Augustus Boling

COEN 146

January 23, 2015

Lab 1 Write Up

The following script was used to establish a secure connection with the school’s network and transfer *n* bytes of data in a timed fashion via the linux terminal:

|  |
| --- |
| ssh-keygen -t rsa  cat ~/.ssh/id\_rsa >> ~/.ssh/authorized\_keys  dd if=/dev/zero of=test bs=1048576 count=1024  time cat test | head -c n | ssh -q user@linux.scudc.scu.edu “cd /to/working/ && cat->test1” |

File sizes sent started at 10 bytes, and increased each time by a factor of ten, ending with 10^9 bytes, or 1 gigabyte. Measuring the completion time of each file transfer yielded the following data:



