Appendix A

Source	Destination	Protocol	Length	Info
10.21.1.30	192.168.112.10	TCP	74	3553 > 21 [SYN] Seq=0 Win=5840 Len=0 MSS=1460 SACK_PERM=1 TSval=21228766 TSecr=0 WS=8
10.10.10.254	10.10.10.20	Syslog	192	LOCAL4.INFO: %ASA-6-302013: Built outbound TCP connection 19731 for outside:192.168.112.10/21 (192.168.112.10/21) to dmz:10.21.1.30/3553 (192.168.201.21/3553)\\n
192.168.112.10	10.21.1.30	TCP	74	21 > 3553 [SYN, ACK] Seq=0 Ack=1 Win=8192 Len=0 MSS=1380 WS=256 SACK_PERM=1 TSval=115920396 TSecr=21228766
10.21.1.30	192.168.112.10	TCP	66	3553 > 21 [ACK] Seq=1 Ack=1 Win=5840 Len=0 TSval=21228768 TSecr=115920396
192.168.112.10	10.21.1.30	FTP	108	Response: 220-FileZilla Server version 0.9.46 beta
10.21.1.30	192.168.112.10	TCP	66	3553 > 21 [ACK] Seq=1 Ack=43 Win=5840 Len=0 TSval=21228769 TSecr=115920396
192.168.112.10	10.21.1.30	FTP	126	Response: 220-written by Tim Kosse (tim.kosse@filezilla-project.org)
192.168.112.10	10.21.1.30	FTP	127	Response: 220 Please visit http://sourceforge.net/projects/filezilla/
10.21.1.30	192.168.112.10	TCP	66	3553 > 21 [ACK] Seq=1 Ack=103 Win=5840 Len=0 TSval=21228769 TSecr=115920396
10.21.1.30	192.168.112.10	TCP	66	3553 > 21 [ACK] Seq=1 Ack=164 Win=5840 Len=0 TSval=21228769 TSecr=115920396
10.21.1.30	192.168.112.10	FTP	79	Request: USER user007
192.168.112.10	10.21.1.30	FTP	100	Response: 331 Password required for user007
10.21.1.30	192.168.112.10	TCP	66	3553 > 21 [ACK] Seq=14 Ack=198 Win=5840 Len=0 TSval=21229227 TSecr=115920580
10.21.1.30	192.168.112.10	FTP	81	Request: PASS Megadrive
192.168.112.10	10.21.1.30	FTP	81	Response: 230 Logged on
10.21.1.30	192.168.112.10	TCP	66	3553 > 21 [ACK] Seq=29 Ack=213 Win=5840 Len=0 TSval=21229769 TSecr=115920797
10.21.1.30	192.168.112.10	FTP	72	Request: SYST
192.168.112.10	10.21.1.30	FTP	98	Response: 215 UNIX emulated by FileZilla
10.21.1.30	192.168.112.10	TCP	66	3553 > 21 [ACK] Seq=35 Ack=245 Win=5840 Len=0 TSval=21229780 TSecr=115920797
10.21.1.30	192.168.112.10	FTP	90	Request: PORT 10,10,10,21,8,113
192.168.112.10	10.21.1.30	FTP	95	Response: 200 Port command successful

10.21.1.30	192.168.112.10	TCP	66	3553 > 21 [ACK] Seq=59 Ack=274 Win=5840 Len=0 TSval=21231336 TSecr=115921423
10.21.1.30	192.168.112.10	FTP	86	Request: STOR passwords.txt
10.10.10.254	10.10.10.20	Syslog	170	LOCAL4.INFO: %ASA-6-303002: FTP connection from dmz:10.21.1.30/3553 to outside:192.168.112.10/21, user user007 Stored file passwords.txt\\n
192.168.112.10	10.21.1.30	TCP	66	20 > 2161 [SYN] Seq=0 Win=8192 Len=0 MSS=1380 WS=256 SACK_PERM=1
10.21.1.30	192.168.112.10	TCP	66	2161 > 20 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=8
192.168.112.10	10.21.1.30	FTP	138	Response: 150 Opening data channel for file upload to server of "/passwords.txt"
10.10.10.254	10.10.10.20	Syslog	192	LOCAL4.INFO: %ASA-6-302013: Built outbound TCP connection 19732 for outside:192.168.112.10/20 (192.168.112.10/20) to dmz:10.21.1.30/2161 (192.168.201.21/2161)\\n
192.168.112.10	10.21.1.30	TCP	60	20 > 2161 [ACK] Seq=1 Ack=1 Win=66048 Len=0
10.21.1.30	192.168.112.10	FTP-DATA	111	FTP Data: 57 bytes
10.21.1.30	192.168.112.10	TCP	54	2161 > 20 [FIN, ACK] Seq=58 Ack=1 Win=5840 Len=0
192.168.112.10	10.21.1.30	TCP	60	20 > 2161 [ACK] Seq=1 Ack=59 Win=66048 Len=0
192.168.112.10	10.21.1.30	TCP	60	20 > 2161 [FIN, ACK] Seq=1 Ack=59 Win=66048 Len=0
10.21.1.30	192.168.112.10	TCP	54	2161 > 20 [ACK] Seq=59 Ack=2 Win=5840 Len=0
10.10.10.254	10.10.10.20	Syslog	180	LOCAL4.INFO: %ASA-6-302014: Teardown TCP connection 19732 for outside:192.168.112.10/20 to dmz:10.21.1.30/2161 duration 0:00:00 bytes 57 TCP FINs\\n
192.168.112.10	10.21.1.30	FTP	113	Response: 226 Successfully transferred "/passwords.txt"
10.21.1.30	192.168.112.10	TCP	66	3553 > 21 [ACK] Seq=79 Ack=393 Win=5840 Len=0 TSval=21231346 TSecr=115921423
10.21.1.30	192.168.112.10	FTP	72	Request: QUIT
192.168.112.10	10.21.1.30	FTP	79	Response: 221 Goodbye