographic protection													
MP-4(2)	media storage   automated restricted access													
MP-5	Media Transport		x	х	x	X	х	х	х	х				X
MP-5(1)	media transport   protection outside of controlled areas													
MP-5(2)	media transport   documentation of activities													
MP-5(3)	media transport   custodians													
MP-5(4)	media transport   cryptographic protection		x	х		X	х		X	х				
MP-6	Media Sanitization	x	х	х	х	х	х							х
MP-6(1)	media sanitization   review / approve / track / document / verify			х		х	х							Х
MP-6(2)	media sanitization   equipment testing			х	х	Х	х							х
MP-6(3)	media sanitization   nondestructive techniques			х	х	Х	х							X
MP-6(4)	media sanitization   controlled unclassified information													
MP-6(5)	media sanitization   classified information													
MP-6(6)	media sanitization   media destruction													
MP-6(7)	media sanitization   dual authorization													
MP-6(8)	media sanitization   remote purging / wiping of information													
MP-7	Media Use	X	Х	Х										
MP-7(1)	media use   prohibit use without owner		х	х										
MP-7(2)	media use   prohibit use of sanitization-resistant media													
MP-8	Media Downgrading													
MP-8(1)	media downgrading   documentation of process													
MP-8(2)	media downgrading   equipment testing													
MP-8(3)	media downgrading   controlled unclassified information													
MP-8(4)	media downgrading   classified information													
	PHYSICAL AN	D ENVI	RONMEN	TAL PRO	OTECTIO	N CONTI	ROLS							
PE-1	Physical and Environmental Protection Policy and Procedures	x	x	х	x	х	х	x	x	х	х	х	x	x
PE-2	Physical Access Authorizations	X	x	х	x	X	х	х	х	х	х	х	х	x
PE-2(1)	physical access authorizations   access by position / role													
PE-2(2)	physical access authorizations   two forms of identification													
PE-2(3)	physical access authorizations   restrict unescorted access													
PE-3	Physical Access Control	Х	х	х	х	х	Х	х	х	Х	Х	Х	х	х
PE-3(1)	physical access control   information system access			х			Х			Х				х
PE-3(2)	physical access control   facility / information system boundaries				х	Х	Х							х
PE-3(3)	physical access control   continuous guards / alarms / monitoring				Х	Х	Х							х

KODE	Uraian	j	Baseline	?	Ke	rahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
PE-3(4)	physical access control   lockable casings						х			х				х
PE-3(5)	physical access control   tamper protection													
PE-3(6)	physical access control   facility penetration testing													
PE-4	Access Control for Transmission Medium		x	х		х	х		Х	х				х
PE-5	Access Control for Output Devices		х	х	х	х	х							
PE-5(1)	access control for output devices   access to output by authorized individuals													
PE-5(2)	access control for output devices   access to output by individual identity													
PE-5(3)	access control for output devices   marking output devices													
PE-6	Monitoring Physical Access	X	X	X	X	Х	Х	Х	X	Х	Х	Х	X	
PE-6(1)	monitoring physical access   intrusion alarms / surveillance equipment		х	х								х	х	
PE-6(2)	monitoring physical access   automated intrusion recognition / responses													
PE-6(3)	monitoring physical access   video surveillance													
PE-6(4)	monitoring physical access   monitoring physical access to information systems			x										
PE-7	Visitor Control													
PE-8	Visitor Access Records	X	X	X	X	Х	Х	Х	X	Х				х
PE-8(1)	visitor access records   automated records maintenance / review			Х			х							
PE-8(2)	visitor access records   physical access records													
PE-9	Power Equipment and Cabling		x	X							x	х	х	x
PE-9(1)	power equipment and cabling   redundant cabling													
PE-9(2)	power equipment and cabling   automatic voltage controls											х	x	
PE-10	Emergency Shutoff		x	х							x	х	х	x
PE-10(1)	emergency shutoff   accidental / unauthorized activation													
PE-11	Emergency Power		x	X								х	х	
PE-11(1)	emergency power   long-term alternate power supply - minimal operational capability			x									x	Х
PE-11(2)	emergency power   long-term alternate power supply - self-contained													
PE-12	Emergency Lighting	x	x	x							х	х	X	x
PE-12(1)	emergency lighting   essential missions / business functions													
PE-13	Fire Protection	x	X	х							х	х	х	X
PE-13(1)	fire protection   detection devices / systems			х									х	x
PE-13(2)	fire protection   suppression devices / systems			Х									Х	х
PE-13(3)	fire protection   automatic fire suppression		X	X									Х	х
PE-13(4)	fire protection   inspections												х	х
PE-14	Temperature and Humidity Controls	x	X	х							х	х	х	x
PE-14(1)	temperature and humidity controls   automatic controls											х	Х	х

KODE	Uraian		Baselin	e	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
PE-14(2)	temperature and humidity controls   monitoring with alarms / notifications											х	x	х
PE-15	Water Damage Protection	Х	Х	Х							Х	Х	Х	х
PE-15(1)	water damage protection   automation support			х									х	
PE-16	Delivery and Removal	Х	Х	х	Х	Х	х				х	х	х	
PE-17	Alternate Work Site		Х	х		Х	х		x	Х		х	х	
PE-18	Location of Information System Components			х										Х
PE-18(1)	location of information system components   facility site													
PE-19	Information Leakage													
PE-19(1)	information leakage   national emissions / tempest policies and procedures													
PE-20	Asset Monitoring and Tracking													
		PL	ANNING	CONTRO	OLS									
PL-1	Security Planning Policy and Procedures	Х	х	х	х	х	X	х	X	х	х	х	х	x
PL-2	System Security Plan	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	
PL-2(1)	system security plan   concept of operations													
PL-2(2)	system security plan   functional architecture													
PL-2(3)	system security plan   plan / coordinate with other organizational entities		x	х	x	x	х	х	x	x	х	х	x	
PL-3	System Security Plan Update													
PL-4	Rules of Behavior	Х	х	x	Х	Х	x	x	x	х	x	х	х	
PL-4(1)	rules of behavior   social media and networking restrictions		х	x										
PL-5	Privacy Impact Assessment													
PL-6	Security-Related Activity Planning													
PL-7	Security Concept of Operations													
PL-8	Information Security Architecture		х	x	Х	Х	x	x	x	х	x	х	х	
PL-8(1)	information security architecture   defense-in-depth													
PL-8(2)	information security architecture   supplier diversity													
PL-9	Central Management													
		PERSON!	NEL SEC	URITY C	ONTROL	S								
PS-1	Personnel Security Policy and Procedures	х	х	x	x	x	x	x	x	х	x	x	x	x
PS-2	Position Risk Designation	Х	х	Х	х	Х	Х	х	X	х	Х	Х	х	x
PS-3	Personnel Screening	Х	х	Х	х	х	Х	х	Х	х				
PS-3(1)	personnel screening   classified Information													
PS-3(2)	personnel screening   formal indoctrination													
PS-3(3)	personnel screening   information with special protection measures													
PS-4	Personnel Termination	Х	Х	Х	Х	Х	Х	Х	х	х	Х	Х	х	
PS-4(1)	personnel termination   post-employment requirements													

KODE	Uraian		Baseline	ę	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
PS-4(2)	personnel termination   automated notification			х										
PS-5	Personnel Transfer	х	x	х	x	x	х	х	х	х	х	х	х	
PS-6	Access Agreements	х	х	х	х	х	х	х	х	х				X
PS-6(1)	access agreements   information requiring special protection													
PS-6(2)	access agreements   classified information requiring special protection													
PS-6(3)	access agreements   post-employment requirements													
PS-7	Third-Party Personnel Security	Х	x	Х	x	x	Х	х	х	Х				х
PS-8	Personnel Sanctions	х	х	х	х	х	х	х	х	х	х	х	х	х
	<u> </u>	RISK A	SSESSM	ENT CON	TROLS									
RA-1	Risk Assessment Policy and Procedures	X	х	X	х	х	х	x	x	х	х	х	х	х
RA-2	Security Categorization	х	х	х	х	х	х	х	х	х	х	х	х	
RA-3	Risk Assessment	х	х	х	х	х	х	х	х	х	х	х	х	
RA-4	Risk Assessment Update													
RA-5	Vulnerability Scanning	х	x	х	x	x	х	х	x	х	х	х	х	
RA-5(1)	vulnerability scanning   update tool capability		х	х	х	х	х	х	х	х	х	х	х	
RA-5(2)	vulnerability scanning   update by frequency / prior to new scan / when identified		х	х	х	х	х	х	x	х	х	х	х	
RA-5(3)	vulnerability scanning   breadth / depth of coverage													
RA-5(4)	vulnerability scanning   discoverable information			х	х	x	х	х	x	х	х	х	х	
RA-5(5)	vulnerability scanning   privileged access		х	х	х	х	х	x	x	х	х	х	х	
RA-5(6)	vulnerability scanning   automated trend analyses													
RA-5(7)	vulnerability scanning   automated detection and notification of unauthorized components													
RA-5(8)	vulnerability scanning   review historic audit logs													
RA-5(9)	vulnerability scanning   penetration testing and analyses													
RA-5(10)	vulnerability scanning   correlate scanning information													
RA-6	Technical Surveillance Countermeasures Survey													
	SYSTEM	AND SE	RVICES .	<i>ACQUISI</i>	TION CO	NTROLS								
SA-1	System and Services Acquisition Policy and Procedures	X	x	х	x	x	х	x	x	х				x
SA-2	Allocation of Resources	х	х	х				х	х	х				
SA-3	System Development Life Cycle	х	х	х				х	х	х				
SA-4	Acquisition Process	x	X	х				x	x	x				
SA-4(1)	acquisition process   functional properties of security controls		х	х					X	х				X
SA-4(2)	acquisition process   design / implementation information for security controls		х	х						х				x
SA-4(3)	acquisition process   development methods / techniques / practices									х				x
SA-4(4)	acquisition process   assignment of components to systems													
SA-4(5)	acquisition process   system / component / service configurations									х				X

KODE	Uraian	1	Baseline	e	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
SA-4(6)	acquisition process   use of Information assurance products													
SA-4(7)	acquisition process   niap-approved protection profiles				Х	Х	Х							х
SA-4(8)	acquisition process   continuous monitoring plan													
SA-4(9)	acquisition process   functions / ports / protocols / services in use		Х	Х										
SA-4(10)	acquisition process   use of approved piv products	Х	Х	Х										
SA-5	Information System Documentation	X	х	Х				Х	Х	Х				
SA-5(1)	information system documentation   functional properties of security controls													
SA-5(2)	information system documentation   security-relevant external system interfaces													
SA-5(3)	information system documentation   high-level design													
SA-5(4)	information system documentation   low-level design													
SA-5(5)	information system documentation   source code													
SA-6	Software Usage Restrictions													
SA-7	User-Installed Software													
SA-8	Security Engineering Principles		Х	Х				Х	Х	Х				X
SA-9	External Information System Services	X	Х	х				х	х	х				
SA-9(1)	external information systems   risk assessments / organizational approvals							х	x	х				
SA-9(2)	external information systems   identification of functions / ports / protocols / services		х	х										
SA-9(3)	external information systems   establish / maintain trust relationship with providers													
SA-9(4)	external information systems   consistent interests of consumers and providers													
SA-9(5)	external information systems   processing, storage, and service location													
SA-10	Developer Configuration Management		x	x				x	x	х				
SA-10(1)	developer configuration management   software / firmware integrity verification													
SA-10(2)	developer configuration management   alternative configuration management processes													
SA-10(3)	developer configuration management   hardware integrity verification													
SA-10(4)	developer configuration management   trusted generation													
SA-10(5)	developer configuration management   mapping integrity for version control													
SA-10(6)	developer configuration management   trusted distribution													
SA-11	Developer Security Testing and Evaluation		Х	х				х	х	х				
SA-11(1)	developer security testing and evaluation   static code analysis									х				
SA-11(2)	developer security testing and evaluation   threat and vulnerability analyses									х				
SA-11(3)	developer security testing and evaluation   independent verification of assessment plans / evidence									_				

KODE	Uraian		Baseline		Ke	rahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
SA-11(4)	developer security testing and evaluation   manual code reviews													
SA-11(5)	developer security testing and evaluation   penetration testing													
SA-11(6)	developer security testing and evaluation   attack surface reviews													
SA-11(7)	developer security testing and evaluation   verify scope of testing / evaluation													
SA-11(8)	developer security testing and evaluation   dynamic code analysis													
SA-12	Supply Chain Protection			X	X	X	X	X	X	Х	Х	Х	Х	х
SA-12(1)	supply chain protection   acquisition strategies / tools / methods													
SA-12(2)	supply chain protection   supplier reviews													
SA-12(3)	supply chain protection   trusted shipping and warehousing													
SA-12(4)	supply chain protection   diversity of suppliers													
SA-12(5)	supply chain protection   limitation of harm													
SA-12(6)	supply chain protection   minimizing procurement time													
SA-12(7)	supply chain protection   assessments prior to selection / acceptance / update													
SA-12(8)	supply chain protection   use of all-source intelligence													
SA-12(9)	supply chain protection   operations security													
SA-12(10)	supply chain protection   validate as genuine and not altered													
	supply chain protection   penetration testing / analysis of elements, processes, and actors													
SA-12(12)	supply chain protection   inter-organizational agreements													
SA-12(13)	supply chain protection   critical information system components													
SA-12(14)	supply chain protection   identity and traceability													
SA-12(15)	supply chain protection   processes to address weaknesses or deficiencies													
SA-13	Trustworthiness													
SA-14	Criticality Analysis													
SA-14(1)	criticality analysis   critical components with no viable alternative sourcing													
SA-15	Development Process, Standards, and Tools			X										
SA-15(1)	development process, standards, and tools   quality metrics													
SA-15(2)	development process, standards, and tools   security tracking tools													
SA-15(3)	development process, standards, and tools   criticality analysis													
SA-15(4)	development process, standards, and tools   threat modeling / vulnerability analysis													
SA-15(5)	development process, standards, and tools   attack surface reduction													
SA-15(6)	development process, standards, and tools   continuous improvement													
SA-15(7)	$development\ process,\ standards,\ and\ tools\  \ automated\ vulnerability\ analysis$													

KODE	Uraian		Baseline	e	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
SA-15(8)	development process, standards, and tools   reuse of threat / vulnerability information													
SA-15(9)	development process, standards, and tools   use of live data													
SA-15(10)	development process, standards, and tools   incident response plan													
SA-15(11)	development process, standards, and tools   archive information system / component													
SA-16	Developer-Provided Training			х										
SA-17	Developer Security Architecture and Design			х										
SA-17(1)	developer security architecture and design   formal policy model													
SA-17(2)	developer security architecture and design   security-relevant components													
SA-17(3)	developer security architecture and design   formal correspondence													
SA-17(4)	developer security architecture and design   informal correspondence													
SA-17(5)	developer security architecture and design   conceptually simple design													
SA-17(6)	developer security architecture and design   structure for testing													
SA-17(7)	developer security architecture and design   structure for least privilege													
SA-18	Tamper Resistance and Detection													
SA-18(1)	tamper resistance and detection   multiple phases of sdlc													
SA-18(2)	tamper resistance and detection   inspection of information systems, components, or devices													
SA-19	Component Authenticity													
SA-19(1)	component authenticity   anti-counterfeit training													
SA-19(2)	component authenticity   configuration control for component service / repair													
SA-19(3)	component authenticity   component disposal													
SA-19(4)	component authenticity   anti-counterfeit scanning													
SA-20	<b>Customized Development of Critical Components</b>													
SA-21	Developer Screening													
SA-21(1)	developer screening   validation of screening													
SA-22	Unsupported System Components													
SA-22(1)	unsupported system components   alternative sources for continued support													
	SYSTEM AND	СОММ	UNICATI	ONS PRO	TECTIO	N CONTR	ROLS							
SC-1	System and Communications Protection Policy and Procedures	x	х	х	x	х	х	х	x	x	х	x	х	х
SC-2	Application Partitioning		х	х	х	х	х	х	х	х				
SC-2(1)	application partitioning   interfaces for non-privileged users													
SC-3	Security Function Isolation			Х						х				

KODE	Uraian		Baselin	e	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
SC-3(1)	security function isolation   hardware separation													
SC-3(2)	security function isolation   access / flow control functions													
SC-3(3)	security function isolation   minimize nonsecurity functionality													
SC-3(4)	security function isolation   module coupling and cohesiveness													
SC-3(5)	security function isolation   layered structures													
SC-4	Information in Shared Resources		X	х	х	х	х							
SC-4(1)	information in shared resources   security levels													
SC-4(2)	information in shared resources   periods processing													
SC-5	Denial of Service Protection	X	х	Х							Х	Х	Х	
SC-5(1)	denial of service protection   restrict internal users										Х	Х	Х	
SC-5(2)	denial of service protection   excess capacity / bandwidth / redundancy											x	x	
SC-5(3)	denial of service protection   detection / monitoring													
SC-6	Resource Availability												х	
SC-7	Boundary Protection	X	X	х	х	х	х	х	х	х				
SC-7(1)	boundary protection   physically separated subnetworks													
SC-7(2)	boundary protection   public access													
SC-7(3)	boundary protection   access points		х	Х	Х	Х	Х	х	х	х				
SC-7(4)	boundary protection   external telecommunications services		Х	х	x	Х	х	х	х	х				
SC-7(5)	boundary protection   deny by default / allow by exception		х	х	х	х	х	х	х	х				
SC-7(6)	boundary protection   response to recognized failures		•											
SC-7(7)	boundary protection   prevent split tunneling for remote devices		х	Х	Х	Х	Х	х	х	х				
SC-7(8)	boundary protection   route traffic to authenticated proxy servers			Х	Х	Х	Х	х	х	х				
SC-7(9)	boundary protection   restrict threatening outgoing communications traffic													
SC-7(10)	boundary protection   prevent unauthorized exfiltration													
SC-7(11)	boundary protection   restrict incoming communications traffic													
SC-7(12)	boundary protection   host-based protection													
SC-7(13)	boundary protection   isolation of security tools / mechanisms / support components													
SC-7(14)	boundary protection   protects against unauthorized physical connections													
SC-7(15)	boundary protection   route privileged network accesses													
SC-7(16)	boundary protection   prevent discovery of components / devices													
SC-7(17)	boundary protection   automated enforcement of protocol formats													
SC-7(18)	boundary protection   fail secure			х	х	х	х	х	х	х	х	х	х	
SC-7(19)	boundary protection   blocks communication from non-organizationally configured hosts													
SC-7(20)	boundary protection   dynamic isolation / segregation													

KODE	Uraian	j	Baseline	?	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	an	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
SC-7(21) b	boundary protection   isolation of information system components			х										
SC-7(22)	boundary protection   separate subnets for connecting to different security domains													
SC-7(23) b	boundary protection   disable sender feedback on protocol validation failure													
SC-8 T	Transmission Confidentiality and Integrity		х	х				х	х	х				
\$6.58(1)	transmission confidentiality and integrity   cryptographic or alternate physical protection		х	х					x	х				
SC-8(2)	transmission confidentiality and integrity   pre / post transmission handling													
SC-8(3)	transmission confidentiality and integrity   cryptographic protection for message externals													
SC-8(4)	transmission confidentiality and integrity   conceal / randomize communications													
SC-9 1	Transmission Confidentiality		•											
SC-10 N	Network Disconnect		х	X	х	х	х	х	х	х				
SC-11 T	Trusted Path													
SC-11(1) ti	trusted path   logical isolation													
SC-12	Cryptographic Key Establishment and Management	Х	x	х	х	х	х	х	Х	Х				х
SC-12(1) c	cryptographic key establishment and management   availability			X							х	х	x	
SC-12(2) c	cryptographic key establishment and management   symmetric keys													
SC-12(3) c	cryptographic key establishment and management   asymmetric keys													
SC-12(4) c	cryptographic key establishment and management   pki certificates													
	cryptographic key establishment and management   pki certificates / hardware tokens													
SC-13	Cryptographic Protection	х	х	X	х	х	х	х	Х	Х				
SC-13(1) c	cryptographic protection   fips-validated cryptography													
SC-13(2) c	cryptographic protection   nsa-approved cryptography													
SC-13(3) C	cryptographic protection   individuals without formal access approvals													
SC-13(4)	cryptographic protection   digital signatures													
SC-14 P	Public Access Protections													
SC-15	Collaborative Computing Devices	х	X	X	х	х	Х							
SC-15(1) c	collaborative computing devices   physical disconnect													
	collaborative computing devices   blocking inbound / outbound communications traffic													
	collaborative computing devices   disabling / removal in secure work areas													
SC-15(4) c	collaborative computing devices   explicitly indicate current participants													
SC-16 T	Transmission of Security Attributes													

KODE	Uraian		Baseline	e	Ke	erahasia	an	I	ntegrita	ıs	Ke	tersedia	aan	Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
SC-16(1)	transmission of security attributes   integrity validation													
SC-17	Public Key Infrastructure Certificates		Х	Х	X	X	Х	Х	Х	Х				х
SC-18	Mobile Code		х	Х				Х	х	Х				
SC-18(1)	mobile code   identify unacceptable code / take corrective actions													
SC-18(2)	mobile code   acquisition / development / use													
SC-18(3)	mobile code   prevent downloading / execution													
SC-18(4)	mobile code   prevent automatic execution													
SC-18(5)	mobile code   allow execution only in confined environments													
SC-19	Voice Over Internet Protocol		х	X	X	X	х	x	х	х				
SC-20	Secure Name /Address Resolution Service (Authoritative Source)	x	x	х				x	х	х				
SC-20(1)	secure name / address resolution service (authoritative source)   child subspaces													
SC-20(2)	secure name / address resolution service (authoritative source)   data origin / integrity													
SC-21	Secure Name /Address Resolution Service (Recursive or Caching Resolver)	x	x	x				х	x	x				
SC-21(1)	secure name / address resolution service (recursive or caching resolver)   data origin / integrity													
SC-22	Architecture and Provisioning for Name/Address Resolution Service	х	x	x	х	х	х	x	x	x	х	х	x	
SC-23	Session Authenticity		x	х				x	x	х				
SC-23(1)	session authenticity   invalidate session identifiers at logout													
SC-23(2)	session authenticity   user-initiated logouts / message displays													
SC-23(3)	session authenticity   unique session identifiers with randomization													
SC-23(4)	session authenticity   unique session identifiers with randomization													
SC-23(5)	session authenticity   allowed certificate authorities													
SC-24	Fail in Known State			Х	х	X	х	Х	x	Х				
SC-25	Thin Nodes													
SC-26	Honeypots													
SC-26(1)	honeypots   detection of malicious code													
SC-27	Platform-Independent Applications													
SC-28	Protection of Information at Rest		х	х	х	X	х	x	х	х				
SC-28(1)	protection of information at rest   cryptographic protection													
SC-28(2)	protection of information at rest   off-line storage													
SC-29	Heterogeneity													
SC-29(1)	heterogeneity   virtualization techniques													
SC-30	Concealment and Misdirection													
SC-30(1)	concealment and misdirection   virtualization techniques													

KODE	Uraian	Baseline			Kerahasiaan			Integritas			Ke	Kontrol		
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
SC-30(2)	concealment and misdirection   randomness													
SC-30(3)	concealment and misdirection   change processing / storage locations													
SC-30(4)	concealment and misdirection   misleading information													
SC-30(5)	concealment and misdirection   concealment of system components													
SC-31	Covert Channel Analysis													
SC-31(1)	covert channel analysis   test covert channels for exploitability													
SC-31(2)	covert channel analysis   maximum bandwidth													
SC-31(3)	covert channel analysis   measure bandwidth in operational environments													
SC-32	Information System Partitioning													
SC-33	Transmission Preparation Integrity													
SC-34	Non-Modifiable Executable Programs													
SC-34(1)	non-modifiable executable programs   no writable storage													
SC-34(2)	non-modifiable executable programs   integrity protection / read-only media													
SC-34(3)	non-modifiable executable programs   hardware-based protection													
SC-35	Honeyclients													
SC-36	Distributed Processing and Storage													
SC-36(1)	distributed processing and storage   polling techniques													
SC-37	Out-of-Band Channels													
SC-37(1)	out-of-band channels   ensure delivery / transmission													
SC-38	Operations Security													
SC-39	Process Isolation	X	x	x	x	x	x	x	x	x	x	x	x	
SC-39(1)	process isolation   hardware separation													
SC-39(2)	process isolation   thread isolation													
SC-40	Wireless Link Protection													
SC-40(1)	wireless link protection   electromagnetic interference													
SC-40(2)	wireless link protection   reduce detection potential													
SC-40(3)	wireless link protection   imitative or manipulative communications deception													
SC-40(4)	wireless link protection   signal parameter identification													
SC-41	Port and I/O Device Access													
SC-42	Sensor Capability and Data													
SC-42(1)	sensor capability and data   reporting to authorized individuals or roles													
SC-42(2)	sensor capability and data   authorized use													
SC-42(3)	sensor capability and data   prohibit use of devices													
SC-43	Usage Restrictions													

KODE	Uraian	Baseline			Ke	erahasia	an	I	ntegrita	ıs	Ketersediaan			Kontrol
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
SC-44	Detonation Chambers													
	SYSTEM AND INFORMATION INTEGRITY CONTROLS													
SI-1	System and Information Integrity Policy and Procedures	X	х	X	X	х	X	х	х	X	X	Х	х	х
SI-2	Flaw Remediation	х	х	X				х	х	х				
SI-2(1)	flaw remediation   central management			X										
SI-2(2)	flaw remediation   automated flaw remediation status		х	X					х	x				x
SI-2(3)	flaw remediation   time to remediate flaws / benchmarks for corrective actions													
SI-2(4)	flaw remediation   automated patch management tools													
SI-2(5)	flaw remediation   automatic software / firmware updates													
SI-2(6)	flaw remediation   removal of previous versions of software / firmware													
SI-3	Malicious Code Protection	X	X	X				x	х	x				
SI-3(1)	malicious code protection   central management		X	X				x	х	x				х
SI-3(2)	malicious code protection   automatic updates		х	X				x	х	x				
SI-3(3)	malicious code protection   non-privileged users													
SI-3(4)	malicious code protection   updates only by privileged users													
SI-3(5)	malicious code protection   portable storage devices													
SI-3(6)	malicious code protection   testing / verification													
SI-3(7)	malicious code protection   nonsignature-based detection													
SI-3(8)	malicious code protection   detect unauthorized commands													
SI-3(9)	malicious code protection   authenticate remote commands													
SI-3(10)	malicious code protection   malicious code analysis													
SI-4	Information System Monitoring	Х	Х	X				Х	Х	Х				
SI-4(1)	information system monitoring   system-wide intrusion detection system							x	x	х				
SI-4(2)	information system monitoring   automated tools for real-time analysis		х	х				x	x	x				
SI-4(3)	information system monitoring   automated tool integration													
SI-4(4)	information system monitoring   inbound and outbound communications traffic		x	х	x	x	x	x	x	x				
SI-4(5)	information system monitoring   system-generated alerts		х	X				х	х	х				
SI-4(6)	information system monitoring   restrict non-privileged users													
SI-4(7)	information system monitoring   automated response to suspicious events													
SI-4(8)	information system monitoring   protection of monitoring information													
SI-4(9)	information system monitoring   testing of monitoring tools													
SI-4(10)	information system monitoring   visibility of encrypted communications													
SI-4(11)	information system monitoring   analyze communications traffic anomalies													

KODE	Uraian	Baseline		Kerahasiaan			Integritas			Ketersediaan			Kontrol	
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
SI-4(12)	information system monitoring   automated alerts													
SI-4(13)	information system monitoring   analyze traffic / event patterns													
SI-4(14)	information system monitoring   wireless intrusion detection													
SI-4(15)	information system monitoring   wireless to wireline communications													
SI-4(16)	information system monitoring   correlate monitoring information													
SI-4(17)	information system monitoring   integrated situational awareness													
SI-4(18)	information system monitoring   analyze traffic / covert exfiltration													
SI-4(19)	information system monitoring   individuals posing greater risk													
SI-4(20)	information system monitoring   privileged user													
SI-4(21)	information system monitoring   probationary periods													
SI-4(22)	information system monitoring   unauthorized network services													
SI-4(23)	information system monitoring   host-based devices													
SI-4(24)	information system monitoring   indicators of compromise													
SI-5	Security Alerts, Advisories, and Directives	X	X	Х				x	X	X				Х
SI-5(1)	security alerts, advisories, and directives   automated alerts and advisories			х				х	x	x				х
SI-6	Security Function Verification			Х				х	Х	х				
SI-6(1)	security function verification   notification of failed security tests													
SI-6(2)	security function verification   automation support for distributed testing													
SI-6(3)	security function verification   report verification results													
SI-7	Software, Firmware, and Information Integrity		X	Х						X				
SI-7(1)	software, firmware, and information integrity   integrity checks		X	Х						X				
SI-7(2)	software, firmware, and information integrity   automated notifications of integrity violations			x						x				
SI-7(3)	software, firmware, and information integrity   centrally managed integrity tools													
SI-7(4)	software, firmware, and information integrity   tamper-evident packaging													
SI-7(5)	software, firmware, and information integrity   automated response to integrity violations			x										
SI-7(6)	software, firmware, and information integrity   cryptographic protection											_		
SI-7(7)	software, firmware, and information integrity   integration of detection and response		х	х										
SI-7(8)	software, firmware, and information integrity   auditing capability for significant events													
SI-7(9)	software, firmware, and information integrity   verify boot process													
SI-7(10)	software, firmware, and information integrity   protection of boot firmware													

KODE	Uraian	Baseline		Kerahasiaan			Integritas			Ketersediaan			Kontrol	
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
SI-7(11)	software, firmware, and information integrity   confined environments with limited privileges													
SI-7(12)	software, firmware, and information integrity   integrity verification													
SI-7(13)	software, firmware, and information integrity   code execution in protected environments													
SI-7(14)	software, firmware, and information integrity   binary or machine executable code			х										
SI-7(15)	software, firmware, and information integrity   code authentication													
SI-7(16)	software, firmware, and information integrity   time limit on process execution without supervision													
SI-8	Spam Protection		х	х				х	х	х	Х	х	х	
SI-8(1)	spam protection   central management		х	х				х	Х	Х	х	х	х	х
SI-8(2)	spam protection   automatic updates		х	х				Х	х	х	Х	Х	х	
SI-8(3)	spam protection   continuous learning capability													
SI-9	Information Input Restrictions		•											
SI-10	Information Input Validation		x	х					х	х				
SI-10(1)	information input validation   manual override capability													
SI-10(2)	information input validation   review / resolution of errors													
SI-10(3)	information input validation   predictable behavior													
SI-10(4)	information input validation   review / timing interactions													
SI-10(5)	information input validation   review / restrict inputs to trusted sources and approved formats													
SI-11	Error Handling		x	х				х	x	х				
SI-12	Information Handling and Retention	X	x	х	х	х	х	x	х	х				
SI-13	Predictable Failure Prevention												x	
SI-13(1)	predictable failure prevention   transferring component responsibilities													
SI-13(2)	predictable failure prevention   time limit on process execution without supervision													
SI-13(3)	predictable failure prevention   manual transfer between components													
SI-13(4)	predictable failure prevention   standby component installation / notification													
SI-13(5)	predictable failure prevention   failover capability													
SI-14	Non-Persistence													
SI-14(1)	non-persistence   refresh from trusted sources													
SI-15	Information Output Filtering													
SI-16	Memory Protection		х	х										
SI-17	Fail-Safe Procedures													
	P	ROGAM .	MANAGE	EMENT C	ONTROL	S								
PM-1	Information Security Program Plan				х	х	Х	Х	X	X	Х	Х	х	x

KODE	Uraian	Baseline			Kerahasiaan			I	ntegrita	ıs	Ke	Kontrol		
NO.	Detail Kontrol Keamanan	R	S	T	R	S	T	R	S	T	R	S	T	Umum
PM-2	Senior Information Security Officer				х	Х	х	х	X	X	X	х	X	х
PM-3	Information Security Resources				X	x	X	x	X	X	X	x	х	х
PM-4	Plan Of Action And Milestones Process				X	x	X	x	X	X	X	x	х	х
PM-5	Information System Inventory				X	X	X	X	X	X	X	X	X	х
PM-6	Information Security Measures Of Performance				Х	х	Х	x	X	Х	X	x	х	х
PM-7	Enterprise Architecture				х	x	Х	x	X	Х	Х	x	х	х
PM-8	Critical Infrastructure Plan				X	x	X	x	X	X	X	x	х	х
PM-9	Risk Management Strategy				X	x	X	x	X	X	X	x	х	х
PM-10	Security Authorization Process				X	X	X	X	X	X	X	X	X	х
PM-11	Mission/Business Process Definition				X	X	X	X	X	X	X	X	X	х
PM-12	Insider Threat Program				Х	х	Х	x	X	Х	X	x	х	х
PM-13	Information Security Workforce				X	X	х	х	X	X	X	X	X	х
PM-14	Testing, Training, And Monitoring				х	Х	х	х	X	Х	X	х	Х	х
PM-15	Contacts With Security Groups And Associations				X	X	X	Х	X	X	X	X	X	х
PM-16	Threat Awareness Program				X	X	X	х	X	Х	X	X	X	х