

Project 2: Instruction For the Factor Clusters

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1. Outline

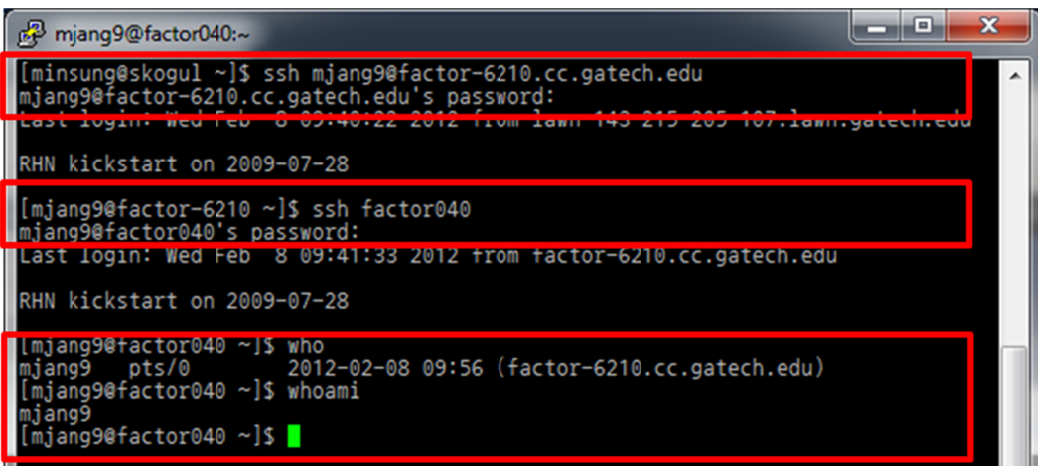
You are supposed to use the Factor clusters for the project2. This document explains how to use them.

2. Access

The instruction from TSO to access the Factors is as below:

I have the 4 VMs ready. They are on a protected subnet, so you have to go through a gateway to access them. For 6210, the gateway name is **factor-6210.cc.gatech.edu**. Everyone in the class, as well as you, should be able to login with **GT credentials**.

From factor-6210, you can access **factor040, factor041, factor042, and factor043.cc.gatech.edu** nodes. These each have 4 vcpus and 4GB of ram. I put 2 VMs on each host, so those vcpus should not have to compete for resources.



```
mjang9@factor040:~  
1 [minsung@skogul ~]$ ssh mjang9@factor-6210.cc.gatech.edu  
mjang9@factor-6210.cc.gatech.edu's password:  
Last login: Wed Feb 8 09:40:22 2012 from 143.215.205.107.1awn.gatech.edu  
RHN kickstart on 2009-07-28  
2 [mjang9@factor-6210 ~]$ ssh factor040  
mjang9@factor040's password:  
Last login: Wed Feb 8 09:41:33 2012 from factor-6210.cc.gatech.edu  
RHN kickstart on 2009-07-28  
3 [mjang9@factor040 ~]$ who  
mjang9 pts/0 2012-02-08 09:56 (factor-6210.cc.gatech.edu)  
[mjang9@factor040 ~]$ whoami  
mjang9  
[mjang9@factor040 ~]$
```

1. Make login to factor-6210.cc.gatech.edu with your **GT id and password** which is a gateway to access the Factors
2. Then, Log in to each Factor machine with **the GT id and password** that is assigned to you
3. Now you are ready to play with the Factor

3. Assignment

To distribute your accesses evenly across the Factors, you would be expected to use the specific machine as below table.

factor040	factor041	factor042	factor043
gaquilina3	gth836e	bli46	kraynel3
jbarlerin3	adammer3	jli351	jsavla6
sbhagat6	vdesai7	yliu88	dsengupta6
vbharadwaj6	mgiardino3	gmacon3	ashivani3
kbhardwaj6	fhauer3	dmallya3	csong43
mfxbl3	khawkins3	pmohan6	asrinivasan31
jbrazelton6	fherlant3	amulye3	ysuliantoro3
gtg473y	niyer3	nabhinav3	bswenson3
ssc3	yjang37	jpoumailloux3	vvenugopal8
nchopra6	yjian6	bravi7	gtg846r