Peer-to-F	eer	${\bf Systems}$	and	Security
Summer	201	4		

Quiz	1.	_20	12
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Name:		

Instructions. (0 points) The purpose of this quiz is to survey the background of everyone taking the course. Unlike all of the other quizzes, this one will not be evaluated.

1. (a) What is the difference between network byte order and host byte order? (b) Which POSIX call can convert a 32-bit integer from host byte order to network byte order? (c) Why does byte order matter for network protocols? (d) Byte order affects binary data; is there a similar problem for text data? 2. Which related courses have you taken? A. Networking B. Distributed systems C. Computer Security D. Cryptography B. Distributed systems C. Computer Security C. Computer Security C. Computer Security C. Computer Security D. Cryptography B. Subversion C. Git D. Mercurial B. Subversion C. Git D. Mercurial B. Subversion C. Git D. Mercurial C. Java C. Java C. Java D. Python E. Other (please list) 5. Which POSIX APIs are you familiar with? (check those for which you could explain 2/3rds of the gives system calls without looking at a manual). A. Sockets (socket, bind, connect, recv, send, shutdown, isten,) D. Thread management (suprintf, strdup, strcat, strtok, strstr,) D. Thread management (suprintf, strdup, strcat, strtok, strstr,) E. Event handling (select, poll, epoll,) F. E. Event handling (select, poll, epoll,) 6. Have you ever A visited the course website on grothoff.org? D used Tor? E read an academic programming project in a team?		•					
A. Networking □ B. Distributed systems □ C. Computer Security □ D. Cryptography □ E. Other (please list) 3. Which version control systems are you familiar with? (Check those that you have used to commit coto a repository.) □ A. CVS □ B. Subversion □ C. Git □ D. Mercurial □ E. Bazaar □ E. Monotone □ G. Other (please list) 4. Which programming languages have you used to write non-trivial (> 1,000 LOC) programs? □ A. C □ B. C++ □ C. Java □ D. Python □ E. Other (please list) 5. Which POSIX APIs are you familiar with? (check those for which you could explain 2/3rds of the gives system calls without looking at a manual). □ A. Sockets (socket, bind, □ B. String manipulation connect, recv, send, shutdown, (suprintf, strdup, strcat, listen,) □ D. Thread management □ E. Event handling (select, poll, epoll,) pipe, kill, waitpid,) □ D. Thread management □ E. Event handling (select, poll, epoll,) pipe, kill, waitpid,) □ B downloaded and □ C used BitTorrent? installed GNUnet? □ D used Tor? □ E read an academic □ F worked on a programming project in a	1.	(b) Which POSIX call can conver(c) Why does byte order matter for	t a 32-bit integer from host byte or network protocols?	order to network byte order?			
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7. What do you hope to learn in this course?