Server Tests

Test Number	Description	Tools Used	Expected Outcome	Result
C1	Server is given invalid directory	server	Server displays error and exits	Passed (Figure 1)
C2	Server is given directory with no read and/or write privileges	server	Server displays error and exits	Passed (Figure 2)
C3	Server receives client connection	server, client	Server accepts connection and waits for commands	Passed (Figure 3)
C4	Server receives GET command for existing file	server, client	Server reads file and sends it back to client	Passed (Figure 4)
C5	Server receives GET command for non-existent file	server, client	Server sends error back to client	Passed (Figure 5)
C6	Server receives SEND command	server, client	Server opens the specified file and writes the contents sent by the client	Passed (Figure 6)
C7	Client disconnects from server	client, server	Server logs disconnection message and waits for next client	Passed (Figure 7)

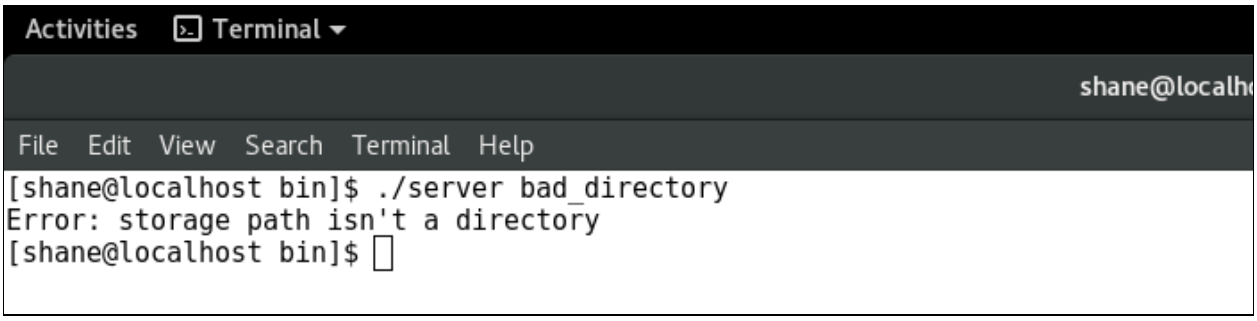

Figure 1: Server is given invalid directory

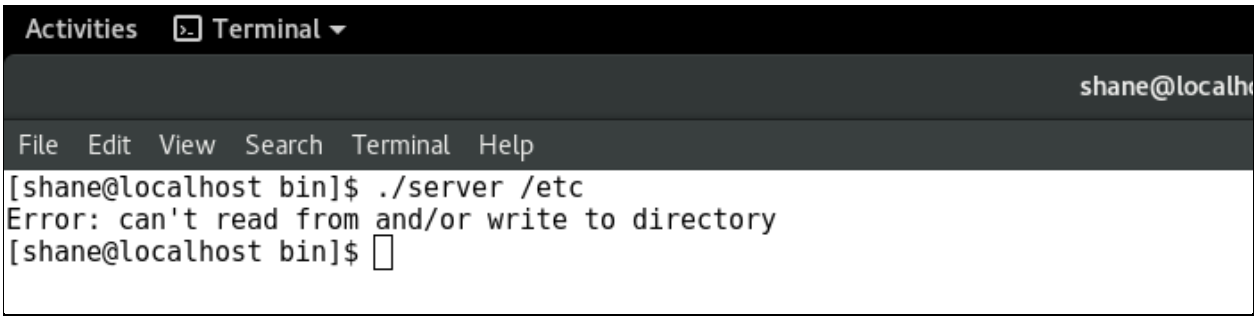

Figure 2: Server is given directory with no read and/or write permissions

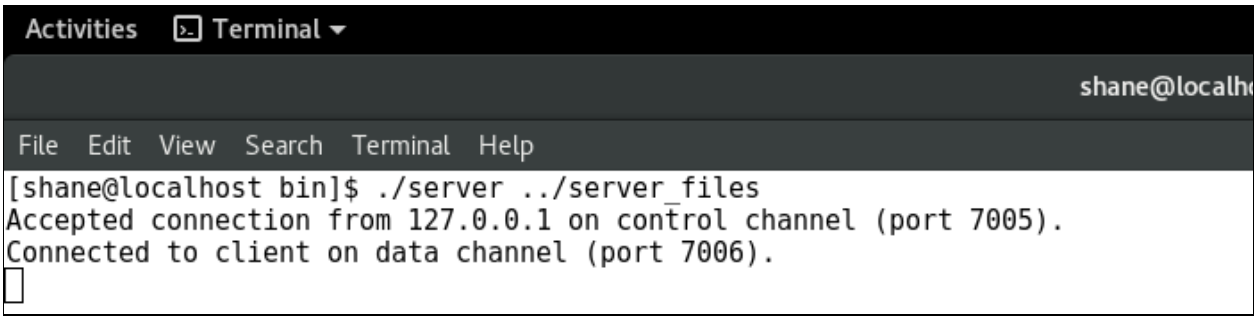

Figure 3: Server receives client connection

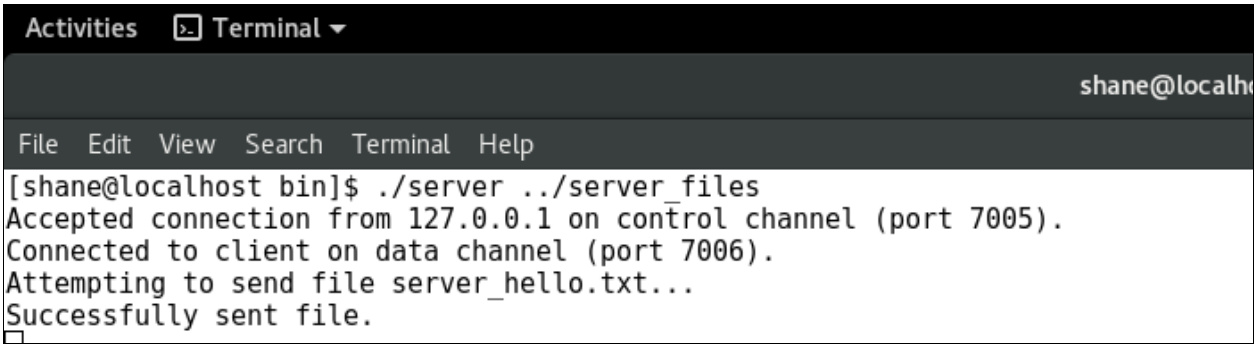

Figure 4: Server receives GET command for existing file

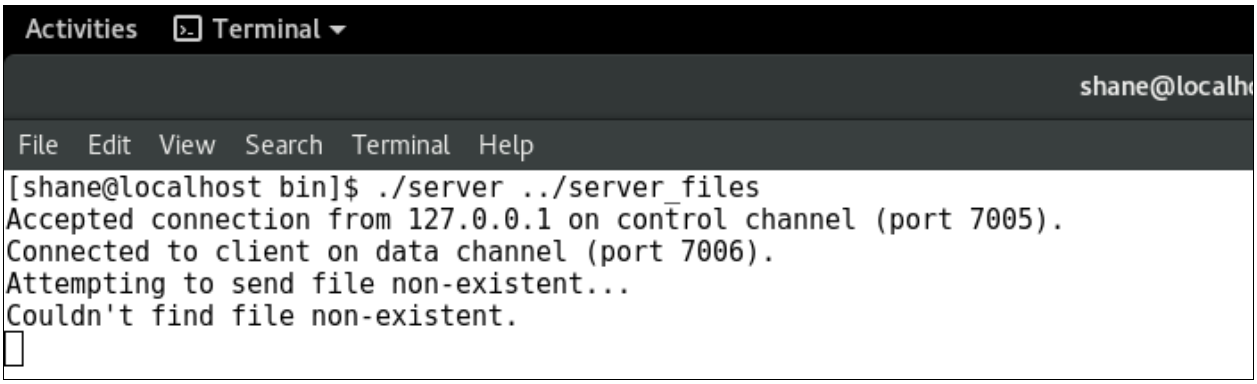

Figure 5: Server receives GET command for non-existent file

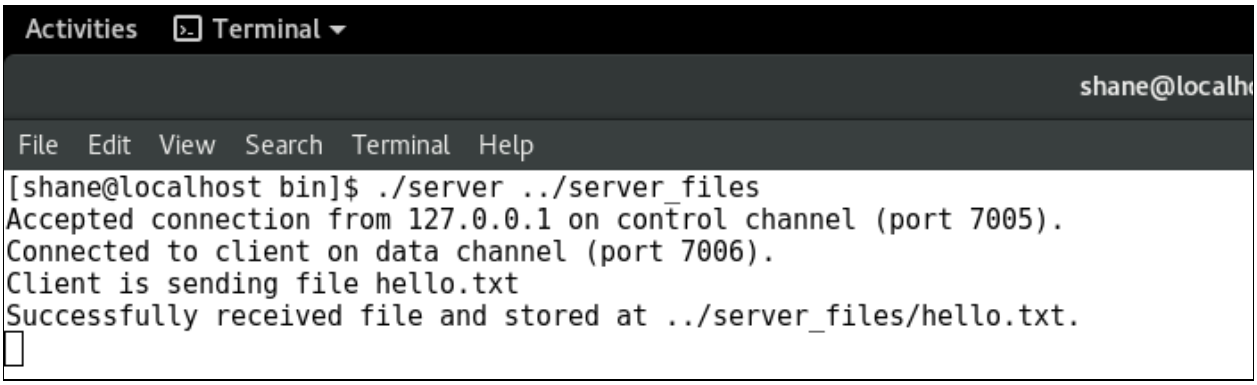

Figure 6: Server receives SEND command

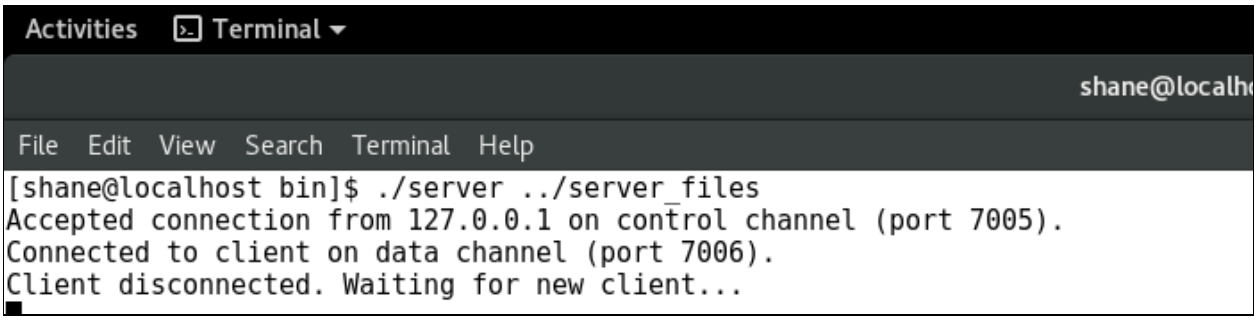

Figure 7: Client disconnects from server