Pro PHP Security

Chris Snyder and Michael Southwell

Contents at a Glance

About the Techni Acknowledgmen	rs	xix
PART 1	The Importance of Security	
CHAPTER 1	Why Is Secure Programming a Concern?	3
PART 2	Maintaining a Secure Environme	ent
CHAPTER 2	Dealing with Shared Hosts	
CHAPTER 3	Maintaining Separate Development and Production Environments	
CHAPTER 4	Keeping Software Up to Date	41
CHAPTER 5	Using Encryption I: Theory	55
CHAPTER 6	Using Encryption II: Practice	75
CHAPTER 7	Securing Network Connections I: SSL	109
CHAPTER 8	Securing Network Connections II: SSH	139
CHAPTER 9	Controlling Access I: Authentication	175
CHAPTER 10	Controlling Access II: Permissions and Restrictions	209
PART 3	Practicing Secure PHP Program	ming
CHAPTER 11	Validating User Input	229
CHAPTER 12	Preventing SQL Injection	249
CHAPTER 13	Preventing Cross-Site Scripting	263
CHAPTER 14	Preventing Remote Execution	281
CHAPTER 15	Enforcing Security for Temporary Files	303
CHAPTER 16	Preventing Session Hijacking	315

PART 4	Practicing Secure Operations	
CHAPTER 17	Allowing Only Human Users	331
CHAPTER 18	Verifying Your Users' Identities	347
CHAPTER 19	Using Roles to Authorize Actions	359
CHAPTER 20	Adding Accountability to Track Your Users	377
CHAPTER 21	Preventing Data Loss	399
CHAPTER 22	Safely Executing System Commands	419
CHAPTER 23	Handling Remote Procedure Calls Safely	455
CHAPTER 24	Taking Advantage of Peer Review	467
INDEX		479