## 2Contact

## Statement Of Applicability

Deel IV: Risico's en Continuiteit IV.04-02 SOA - 23/3/2021

Openbaa

Clause	Title	Description	Applicable	Implemented	
Clause	Title	Description	Applicable	Implemented	
A.5	Information security policies				
A.5.1	Management direction for information	To provide management direction and support for information security			
1 A.5.1.1	Policies for information security	A set of policies for information security shall be defined, approved by	Yes	Yes	
2 A.5.1.2	Review of the policies for information	The policies for information security shall be reviewed at planned	Yes	Yes	
A.6	Organization of information security				
A.6.1	Internal organization	To establish a management framework to initiate and control the			
3 A.6.1.1	Information security roles and	All information security responsibilities shall be defined and allocated.	Yes	Yes	
4 A.6.1.2	Segregation of duties	Conflicting duties and areas of responsibility shall be segregated to	Yes	Yes	
5 A.6.1.3	Contact with authorities	Appropriate contacts with relevant authorities shall be maintained.	Yes	Yes	
6 A.6.1.4	Contact with special interest groups	Appropriate contacts with special interest groups or other specialist	Yes	Yes	
7 A.6.1.5	Information security in project	Information security shall be addressed in project management,	100	100	
	management	regardless of the type of the project.			
			Yes	Yes	
A.6.2	Mobile devices and teleworking	To ensure the security of teleworking and use of mobile devices.			
8 A.6.2.1	Mobile device policy	A policy and supporting security measures shall be adopted to			
		manage the risks introduced by using mobile devices.	Yes	Yes	
9 A.6.2.2	Teleworking	A policy and supporting security measures shall be implemented to	Yes	Yes	
A.7	Human resource security				
A.7.1	Prior to employment	To ensure that employees and contractors understand their			
0 A.7.1.1	Screening	Background verification checks on all candidates for employment	Yes	Yes	
1 A.7.1.2	Terms and conditions of employment	The contractual agreements with employees and contractors shall	Yes	Yes	
A.7.2	During employment	To ensure that employees and contractors are aware of and fulfil their			
2 A.7.2.1	Management responsibilities	Management shall require all employees and contractors to apply	Yes	Yes	
3 A.7.2.2	Information security awareness,	All employees of the organization and, where relevant, contractors	Yes	Yes	
4 A.7.2.3	Disciplinary process	There shall be a formal and communicated disciplinary process in	Yes	Yes	
A.7.3		To protect the organization's interests as part of the process of			
5 A.7.3.1	Termination or change of employment	Information security responsibilities and duties that remain valid after			
	responsibilities	termination or change of employment shall be defined, communicated	Yes	Yes	
		to the employee or contractor and enforced.	Tes	Tes	
A.8	Asset management				
A.8.1	Responsibility for assets	To identify organizational assets and define appropriate protection			
6 A.8.1.1	Inventory of assets	Assets associated with information and information processing	Yes	Yes	
7 A.8.1.2	Ownership of assets	Assets maintained in the inventory shall be owned.	Yes	Yes	
8 A.8.1.3	Acceptable use of assets	Rules for the acceptable use of information and of assets associated	Yes	Yes	
9 A.8.1.4	Return of assets	All employees and external party users shall return all of the	Yes	Yes	
A.8.2	Information classification	To ensure that information receives an appropriate level of protection			
0 A.8.2.1	Classification of information	Information shall be classified in terms of legal requirements, value,	Yes	Yes	
21 A.8.2.2	Labelling of information	An appropriate set of procedures for information labelling shall be	Yes	Yes	
22 A.8.2.3	Handling of assets	Procedures for handling assets shall be developed and implemented	Yes	Yes	
A.8.3	Media handling	To prevent unauthorized disclosure, modification, removal or			
3 A.8.3.1	Management of removable media	Procedures shall be implemented for the management of removable	Yes	Yes	
4 A.8.3.2	Disposal of media	Media shall be disposed of securely when no longer required, using	Yes	Yes	
5 A.8.3.3	Physical media transfer	Media containing information shall be protected against unauthorized	Yes	Yes	
A.9	Access control				
A.9.1	Business requirements of access	To limit access to information and information processing facilities.			
6 A.9.1.1	Access control policy	An access control policy shall be established, documented and	Yes	Yes	
7 A.9.1.2	Access to networks and network	Users shall only be provided with access to the network and network	Yes	Yes	
A.9.2	User access management	To ensure authorized user access and to prevent unauthorized			
8 A.9.2.1	User registration and de-registration	A formal user registration and de-registration process shall be	Yes	Yes	
9 A.9.2.2	User access provisioning	A formal user access provisioning process shall be implemented to	Yes	Yes	
0 A.9.2.3	Management of privileged access	The allocation and use of privileged access rights shall be restricted	Yes	Yes	
1 A.9.2.4	Management of secret authentication	The allocation of secret authentication information shall be controlled			
2 A.9.2.5	Review of user access rights	Asset owners shall review users' access rights at regular intervals.	Yes	Yes	
3 A.9.2.6	Sector s sector sector sec	The access rights of all employees and external party users to	Yes	Yes	
A.9.2.0	User responsibilities	To make users accountable for safeguarding their authentication	Yes	Yes	
			¥/	Ve	
4 A.9.3.1	Use of secret authentication	Users shall be required to follow the organization's practices in the	Yes	Yes	
A.9.4	System and application access control	To prevent unauthorized access to systems and applications.			
5 A.9.4.1	Information access restriction	Access to information and application system functions shall be	Yes	Yes	
6 A.9.4.2	Secure log-on procedures	Where required by the access control policy, access to systems and	Yes	Yes	
7 A.9.4.3	Password management system	Password management systems shall be interactive and shall ensure	Yes	Yes	
8 A.9.4.4	Use of privileged utility programs	The use of utility programs that might be capable of overriding system	Yes	Yes	
9 A.9.4.5		Access to program source code shall be restricted.	Yes	Yes	
A.10	Cryptography				
A.10.1	Cryptographic controls	To ensure proper and effective use of cryptography to protect the			
0 A.10.1.1	Policy on the use of cryptographic	A policy on the use of cryptographic controls for protection of	Yes	Yes	
1 A.10.1.2	Key management	A policy on the use, protection and lifetime of cryptographic keys shall	Yes	Yes	
A.11	Physical and environmental security				
A.11.1	Secure areas	To prevent unauthorized physical access, damage and interference to			
2 A.11.1.1	Physical security perimeter	Security perimeters shall be defined and used to protect areas that	Yes	Yes	
3 A.11.1.2	Physical entry controls	Secure areas shall be protected by appropriate entry controls to	Yes	Yes	
4 A.11.1.3	Securing offices, rooms and facilities	Physical security for offices, rooms and facilities shall be designed	Yes	Yes	
5 A.11.1.4	Protecting against external and	Physical security to onces, rooms and racines shall be designed Physical protection against natural disasters, malicious attack or	Yes	Yes	
6 A.11.1.5	Working in secure areas	Procedures for working in secure areas shall be designed and	Yes	Yes	
7 A.11.1.6		Access points such as delivery and loading areas and other points			
M.11.1.0	Delivery and loading areas	· · · · · · · · · · · · · · · · · · ·	Yes	Yes	
A.11.2	Equipment	To prevent loss, damage, theft or compromise of assets and			

49 A.11.2.2	Supporting utilities	Equipment shall be protected from power failures and other disruptions caused by failures in supporting utilities.			
			Yes	Yes	
50 A.11.2.3	Cabling security	Power and telecommunications cabling carrying data or supporting	Yes	Yes	
51 A.11.2.4	Equipment maintenance	Equipment shall be correctly maintained to ensure its continued	Yes	Yes	
52 A.11.2.5	Removal of assets	Equipment, information or software shall not be taken off-site without	Yes	Yes	
53 A.11.2.6		Security shall be applied to off-site assets taking into account the	Yes	Yes	
54 A.11.2.7 55 A.11.2.8	Unattended user equipment	All items of equipment containing storage media shall be verified to Users shall ensure that unattended equipment has appropriate	Yes	Yes	
56 A.11.2.9	Clear desk and clear screen policy	A clear desk policy for papers and removable storage media and a	Yes	Yes	
A.12	Operations security		165	165	
A.12.1	Operational procedures and	To ensure correct and secure operations of information processing			
57 A.12.1.1	Documented operating procedures	Operating procedures shall be documented and made available to all	Yes	Yes	
58 A.12.1.2	Change management	Changes to the organization, business processes, information	Yes	Yes	
59 A.12.1.3	Capacity management	The use of resources shall be monitored, tuned and projections made	Yes	Yes	
60 A.12.1.4		Development, testing, and operational environments shall be	Yes	Yes	
A.12.2	Protection from malware	To ensure that information and information processing facilities are		122.00	
61 A.12.2.1 A.12.3	Controls against malware Backup	Detection, prevention and recovery controls to protect against To protect against loss of data.	Yes	Yes	
62 A.12.3.1	Information backup	Backup copies of information, software and system images shall be	Yes	Yes	
A.12.4	Logging and monitoring	To record events and generate evidence.	Tes	Tes	
63 A.12.4.1	Event logging	Event logs recording user activities, exceptions, faults and	Yes	Yes	
64 A.12.4.2	Protection of log information	Logging facilities and log information shall be protected against	Yes	Yes	
65 A.12.4.3	Administrator and operator logs	System administrator and system operator activities shall be logged	Yes	Yes	
66 A.12.4.4	Clock synchronisation	The clocks of all relevant information processing systems within an	Yes	Yes	
A.12.5	Control of operational software	To ensure the integrity of operational systems.			
67 A.12.5.1	Installation of software on operational	Procedures shall be implemented to control the installation of	Yes	Yes	
A.12.6	Technical vulnerability management	To prevent exploitation of technical vulnerabilities.			
68 A.12.6.1	-	Information about technical vulnerabilities of information systems	Yes	Yes	
69 A.12.6.2 A.12.7	Restrictions on software installation Information systems audit	Rules governing the installation of software by users shall be	Yes	Yes	
A.12.7 70 A.12.7.1	Information systems audit controls	To minimise the impact of audit activities on operational systems. Audit requirements and activities involving verification of operational systems shall be carefully planned and agreed to minimise			
		disruptions to business processes.	Yes	Yes	
			165	165	
A.13	Communications security				
A.13.1	Network security management	To ensure the protection of information in networks and its supporting			
71 A.13.1.1	Network controls	Networks shall be managed and controlled to protect information in	Yes	Yes	
72 A.13.1.2	Security of network services	Security mechanisms, service levels and management requirements	Yes	Yes	
73 A.13.1.3 A.13.2	Segregation in networks Information transfer	Groups of information services, users and information systems shall To maintain the security of information transferred within an	Yes	Yes	
74 A.13.2.1	Information transfer policies and	Formal transfer policies, procedures and controls shall be in place to	Yes	Yes	
	information transfer policies and				
75 A.13.2.2	Agreements on information transfer	Agreements shall address the secure transfer of business information	Yes	Yes	
	Agreements on information transfer Electronic messaging	Agreements shall address the secure transfer of business information Information involved in electronic messaging shall be appropriately	Yes Yes	Yes Yes	
76 A.13.2.3		Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information	Yes	Yes	
76 A.13.2.3 77 A.13.2.4	Electronic messaging Confidentiality or nondisclosure agreements	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements			
A.13.2.3 77 A.13.2.4 A.14	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes	Yes	
76 A.13.2.3 77 A.13.2.4 A.14 A.14.1	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes	Yes	
<ul> <li>76 A.13.2.3</li> <li>77 A.13.2.4</li> <li>A.14</li> <li>A.14.1</li> <li>78 A.14.1.1</li> </ul>	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes	Yes Yes Yes	
76 A.13.2.3 77 A.13.2.4 A.14 A.14.1 78 A.14.1.1 79 A.14.1.2	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	
76 A.13.2.3 77 A.13.2.4 A.14 A.14.1 78 A.14.1.1 79 A.14.1.2	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes	Yes Yes Yes	
<ul> <li>76 A.13.2.3</li> <li>77 A.13.2.4</li> <li>A.14.</li> <li>A.14.1</li> <li>78 A.14.1.1</li> <li>79 A.14.1.2</li> <li>80 A.14.1.3</li> <li>A.14.2</li> </ul>	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public Protecting application services	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	
<ul> <li>76 A.13.2.3</li> <li>77 A.13.2.4</li> <li>A.14.</li> <li>A.14.1</li> <li>78 A.14.1.1</li> <li>79 A.14.1.2</li> <li>80 A.14.1.3</li> <li>A.14.2</li> <li>81 A.14.2.1</li> </ul>	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services Security in development and support	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	
76         A.13.2.3           77         A.13.2.4           A.14         A.14.1           78         A.14.1.1           79         A.14.1.2           80         A.14.1.3           A.14.2         A.14.2           81         A.14.2.1	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public Protecting application services Security in development and support Secure development policy	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	
76       A.13.2.3         77       A.13.2.4         A.13       A.14         A.14.1       78         79       A.14.1.1         78       A.14.1.2         80       A.14.2.1         81       A.14.2.1         82       A.14.2.3         83       A.14.2.3         84       A.14.2.3	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public Protecting application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes	
76       A.13.2.3         77       A.13.2.4         A.13.2.4       A.14.2         A.14.1       78         78       A.14.1.1         79       A.14.1.2         80       A.14.1.2         81       A.14.2         83       A.14.2.3         84       A.14.2.4         85       A.14.2.5	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public Protecting application services Secure development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure system engineering principles	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
76       A.13.2.3         77       A.13.2.4         A.13.2.4       A.14.2         A.14       A.14.1         79       A.14.1.2         80       A.14.1.2         81       A.14.2         82       A.14.2.1         82       A.14.2.3         84       A.14.2.4         85       A.14.2.4         86       A.14.2.5         86       A.14.2.5	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure development environment	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
76       A.13.2.3         77       A.13.2.4         77       A.13.2.4         8       A.14.1         78       A.14.1.1         79       A.14.1.2         80       A.14.1.3         A.14.2       81         81       A.14.2.1         82       A.14.2.3         83       A.14.2.4         84       A.14.2.5         86       A.14.2.6         87       A.14.2.6	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services Protecting application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure system engineering principles Secure development environment Outsourced development	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
76       A.13.2.3         77       A.13.2.4         77       A.13.2.4         8       A.14.1         78       A.14.1.1         79       A.14.1.2         80       A.14.1.3         A.14.2       B1         81       A.14.2.1         82       A.14.2.3         84       A.14.2.3         85       A.14.2.5         86       A.14.2.6         87       A.14.2.7         88       A.14.2.7         88       A.14.2.7	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public Protecting application services on public Protecting application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure system engineering principles Secure development environment Outsourced development System security testing	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
76       A.13.2.3         77       A.13.2.4         77       A.13.2.4         8       A.14.1         78       A.14.1.1         79       A.14.1.2         80       A.14.1.3         A.14.2       B1         81       A.14.2.1         82       A.14.2.3         84       A.14.2.3         85       A.14.2.5         86       A.14.2.6         87       A.14.2.7         88       A.14.2.7         88       A.14.2.7	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services Protecting application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure system engineering principles Secure development environment Outsourced development	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
76       A.13.2.3         77       A.13.2.4         A.13.2.4       A.14.2.4         A.14.1       78         78       A.14.1.1         78       A.14.1.2         80       A.14.2.1         81       A.14.2.1         82       A.14.2.1         83       A.14.2.1         84       A.14.2.3         85       A.14.2.4         86       A.14.2.5         88       A.14.2.7         88       A.14.2.8         89       A.14.2.9	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public Protecting application services on public Protecting application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure system engineering principles Secure development environment Outsourced development System security testing System acceptance testing	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
76       A.13.2.3         77       A.13.2.4         77       A.13.2.4         81       A.14.1         78       A.14.1.1         79       A.14.1.2         80       A.14.2.2         81       A.14.2.1         82       A.14.2.3         84       A.14.2.4         85       A.14.2.5         86       A.14.2.6         87       A.14.2.7         88       A.14.2.8         89       A.14.2.9         9       A.14.3	Electronic messaging Confidentiality or nondisclosure agreements Security requirements of information Information security requirements Securing application services on public Protecting application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure development environment Outsourced development System security testing System acceptance testing	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
A.13.2.3         A.13.2.4         A.13.2.4         A.13.2.4         A.14.1         R.14.1.1         79         A.14.1.2         80         A.14.1.3         A.14.2         81         A.14.2.1         82         A.14.2.3         84         A.14.2.4         85         A.14.2.5         86         A.14.2.6         87         A.14.2.7         88         A.14.2.8         89         A.14.2.9         A.14.3         90         A.14.3.1	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure system engineering principles Secure development Outsourced development System security testing System acceptance testing	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
76       A.13.2.3         77       A.13.2.4         77       A.13.2.4         78       A.14.1         78       A.14.1.1         79       A.14.1.2         80       A.14.1.3         A.14.2       B1         81       A.14.2.1         82       A.14.2.3         84       A.14.2.4         85       A.14.2.5         86       A.14.2.6         87       A.14.2.6         88       A.14.2.7         88       A.14.2.8         89       A.14.2.9         90       A.14.3.1         A.15	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public Protecting application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure system engineering principles Secure development environment Outsourced development System security testing System acceptance testing Test data Protection of test data Supplier relationships	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
76       A.13.2.3         77       A.13.2.4         A.13.2.4       A.14.2.4         A.14.1       A.14.1.1         78       A.14.1.2         80       A.14.1.3         A.14.2       B1         A.14.2.1       B2         81       A.14.2.1         82       A.14.2.4         85       A.14.2.5         86       A.14.2.6         87       A.14.2.7         88       A.14.2.7         89       A.14.2.8         89       A.14.2.9         90       A.14.3         90       A.14.3.1         A.15.1         A.15.1	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public Protecting application services on public Protecting application services on public Protecting application services on public Secure development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure system engineering principles Secure development environment Outsourced development System acceptance testing Test data Protection of test data Supplier relationships Information security in supplier	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
76       A.13.2.3         77       A.13.2.4         77       A.13.2.4         8       A.14.1         79       A.14.1.1         79       A.14.1.2         80       A.14.2.1         81       A.14.2.1         82       A.14.2.2         83       A.14.2.3         84       A.14.2.4         85       A.14.2.5         86       A.14.2.5         88       A.14.2.7         88       A.14.2.8         89       A.14.2.9         90       A.14.3.1         A.15       A.15.1	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public Protecting application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure system engineering principles Secure development environment Outsourced development System security testing System acceptance testing Test data Protection of test data Supplier relationships	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
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76       A.13.2.3         77       A.13.2.4         77       A.13.2.4         78       A.14.1         78       A.14.1.1         79       A.14.1.2         80       A.14.1.3         71       A.14.2.1         82       A.14.2.1         82       A.14.2.3         84       A.14.2.4         85       A.14.2.4         85       A.14.2.5         86       A.14.2.6         87       A.14.2.6         88       A.14.2.6         89       A.14.2.6         80       A.14.2.6         81       A.14.2.6         82       A.14.2.6         83       A.14.2.6         84       A.14.2.6         85       A.14.2.6         80       A.14.2.6         81       A.14.2.6         82       A.14.2.6         83       A.14.2.6         84       A.15.1         92       A.15.1.1         92       A.15.1.2         93       A.15.2.1         94       A.15.2.2         A.16.1	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public Protecting application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure system engineering principles Secure development environment Outsourced development System acceptance testing Test data Protection of test data Supplier relationships Information security in supplier Information security in supplier Information and communication Supplier service delivery management Monitoring and review of supplier Managing changes to supplier servicess Information security incident Management of information security	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented. To ensure that information security is an integral part of information The information security related requirements shall be included in the Information involved in application services passing over public Information involved in application service transactions shall be To ensure that information security is designed and implemented Rules for the development of software and systems shall be When operating platforms are changed, business critical applications Modifications to software packages shall be discouraged, limited to Principles for engineering secure systems shall be established, Organization shall establish and appropriately protect secure The organization shall supervise and monitor the activity of Testing of security functionality shall be carried out during Acceptance testing programs and related criteria shall be established for new information systems, upgrades and new versions. To ensure the protection of data used for testing. Test data shall be selected carefully, protected and controlled. To ensure protection of the organization's assets that is accessible by Information security requirements for mitigating the risks associated All relevant information security requirements shall be established Agreements with suppliers shall include requirements to address the To maintain an agreed level of information security and service Organizations shall regularly monitor, review and aduit supplier Changes to the provision of services by suppliers, including To ensure a consistent and effective approach to the management of	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
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76       A.13.2.3         77       A.13.2.4         77       A.13.2.4         78       A.14.1         78       A.14.1.1         79       A.14.1.2         80       A.14.1.3         71       A.14.2.1         82       A.14.2.1         82       A.14.2.3         84       A.14.2.4         85       A.14.2.4         85       A.14.2.5         86       A.14.2.6         87       A.14.2.6         88       A.14.2.6         89       A.14.2.6         80       A.14.2.6         81       A.14.2.6         82       A.14.2.6         83       A.14.2.6         84       A.14.2.6         85       A.14.2.6         80       A.14.2.6         81       A.14.2.6         82       A.14.2.6         83       A.14.2.6         84       A.15.1         92       A.15.1.1         92       A.15.1.2         93       A.15.2.1         94       A.15.2.2         A.16.1	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public Protecting application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure system engineering principles Secure development environment Outsourced development System acceptance testing Test data Protection of test data Supplier relationships Information security in supplier Information security in supplier Information and communication Supplier service delivery management Monitoring and review of supplier Managing changes to supplier servicess Information security incident Management of information security	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented. To ensure that information security is an integral part of information The information security related requirements shall be included in the Information involved in application services passing over public Information involved in application service transactions shall be To ensure that information security is designed and implemented Rules for the development of software and systems shall be When operating platforms are changed, business critical applications Modifications to software packages shall be discouraged, limited to Principles for engineering secure systems shall be established, Organization shall establish and appropriately protect secure The organization shall supervise and monitor the activity of Testing of security functionality shall be carried out during Acceptance testing programs and related criteria shall be established for new information systems, upgrades and new versions. To ensure the protection of data used for testing. Test data shall be selected carefully, protected and controlled. To ensure protection of the organization's assets that is accessible by Information security requirements for mitigating the risks associated All relevant information security requirements shall be established Agreements with suppliers shall include requirements to address the To maintain an agreed level of information security and service Organizations shall regularly monitor, review and aduit supplier Changes to the provision of services by suppliers, including To ensure a consistent and effective approach to the management of	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	
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76       A.13.2.3         77       A.13.2.4         77       A.13.2.4         78       A.14.2.4         78       A.14.1.1         79       A.14.1.2         80       A.14.1.3         A.14.2       A.14.2.1         81       A.14.2.4         82       A.14.2.3         84       A.14.2.4         85       A.14.2.6         87       A.14.2.6         88       A.14.2.6         89       A.14.2.7         88       A.14.2.6         89       A.14.2.7         80       A.14.2.6         81       A.14.2.7         82       A.14.2.7         83       A.14.2.7         84       A.14.2.6         89       A.14.2.7         80       A.14.3.1         A.15.1       A.15.1         91       A.15.1.1         92       A.15.2.1         93       A.15.2.1         94       A.15.2.1         95       A.15.2.1         96       A.16.1.1         97       A.16.1.1	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure development policy System engineering principles Secure development Outsourced development System security testing System acceptance testing Test data Protection of test data Supplier relationships Information security policy for supplier Addressing security within supplier Information and communication Supplier service delivery management Monitoring and review of supplier Managing changes to supplier services Information security incident Management of information security Responsibilities and procedures	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes	
76       A.13.2.3         77       A.13.2.4         77       A.13.2.4         78       A.14.1         78       A.14.1.1         79       A.14.1.2         80       A.14.1.3         71       A.14.2.1         82       A.14.2.1         82       A.14.2.3         84       A.14.2.4         85       A.14.2.4         85       A.14.2.5         86       A.14.2.6         87       A.14.2.6         88       A.14.2.6         89       A.14.2.6         80       A.14.2.6         81       A.14.2.6         82       A.14.2.6         83       A.14.2.6         84       A.14.2.6         85       A.14.2.6         80       A.14.2.6         81       A.14.2.6         82       A.14.2.6         83       A.14.2.6         84       A.15.1         92       A.15.1.1         92       A.15.1.2         93       A.15.2.1         94       A.15.2.2         A.16.1	Electronic messaging Confidentiality or nondisclosure agreements System acquisition, development and Security requirements of information Information security requirements Securing application services on public Protecting application services Security in development and support Secure development policy System change control procedures Technical review of applications after Restrictions on changes to software Secure system engineering principles Secure development environment Outsourced development System acceptance testing Test data Protection of test data Supplier relationships Information security in supplier Information security in supplier Information and communication Supplier service delivery management Monitoring and review of supplier Managing changes to supplier servicess Information security incident Management of information security	Information involved in electronic messaging shall be appropriately Requirements for confidentiality or non-disclosure agreements reflecting the organization's needs for the protection of information shall be identified, regularly reviewed and documented.	Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	

100 A.16.1.5	Response to information security	Information security incidents shall be responded to in accordance	Yes	Yes
101 A.16.1.6	Learning from information security	Knowledge gained from analysing and resolving information security	Yes	Yes
102 A.16.1.7	Collection of evidence	The organization shall define and apply procedures for the	Yes	Yes
A.17	Information security aspects of			
A.17.1	Information security continuity	Information security continuity shall be embedded in the		
103 A.17.1.1	Planning information security continuity	The organization shall determine its requirements for information	Yes	Yes
104 A.17.1.2	Implementing information security	The organization shall establish, document, implement and maintain	Yes	Yes
105 A.17.1.3	Verify, review and evaluate information	The organization shall verify the established and implemented	Yes	Yes
A.17.2	Redundancies	To ensure availability of information processing facilities.		
106 A.17.2.1	Availability of information processing facilities	Information processing facilities shall be implemented with redundancy sufficient to meet availability requirements.		
			Yes	Yes
A.18	Compliance			
A.18	Compliance with legal and contractual	To avoid breaches of legal, statutory, regulatory or contractual		
107 A.18.1.1	Identification of applicable legislation	All relevant legislative statutory, regulatory, contractual requirements	N.	M
107 A.18.1.1 108 A.18.1.2	Intellectual property rights	Appropriate procedures shall be implemented to ensure compliance	Yes	Yes
106 A. 16. 1.2	intellectual property lights	with legislative, regulatory and contractual requirements related to intellectual property rights and use of proprietary software products.	Yes	Yes
109 A.18.1.3	Protection of records	with legislative, regulatory and contractual requirements related to		
		with legislative, regulatory and contractual requirements related to intellectual property rights and use of proprietary software products. Records shall be protected from loss, destruction, falsification, Privacy and protection of personally identifiable information shall be ensured as required in relevant legislation and regulation where	Yes Yes Yes	Yes Yes
109 A.18.1.3	Protection of records Privacy and protection of personally	with legislative, regulatory and contractual requirements related to intellectual property rights and use of proprietary software products. Records shall be protected from loss, destruction, falsification, Privacy and protection of personally identifiable information shall be	Yes	Yes
109 A.18.1.3 110 A.18.1.4	Protection of records Privacy and protection of personally identifiable information	with legislative, regulatory and contractual requirements related to intellectual property rights and use of proprietary software products. Records shall be protected from loss, destruction, falsification, Privacy and protection of personally identifiable information shall be ensured as required in relevant legislation and regulation where applicable. Cryptographic controls shall be used in compliance with all relevant	Yes Yes	Yes
109 A.18.1.3 110 A.18.1.4 111 A.18.1.5	Protection of records Privacy and protection of personally identifiable information Regulation of cryptographic controls	with legislative, regulatory and contractual requirements related to intellectual property rights and use of proprietary software products. Records shall be protected from loss, destruction, falsification, Privacy and protection of personally identifiable information shall be ensured as required in relevant legislation and regulation where applicable. Cryptographic controls shall be used in compliance with all relevant agreements, legislation and regulations.	Yes Yes	Yes
109 A.18.1.3 110 A.18.1.4 111 A.18.1.5 A.18.2	Protection of records Privacy and protection of personally identifiable information Regulation of cryptographic controls Information security reviews	with legislative, regulatory and contractual requirements related to intellectual property rights and use of proprietary software products. Records shall be protected from loss, destruction, falsification, Privacy and protection of personally identifiable information shall be ensured as required in relevant legislation and regulation where applicable. Cryptographic controls shall be used in compliance with all relevant agreements, legislation and regulations. To ensure that information security is implemented and operated in	Yes Yes Yes	Yes Yes