Section	Information security control	Status
A5	Information security policies	
A5.1	Management direction for information security	
A5.1.1	Policies for information security	Not applicable
A5.1.2	Review of the policies for information security	Not applicable
NOTES	The management of the policies is not defined and not applicable on OWASP, as it is a te but it can review the policies but strictly being around to its' top 10.	sting methodology
A6	Organization of information security	
A6.1	Internal organization	
A6.1.1	Information security roles and responsibilities	Defined
A6.1.2	Segregation of duties	Defined
A6.1.3	Contact with authorities	Not applicable
A6.1.4	Contact with special interest groups	Not applicable
A6.1.5	Information security in project management	Not applicable
NOTES	Defining roles in accordance with the access controls and similarly segregating the duties OWASP top 10 however if it based on organizations internal structure than OWASP is not	
A6.2	Mobile devices and teleworking	
A6.2.1	Mobile device policy	Not applicable
A6.2.2	Teleworking	Limited
NOTES	The working structure under teleworking can be tested by OWASP under the given set of organization.	policies of the
A7	Human resource security	
A7.1	Prior to employment	
A7.1.1	Screening	Not applicable
A7.1.2	Terms and conditions of employment	Not applicable
NOTES	This section has no link with the OWASP top 10 principles.	
A7.2	During employment	
A7.2.1	Management responsibilities	Not applicable
A7.2.2	Information security awareness, education and training	Defined
A7.2.3	Disciplinary process	Not applicable
NOTES	For the awareness OWASP has proper set of documentation which is officially available conganization can study and could make policies accordingly.	online and

1/28/2021 Page 1 of 9

Section	Information security control	Status
A7.3	Termination and change of employment	
A7.3.1	Termination or change of employment responsibilities	Limited
NOTES	The termination of employees or responsibilities has no direct link with the OWASP hower the access controls or to sensitive data exposure then OWASP could be linked otherwise with this section.	_
A8	Asset management	
A8.1	Responsibility for assets	
A8.1.1	Inventory of assets	Nonexistent
A8.1.2	Ownership of assets	Nonexistent
A8.1.3	Acceptable use of assets	Defined
A8.1.4	Return of assets	Nonexistent
NOTES	OWASP however highlights dealing with using components of known vulnerabilities howe to make up the inventory of the assets to reduce their usage and prevent from any further	
A8.2	Information classification	
A8.2.1	Classification of information	Nonexistent
A8.2.2	Labelling of information	Limited
A8.2.3	Handling of assets	Initial
NOTES	No information classification found in the OWASP however OWASP in monitoring and logging asks to monitor the web applications which can be further enhanced in terms of information classification i.e. confidential, private, public etc. Logging and monitoring by OWASP is mentioned but to very limited scale which can be used for fulfilling this section of OWASP.	
A8.3	Media handling	
A8.3.1	Management of removable media	Initial
A8.3.2	Disposal of media	Nonexistent
A8.3.3	Physical media transfer	Nonexistent
NOTES	Media handling w.r.t web applications is an important part which should be described be of any media or if dumping of media goes wrong than an organization could suffer severe and OWASP has no criteria mentioned to handle the media as per the above stated point	circumstances

1/28/2021 Page 2 of 9

Section	Information security control	Status
Α9	Access control	
A9.1	Business requirements of access control	
A9.1.1	Access control policy	Not applicable
A9.1.2	Access to networks and network services	Defined
NOTES	The policy depends upon the organization and every penetration tester should come with engagement and disclosure agreements so it does not apply on the OWASP but a basic postep for every pen-tester. However, if considering the OWASP checklist documentation it are number of experiments fulfilling the criteria for access controls.	re-engagement
A9.2	User access management	
A9.2.1	User registration and de-registration	Managed
A9.2.2	User access provisioning	Managed
A9.2.3	Management of privileged access rights	Managed
A9.2.4	Management of secret authentication information of users	Defined
A9.2.5	Review of user access rights	Defined
A9.2.6	Removal or adjustment of access rights	Defined
NOTES	This section is managed very carefully by OWASP, in the OTG checklist full control is managed in terms of testing this domain.	
A9.3	User responsibilities	
A9.3.1	Use of secret authentication information	Defined
NOTES	The secret authentication is defined not directly but testing in terms of session management, cache checks, weak credentials etc. also the testing of authentication indirectly fulfills the secret authentication.	
A9.4	System and application access control	
A9.4.1	Information access restriction	Managed
A9.4.2	Secure log-on procedures	Managed
A9.4.3	Password management system	Managed
A9.4.4	Use of privileged utility programs	Defined
A9.4.5	Access control to program source code	Defined
NOTES	The access controls alongside broken authentication is very well managed in the OWSAP, testing presented in the checklist along with the tools.	very well list of
A10	Cryptography	
A10.1	Cryptographic controls	

1/28/2021 Page 3 of 9

Section	Information security control	Status
A10.1.1	Policy on the use of cryptographic controls	Not applicable
A10.1.2	Key management	Limited
NOTES	Specifically, key management is not mentioned in the scope of OWASP, however, consider approach OWASP checks for encryption standards and also one of the main point of sens exposures describes importance of data. Moreover, insecure describing also focusses schema.	sitive data
A11	Physical and environmental security	
A11.1	Secure areas	
A11.1.1	Physical security perimeter	Not applicable
A11.1.2	Physical entry controls	Not applicable
A11.1.3	Securing offices, rooms and facilities	Limited
A11.1.4	Protecting against external and environmental threats	Limited
A11.1.5	Working in secure areas	Not applicable
A11.1.6	Delivery and loading areas	Not applicable
NOTES	OWASP is a testing methodology specifically for web applications and it is about testing t based on web or cloud. So, it does not involve any channels to secure physical structure.	he applications
A11.2	Equipment	
A11.2.1	Equipment siting and protection	Not applicable
A11.2.2	Supporting utilities	Defined
A11.2.3	Cabling security	Not applicable
A11.2.4	Equipment maintenance	Defined
A11.2.5	Removal of assets	Limited
A11.2.6	Security of equipment and assets off-premises	Limited
A11.2.7	Secure disposal or reuse of equipment	Defined
A11.2.8	Unattended user equipment	Defined
A11.2.9	Clear desk and clear screen policy	Not applicable
NOTES	The OWASP in its sensitive data exposure and components with known vulnerabilities section address some of the issues to not use components or remove any components with known vulnerabilities.	

1/28/2021 Page 4 of 9

Section	Information security control	Status
A12	Operations security	
A12.1	Operational procedures and responsibilities	
A12.1.1	Documented operating procedures	Defined
A12.1.2	Change management	Defined
A12.1.3	Capacity management	Not applicable
A12.1.4	Separation of development, testing and operational environments	Not applicable
NOTES	The documentation is the initial phase for any pen-tester however OWASP also provides documentation standards including OTG and OTG checklist also other documentations officially where change manageme is defined in terms of access controls and authorization part. However, capacity management is not applicable which is to be done between the organizations and therefore OWASP does not provide any support related to it.	
A12.2	Protection from malware	
A12.2.1	Controls against malware	Optimized
NOTES	This is the main thing which OWASP is known for so it basically provides all the guideline defined in OTG/ OTG checklist, which discusses various standards in accordance to prote malware.	
A12.3	Backup	
A12.3.1	Information backup	Limited
NOTES	Backup is not directly defined but however OWASP in various ways targets to backup the encrypted to ensure confidentiality and integrity.	e files or make them
A12.3	Logging and monitoring	
A12.4.1	Event logging	Defined
A12.4.2	Protection of log information	Defined
A12.4.3	Administrator and operator logs	Defined
A12.4.4	Clock synchronization	Limited
NOTES	OWASP provides in its top 10 section related to insufficient logging and monitoring and shows the importance to manage and protect logs in order to stay safe from an exploits.	
<b>A12.5</b> A12.5.1	Control of operational software  Installation of software on operational systems	Defined
714.7.1	mistaliation of software on operational systems	Defined

1/28/2021 Page 5 of 9

Section		
	Information security control	Status
NOTES	The security and misconfiguration section of OWASP deals with the insecure or outdated should be updated or removed and hence any installation depends on such configuration	
A12.6	Technical vulnerability management	
A12.6.1	Management of technical vulnerabilities	Optimized
A12.6.2	Restrictions on software installation	Managed
NOTES	The management of technical vulnerabilities and proper testing method alongside tools and OWASP top 10. The access controls and authorization deals with the restriction part of the installation.	
A12.7	Information systems audit considerations	
A12.7.1	Information systems audit controls	Defined
NOTES	The controls in access controls section of OWASP also authorization deals with the above	stated auditing.
A13	Communications security	
A13.1	Network security management	
A13.1.1	Network controls	Optimized
A13.1.2	Security of network services	Optimized
A13.1.3	Segregation in networks	Limited
NOTES	The controls along with testing are very well described in the OWASP, access controls and services on the network like WebDAV, FTP, backend DB server etc. are defined by OWASI checklist. The network segregation is defined as in-directly involving controls of access an	P also in the OTG
NOTES A13.2	services on the network like WebDAV, FTP, backend DB server etc. are defined by OWASI	P also in the OTG
	services on the network like WebDAV, FTP, backend DB server etc. are defined by OWASI checklist. The network segregation is defined as in-directly involving controls of access ar	P also in the OTG nd services.
A13.2	services on the network like WebDAV, FTP, backend DB server etc. are defined by OWAS checklist. The network segregation is defined as in-directly involving controls of access ar   Information transfer	P also in the OTG and services.  Not applicable
<b>A13.2</b> A13.2.1	services on the network like WebDAV, FTP, backend DB server etc. are defined by OWAS checklist. The network segregation is defined as in-directly involving controls of access ar  Information transfer  Information transfer policies and procedures	P also in the OTG and services.  Not applicable
<b>A13.2</b> A13.2.1 A13.2.2	services on the network like WebDAV, FTP, backend DB server etc. are defined by OWASI checklist. The network segregation is defined as in-directly involving controls of access ar  Information transfer  Information transfer policies and procedures  Agreements on information transfer	P also in the OTG and services.  Not applicable
A13.2.1 A13.2.2 A13.2.3	services on the network like WebDAV, FTP, backend DB server etc. are defined by OWASI checklist. The network segregation is defined as in-directly involving controls of access ar  Information transfer  Information transfer policies and procedures  Agreements on information transfer  Electronic messaging	P also in the OTG and services.  Not applicable Not applicable Defined Defined
A13.2.1 A13.2.2 A13.2.3 A13.2.4	services on the network like WebDAV, FTP, backend DB server etc. are defined by OWAS checklist. The network segregation is defined as in-directly involving controls of access are information transfer  Information transfer policies and procedures  Agreements on information transfer  Electronic messaging  Confidentiality or nondisclosure agreements  The transfer of information is addressed in terms of encryption and testing of information	P also in the OTG and services.  Not applicable  Not applicable  Defined  Defined
A13.2.1 A13.2.2 A13.2.3 A13.2.4 NOTES	services on the network like WebDAV, FTP, backend DB server etc. are defined by OWASI checklist. The network segregation is defined as in-directly involving controls of access ar  Information transfer  Information transfer policies and procedures  Agreements on information transfer  Electronic messaging  Confidentiality or nondisclosure agreements  The transfer of information is addressed in terms of encryption and testing of informatio authorization and injection etc.	P also in the OTG and services.  Not applicable  Not applicable  Defined  Defined
A13.2 A13.2.1 A13.2.2 A13.2.3 A13.2.4 NOTES	services on the network like WebDAV, FTP, backend DB server etc. are defined by OWAS checklist. The network segregation is defined as in-directly involving controls of access are information transfer  Information transfer policies and procedures  Agreements on information transfer  Electronic messaging  Confidentiality or nondisclosure agreements  The transfer of information is addressed in terms of encryption and testing of informatio authorization and injection etc.  System acquisition, development & maintenance	P also in the OTG and services.  Not applicable  Not applicable  Defined  Defined
A13.2 A13.2.1 A13.2.2 A13.2.3 A13.2.4 NOTES A14	services on the network like WebDAV, FTP, backend DB server etc. are defined by OWASI checklist. The network segregation is defined as in-directly involving controls of access are Information transfer  Information transfer policies and procedures  Agreements on information transfer  Electronic messaging  Confidentiality or nondisclosure agreements  The transfer of information is addressed in terms of encryption and testing of informatio authorization and injection etc.  System acquisition, development & maintenance  Security requirements of information systems	P also in the OTG and services.  Not applicable Not applicable Defined Defined n access,

1/28/2021 Page 6 of 9

Section	Information security control	Status
NOTES	The need of requirements should be defined in the OWASP which has importance in understanding the infrastructure to work on, also on the other side application services are defined and ways to protect in different formats are very well mentioned in the OTG along with services transactions.	
A14.2	Security in development and support processes	
A14.2.1	Secure development policy	Not applicable
A14.2.2	System change control procedures	Optimized
A14.2.3	Technical review of applications after operating platform changes	Managed
A14.2.4	Restrictions on changes to software packages	Managed
A14.2.5	Secure system engineering principles	Not applicable
A14.2.6	Secure Development Environment	Not applicable
A14.2.7	Outsourced development	Not applicable
A14.2.8	System security testing	Defined
A14.2.9	System acceptance testing	Not applicable
NOTES	The OWASP is cloud based methodology to find the vulnerabilities in the web application but to protect provide solutions accordingly but system engineering rules and testing is not application on OWASP as engineering is something different however after the implementation of engineering principles OWASP ca test the web based services or applications.	
A14.3	Test data	
A14.3.1	Protection of test data	Limited
NOTES	It depends what kind of test data is there if it is in accordance with the OWASP then it ca top 10 rules of OWASP.	n be testing with
A15	Supplier relationships	
A15.1	Information security in supplier relationships	
A15.1.1	Information security policy for supplier relationships	Not applicable
A15.1.2	Addressing security within supplier agreements	Not applicable
A15.1.3	ICT supply chain	Not applicable
NOTES	The above section is solely based on the organization and the policies they have with the	ir suppliers.
A15.2	Supplier service delivery management	
A15.2.1	Monitoring and review of supplier services	Not applicable
A15.2.2	Managing changes to supplier services	Not applicable
NOTES	The OWASP has no engagements with these policies as they are organization based.	
146		
A16	Information security incident management	

1/28/2021 Page 7 of 9

Continu	Information country control	Status
Section	Information security control	Status
A16.1.1	Responsibilities and procedures	Not applicable
A16.1.2	Reporting information security events	Not applicable
A16.1.3	Reporting information security weaknesses	Not applicable
A16.1.4	Assessment of and decision on information security events	Not applicable
A16.1.5	Response to information security incidents	Not applicable
A16.1.6	Learning from information security incidents	Not applicable
A16.1.7	Collection of evidence	Not applicable
NOTES	The incidence response plan is managed by the incident response team, this has no link thowever, organization should have its' own security team to deal and plan if some incide Moreover, incidence response team can consider OWASP top 10 to build up the security	nt occurs.
A17	Information security aspects of BCM	
A17.1	Information security continuity	
A17.1.1	Planning information security continuity	Not applicable
A17.1.1	Implementing information security continuity	
A17.1.3	Verify, review and evaluate information security continuity	
NOTES	Deciding the continuity model is the internal responsibility of the organization but an organization but a	
A17.2	Redundancies	
A17.2.1	Availability of information processing facilities	Not applicable
NOTES	The business continuity management is to make sure things are available even is breakdown occurs so it is not applicable for OWASP however the internal testing team is responsible for the smooth running of business if any incidence takes place.	
A18	Compliance	
A18.1	Compliance with legal and contractual requirements	
A18.1.1	Identification of applicable legislation and contractual requirements	Not applicable
A18.1.2	Intellectual property rights	Not applicable
A18.1.3	Protection of records	Defined
A18.1.4	Privacy and protection of personally identifiable information	Defined
A18.1.5	Regulation of cryptographic controls	Limited
NOTES	If considering the testing aspect then OWASP fulfills the protection however if building up the compliance then OWASP has no link with this section.	
A18.2	Information security reviews	
A18.2.1	Independent review of information security	Limited
A18.2.2	Compliance with security policies and standards	Not applicable
A18.2.3	Technical compliance review	Not applicable

1/28/2021 Page 8 of 9

Section	Information security control	Status
NOTES	The review section for the compliance of the organization is limited because OWASP has to stick with its to 10 rules.	
		114

1/28/2021 Page 9 of 9