The purpose of this section is to set keyless ssh connection for MPI library. The setup contains both master blade and slave blade.

On master side use the following command:

master $ cd ~/.ssh/

master $ ssh-keygen -t rsa

In the wizard save file as id\_rsa.mpi

then, leave other options as blank (you can add it if you need more secure protection)

in .ssh/ folder you should see id\_rsa.mpi and id\_rsa.mpi.pub.

Then, type:

master $ chmod 700 ~/.ssh/

master $ scp ~/.ssh/id\_rsa.mpi.pub login@slave:~/.ssh/

master $ ssh login@slave

login@slave passwd

where [login@slave](mailto:login@slave) is the slave login profile.

slave $ chmod 700 ~/.ssh/

slave $ cd .ssh/

slave $ cat id\_rsa.mpi.pub >> ~/.ssh/authorized\_keys

slave $ rm -f id\_rsa.mpi.pub

slave $ exit

master $

Create config file in .ssh folder, input:

IdentityFile ~/.ssh/id\_rsa.mpi

save and quit, then:

master $ chmod 600 ~/.ssh/config

Now, you can login into slave without password.