

# Allow sudo without password for users and groups

**sudo** is a program that allows a user to run programs with the security privileges of another user. If no user is specified, it will try to run the other program as **root**, or the superuser. By default, running **sudo** will prompt for the **superuser** password, as in the following example;

```
michael@admin-server:~$ sudo vim /etc/resolv.conf
```

```
We assume you have received the usual lecture from the local System Administrator. It usually boils down to these three things:
```

- #1) Respect the privacy of others.
- #2) Think before you type.
- #3) With great power comes great responsibility.

```
Password:
```

While this is good for security reason, normal users would want to avoid the password prompt completely, especially if they are just running it on a desktop.

**To enable passwordless sudo**, you need to edit the `/etc/sudoers` file **or** like me create an new file in the location `/etc/sudoers.d/`. This can be done by directly editing/creating the file using your favorite editor as the following;

```
# vim /etc/sudoers.d/blacknet_sudo_rules
```

In the file, there are 2 options to enable passwordless sudo, which is to allow by **group**, or by **user**.

**To everyone in the group blackGATEadmins** to be able to use **sudo without password**, add the following line;

```
%blackGATEadmins ALL=NOPASSWD: ALL
```

**Adding the following** line will **allow** the user **michael** to use sudo without password

```
michael ALL=NOPASSWD: ALL  
#...
```

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