

# password-less ssh between linux machines

this was a pretty popular howto article i wrote a while ago to my old blog which is now offline. hence i copied it here in case anybody still needs it.

the [ssh autologin with putty](#) article is another of these old posts i've rescued

## ssh auto login under Linux

to be able to connect to an other linux box from one box without entering your password all the time do the following:

login to the **connecting** computer as the user who will later connect to the other box. execute

```
ssh-keygen -t rsa
```

and accept all defaults. you must leave the passphrase blank as well, otherwise you're going to be asked for that all the time, so it doesn't do any good.

now you should have some files in your user's home directory in `.ssh/`

```
id_rsa  
id_rsa.pub  
known_hosts
```

now we need to copy `id_rsa.pub` (your public key) to the server you want to connect to. to connect to the server, you have to use the user you want to be logged in as later on.

```
scp .ssh/id_rsa.pub username@server:~/
```

now connect to the server through ssh and add the contents of the copied file to your `~/ .ssh/authorized_keys2` if this is the first time you do that, then you have to create both, the directory and the file.

```
ssh username@server  
cat id_rsa.pub >> .ssh/authorized_keys  
exit
```

and now you should be able to login through

```
ssh username@server
```

without a password prompt. if it does not work i occasionally had to use the filename `authorized_keys2` instead of the one above, so maybe try adding that number on the end of the file name. other than that it should work like that. don't do it on many different distributions for quite some time now and it always worked this way.

Last  
update:  
04.12.2017 password-less\_ssh\_between\_linux\_machines [http://wiki.psuter.ch/doku.php?id=password-less\\_ssh\\_between\\_linux\\_machines&rev=1512402573](http://wiki.psuter.ch/doku.php?id=password-less_ssh_between_linux_machines&rev=1512402573)  
16:49

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more detailed infos in german can be found here:  
[http://www.kriegisch.at/~adi/docs/unix/ssh\\_autologin.html](http://www.kriegisch.at/~adi/docs/unix/ssh_autologin.html)

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