

eLEARNING FOR SECURE APPLICATION DEVELOPMENT

Role Mapping & Compliance Guide

Course Name	PCI DSS	OWASP Top 10	NIST 800-53 Rev 4	Technical Leaders	Business Leaders	Web & Mobile Developers	Non-Web Developers	Security Architects & Specialists	Testers	Software Architects
APPLICATION SECURITY FUNDAMENTALS										
100		Top 10	SA, SI	x	x	x	x	x	x	x
102			SA	x	x	x	x	x	x	x
103			SA, SI	x	x			x		x
ASPECT ADVISORY SERIES										
AAS	6.x.x	Top 10	SA	x	x	x	x	x	x	x
AAS	6.x.x	Top 10	SA, SI	x	x	x	x	x	x	x
AAS	6.x.x	Top 10	SA, SI	x	x	x	x	x	x	x
AAS	6.x.x	Top 10		x		x	x	x	x	x
AAS	6.5.10	A2	IA			x	x	x	x	x
AAS	6.5.8	A4/A7	AC			x	x	x	x	x
AAS	6.5.3	A6	SA, SC, SI			x	x	x	x	x
AAS	6.5.10	A2	AC, SC			x	x	x	x	x
AAS	6.5.1	A1/A3	SI			x	x	x	x	x
AAS	6.5.5	A5	AC, AU, RA, SI			x	x	x	x	x
AAS	PCI DSS	Top 10		x		x	x	x	x	x
IMPLEMENTING APPLICATION SECURITY PROGRAMS										
421			SA, SI	x	x			x		x
450			SA	x	x			x		x
460			SA	x	x			x		x
SECURE TESTING & VERIFICATION										
101			CA, RA, SA	x	x	x	x	x	x	x
411			CA, RA, SA					x	x	
412			CA, RA, SA					x	x	
420			CA, RA, SA	x		x	x	x		x
SECURE APPLICATION DEVELOPMENT										
Introduction to Secure Coding										
281						x		x		
282						x		x		
283			NIST 800-53			x		x		

08232017

eLEARNING FOR SECURE APPLICATION DEVELOPMENT

Role Mapping & Compliance Guide

Course Name	PCI DSS	OWASP Top 10	NIST 800-53 Rev 4	Technical Leaders	Business Leaders	Web & Mobile Developers	Non-Web Developers	Security Architects & Specialists	Testers	Software Architects
SECURE APPLICATION DEVELOPMENT										
Introduction to Secure Coding										
284			NIST 800-53			x		x		
285						x	x	x		
Input Validation										
110	6.5.1	A1	SI			x	x	x		
180	6.5.2		SI			x	x	x		
211	6.5.1	A1/A3	SI			x	x	x		x
212	6.5.1	A1	SI			x	x	x		x
213	6.5.7	A3	SI			x		x		
214		A1	SI			x		x		
215	6.5.1	A4	SI			x		x		
216	6.5.1	A1	SI			x		x		
331		A3	SI			x		x		x
Access Control/Authorization										
120	6.5.8	A7	AC			x	x	x		
221	6.5.8	A7/A4	AC			x	x	x		x
222	6.5.8	A7	AC			x		x		
223	6.5.8	A7	AC			x		x		
224	6.5.8	A7	AC			x		x		
225	6.5.8	A7/A4	AC			x		x		
226		A10	SI			x		x		
227		A7	SI			x		x		
Authentication										
130	6.5.10	A2	AC, IA			x	x	x		
231	6.5.10	A2	AC, IA			x	x	x		x
232		A2	AC, IA			x		x		
233	6.5.10	A2	AC, SC			x		x		
234		A2	SC			x	x	x		
235		A2	AC			x	x	x		
236	6.5.9	A2	AC			x		x		
Error Handling & Logging										
140	6.5.5	A5	AC, AU, SC, SI			x	x	x		
241	6.5.5	A5	AC, AU, RA, SC, SI			x	x	x		
242	6.5.5	A5	AC, AU, RA, SI			x	x	x		

eLEARNING FOR SECURE APPLICATION DEVELOPMENT

Role Mapping & Compliance Guide

Course Name	PCI DSS	OWASP Top 10	NIST 800-53 Rev 4	Technical Leaders	Business Leaders	Web & Mobile Developers	Non-Web Developers	Security Architects & Specialists	Testers	Software Architects
SECURE APPLICATION DEVELOPMENT										
Sensitive Data Protection										
150	Protecting Sensitive Data	6.5.3	A6	AC, SC		x	x	x		
251	Introduction to Cryptography	6.5.3	A6	SC	x	x	x	x	x	x
252	Using Cryptography Securely		A6	SC		x	x	x		
253	X.509 Certificates		A6	SC		x		x		
Secure Communications										
160	Securing Communications	6.5.4	A5	SC		x		x		
261	Using TLS	6.5.4	A5	SC		x		x		
262	Secure Cookie Use		A5	AC, SC		x		x		
263	Using Services Securely	6.5.4	A5			x		x		
264	Using TLS in Java and .NET		A5	SC		x		x		
Security Operations										
170	Hardening Application Platforms and Frameworks		A5	CM, SA		x		x		
271	Hardening Web Servers		A5/A9	AC, CM, SA				x		
272	Hardening Application Servers		A5/A9	AC, CM, SA				x		
273	Using Software Libraries and Components Securely		A9	CM, SA		x	x	x		
Web Services										
291	Introduction to Web Services Security			AC	x	x		x	x	x
292	Web Services Authentication and Authorization	6.5.8	A2/A4/A7	AC		x		x	x	x
Secure Mobile Application Development										
311	Understanding Mobile Application Threats		Mobile Top 10	RA, SC	x	x	x	x	x	x
312	Mobile Application Security - Top 5 Risks		Mobile Top 10	AC, RA, SC	x	x	x	x	x	x
313	Mobile Application Security for iOS		Mobile Top 10	AC, RA, SA, SC		x		x	x	x
314	Mobile Application Security - Android		Mobile Top 10	AC, RA, SA, SC		x		x	x	x
Cloud Security										
500	Introduction to Cloud Security			AC, CM, SA	x	x	x	x	x	x
501	Security Challenges in the Cloud			AC, CM, SC	x	x	x	x	x	x
502	Federation and Single Sign-On in the Cloud			AC, CM, IA, SA	x		x	x		x
503	Data Protection and Access Control in the Cloud			AC, CM, SA, SC	x		x	x		x
504	Encryption and Tokenization in the Cloud			CM, SA, SC	x		x	x		x
505	Securing Software Development in the Cloud			CM, SA	x		x	x		
506	Legal, Regulatory and Common Pitfalls in the Cloud			CM	x		x	x		