Appendix G
Protection Profiles

A protection profile is an implementation-independent specification of information assurance security requirements. Protection profiles are a complete combination of security objectives, security-related functional requirements, information assurance requirements, assumptions, and rationale. Protection profiles are written in accordance with the Common Criteria (CC) for Information Technology Security Evaluation, International Standard ISO/OEC 15408-1. The use of protection profiles to define information assurance requirements is part of the National Information Assurance Partnership (NIAP) program.

The protection profiles are posted on the Information Assurance Technical Framework (IATF) Web site, http://www.iatf.net/protection_profiles/. They are being developed to support acquisition of information assurance-related products needed by the U.S. Government. As additional protection profiles become available, they will also be posted on the IATF Web site. In addition, any updates of current protection profiles—as they move toward NIAP validation for example—will be posted on the site. The protection profiles are posted on the web site in Defense-in-Depth categories. Table G.1 contains an example of the table on the web site that lists the protection profiles. The list is updated as new profiles are added or the status of the profile changes (e.g. profile become NIAP validated).

Table G.1. Example list of Protection Profiles on the IATF Web Site

Defend the Network and Infrastructure	Defending the Enclave Boundary	Defending the Computing Environment	Supporting Infrastructures	
			KMI/PKI	Detect and Respond
Switches and Routers	Firewalls	Operating Systems	Certificate Management	IDS
	VPNs	Biometrics	Key Recovery	
	Peripheral Sharing Switch	Single Level Web	Class 4 PKI Directory	
	Multiple Domain Solutions	Tokens		
	Remote Access	Mobile Code		
	Mobile Code	Secure Messaging		
	Guards			

This page intentionally left blank.