

Interview Question – Add a new user on Linux

We believe you are familiar with Linux eco-system. Now please tell us the commands to do the following tasks on any Linux based OS (e.g. Ubuntu, Debian, CentOS):

1. Add user without password non-interactively.
2. Grant root access to the user so s/he can execute sudo without a password.
3. Create a folder named .ssh in the user's home directory.
4. Create a blank file named id_rsa in the .ssh folder.
5. Change the file permission of id_rsa so that it can only be read by a user.
6. Change the ownership of the user's home directory (including all files and folders) to the user.

You may have already played with Linux's user and group. If not, this doesn't even matter. You will find plenty of articles on the internet. Search smartly and learn quickly. Then give us the answers. It is not required to give us the perfect answer in all cases. Just try your best. We are highly interested in knowing how quickly you can learn.