

## Creating rsa keys to be used by ssh to allow mpi processes to be started without using a password.

Script started on February 12, 2014 11:22:29 AM EST

dynamo 101% **mkdir .ssh**

dynamo 102% **cd .ssh**

dynamo 103% **ssh-keygen -t rsa**

Generating public/private rsa key pair.

Enter file in which to save the key (/home/dynamo/b/smidkiff/.ssh/id\_rsa): *<just hit enter>*

Enter passphrase (empty for no passphrase): *<just hit enter>*

Enter same passphrase again: *<just hit enter>*

Your identification has been saved in /home/dynamo/b/smidkiff/.ssh/id\_rsa.

Your public key has been saved in /home/dynamo/b/smidkiff/.ssh/id\_rsa.pub.

The key fingerprint is:

*<message with hex digits is given>*

dynamo 104% **ls -a**

```
.      ..      id_rsa  id_rsa.pub
```

dynamo 105% **cp id\_rsa.pub authorized\_keys**

dynamo 106% **ls -a**

```
.      authorized_keys id_rsa.pub
```

```
..      id_rsa
```

script done on February 12, 2014 11:27:18 AM EST

## Testing that the created key works. Note that there is no prompt for a password.

```
[ece-76-11:~] smidkiff% ssh quatro01
```

```
Last login: Wed Feb 12 09:51:51 2014 from ece-76-11.dhcp.ecn.purdue.edu
```

```
Linux quatro01.ecn.purdue.edu 2.6.32-358.6.2.el6.x86_64 #1 SMP Tue May 14 15:48:21 EDT
```

```
2013 x86_64 x86_64 x86_64 GNU/Linux
```

```
- Grader Jobs: http://eng.purdue.edu/ECE/AboutUs/Employment/grader.shtml
```

```
<all the other stuff you get when you login>
```

```
[smidkiff@quatro01 ~]$
```