

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
#...
```

Last update: **2019/03/07 14:06**