```
Last login: Sun Apr 22 21:21:27 on ttys000
Michaels-MacBook-Pro-4:~ michaelwatts$ ssh
mcwatts@genuse30,.lyle.smu.edu
ssh: Could not resolve hostname genuse30,.lyle.smu.edu: nodename nor
servname provided, or not known
Michaels-MacBook-Pro-4:~ michaelwatts$ ssh
mcwatts@genuse30.lyle.smu.edu
mcwatts@genuse30.lyle.smu.edu's password:
Last login: Sun Apr 22 21:21:30 2018 from 10.8.29.169

************************************************************
         Use of this system is governed by the
          SMU and Lyle School of Engineering
                 Computer Use Policies:
  http://lyle.smu.edu/support/contents/index.php/policies
************************************************************


WHAT'S NEW!


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      General Information about genuse servers:

      The newest servers have the highest number.
For example genuse55 is much newer than genuse21.

      Genuse41 through Genuse55 have Centos 7.4

      Genuse26 through Genuse40 have Centos 6.9

      Genuse18 through genuse25 are older servers
slated for replacement.   They should be avoided.

       List of general use linux servers here:
       https://s2.smu.edu/support/contents/

************************************************************

mcwatts@genuse30.engr.smu.edu$ javac *.java
mcwatts@genuse30.engr.smu.edu$ java CounterTest
Single thread:  counter = 10000000
Single thread:  time (in ms) = 205
Multi threads: 10 counter = 10000000
Multi threads: 10 time (in ms) = 488
mcwatts@genuse30.engr.smu.edu$ javac *.java
mcwatts@genuse30.engr.smu.edu$ java CounterTest
Single thread:  counter = 10000000
Single thread:  time (in ms) = 6
```

```
Multi threads: 10 counter = 3665925
Multi threads: 10 time (in ms) = 113
mcwatts@genuse30.engr.smu.edu$ javac *.java
mcwatts@genuse30.engr.smu.edu$ javac *.java
mcwatts@genuse30.engr.smu.edu$ java CounterTest
Single thread:  counter = 10000000
Single thread:  time (in ms) = 12
Multi threads: 10 counter = 3589346
Multi threads: 10 time (in ms) = 100
mcwatts@genuse30.engr.smu.edu$ java CounterTest
Single thread:  counter = 10000000
Single thread:  time (in ms) = 7
Multi threads: 10 counter = 1591886
Multi threads: 10 time (in ms) = 25
mcwatts@genuse30.engr.smu.edu$ java CounterTest
Single thread:  counter = 10000000
Single thread:  time (in ms) = 7
Multi threads: 10 counter = 4408073
Multi threads: 10 time (in ms) = 83
mcwatts@genuse30.engr.smu.edu$ java CounterTest
Single thread:  counter = 10000000
Single thread:  time (in ms) = 10
Multi threads: 10 counter = 4148513
Multi threads: 10 time (in ms) = 55
mcwatts@genuse30.engr.smu.edu$ java CounterTest
Single thread:  counter = 10000000
Single thread:  time (in ms) = 13
Multi threads: 10 counter = 4609154
Multi threads: 10 time (in ms) = 82
mcwatts@genuse30.engr.smu.edu$ java CounterTest
Single thread:  counter = 10000000
Single thread:  time (in ms) = 6
Multi threads: 10 counter = 3371310
Multi threads: 10 time (in ms) = 62
mcwatts@genuse30.engr.smu.edu$ java CounterTest
Single thread:  counter = 10000000
Single thread:  time (in ms) = 6
Multi threads: 10 counter = 4078321
Multi threads: 10 time (in ms) = 82
mcwatts@genuse30.engr.smu.edu$ java CounterTest
Single thread:  counter = 10000000
Single thread:  time (in ms) = 5
Multi threads: 10 counter = 4240425
Multi threads: 10 time (in ms) = 102
mcwatts@genuse30.engr.smu.edu$ java CounterTest
Single thread:  counter = 10000000
Single thread:  time (in ms) = 7
Multi threads: 10 counter = 2180562
Multi threads: 10 time (in ms) = 97
mcwatts@genuse30.engr.smu.edu$ time python threads.py
```

```
3259445

real    0m7.231s
user    0m5.538s
sys     0m2.385s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
3100351

real    0m6.152s
user    0m5.649s
sys     0m3.105s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
3421298

real    0m5.923s
user    0m5.604s
sys     0m2.709s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
3503269

real    0m5.919s
user    0m5.695s
sys     0m2.619s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
3278831

real    0m5.823s
user    0m5.550s
sys     0m2.648s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
3593593

real    0m5.651s
user    0m5.510s
sys     0m2.399s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
3076389

real    0m5.927s
user    0m5.602s
sys     0m2.620s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
3659255

real    0m5.748s
user    0m5.489s
sys     0m2.671s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
3358983
```

```
real    0m5.700s
user    0m5.549s
sys     0m2.469s
mcwatts@genuse30.engr.smu.edu$ clear

mcwatts@genuse30.engr.smu.edu$ time python threads.py
Multiple Threads
10000000

real    0m49.888s
user    0m37.153s
sys     0m38.283s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
Multiple Threads
10000000

real    0m49.078s
user    0m36.200s
sys     0m37.321s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
Multiple Threads
10000000

real    0m48.935s
user    0m36.494s
sys     0m36.876s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
Multiple Threads
10000000

real    0m48.579s
user    0m36.426s
sys     0m36.436s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
Multiple Threads
10000000

real    0m47.855s
user    0m35.884s
sys     0m36.617s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
Multiple Threads
10000000

real    0m49.884s
user    0m36.974s
sys     0m37.548s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
Multiple Threads
10000000
```

```
real    0m48.537s
user    0m36.114s
sys     0m36.580s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
Multiple Threads
10000000

real    0m49.759s
user    0m36.678s
sys     0m37.527s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
Multiple Threads
10000000

real    0m47.365s
user    0m35.130s
sys     0m36.881s
mcwatts@genuse30.engr.smu.edu$ time python threads.py
Multiple Threads
10000000

real    0m49.157s
user    0m37.842s
sys     0m36.523s
mcwatts@genuse30.engr.smu.edu$
```