AUX SHELL SCRIPTING

Log into your AWS and launch a new instance.

Copy the example ssh code.

Open a terminal

Type cd downloads and press enter.

Paste the ssh code you copied from AWS EC2 and press enter.

Create the project folder called shell by using this command, *mkdir shell* Move into the shell folder with this command, *cd shell*

Let us create a csv file name, names.csv by using this command, *touch names.csv* Also create an id_rsa.pub file by using the command, *touch id_rsa.pub*

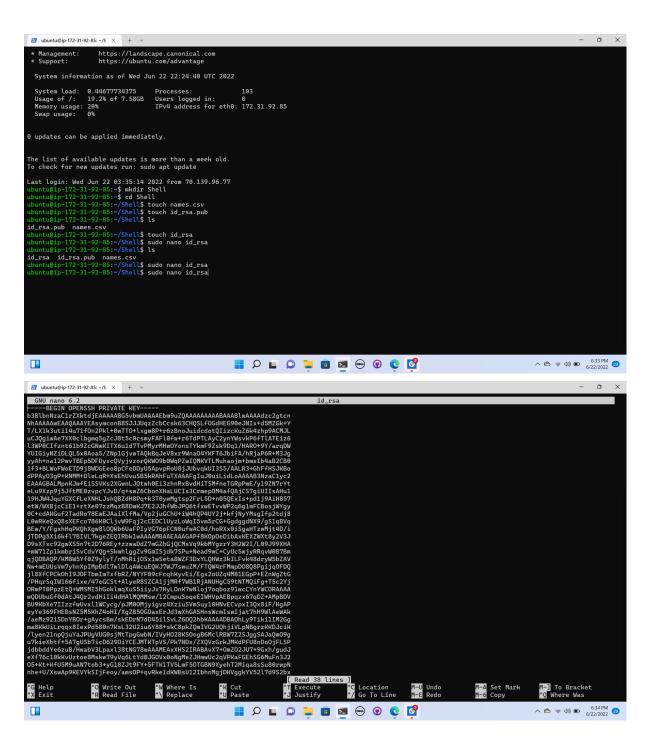
```
Windows PowerShell
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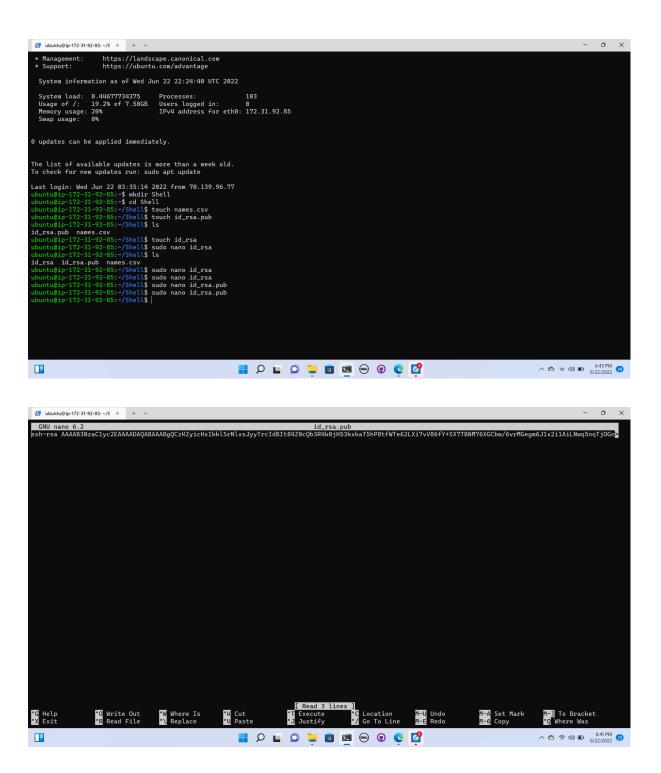
PS C:\Users\Uzuazoraro> cd downloads

PS C:\Users\Uzuazoraro\downloads ssh -i "RAR.pem" ubuntu@ec2-54-197-20-32.compute-1.amazonaws.com
The authenticity of host 'ec2-54-197-20-32.compute-1.amazonaws.com
```

Also, create the id_rsa file with this command, *touch id_rsa*Open the file id_rsa by using this command, *sudo nano id_rsa*Copy and paste your private key in this file. Save with Ctrl+O and Exit with Ctrl+X.



Now, let us open our id_rsa.pub file with this command, **sudo nano id_rsa.pub** Copy and paste the public key. Save and exit with Ctrl+O and Ctrl+X



Now, open the names.csv file using this command, **sudo nano names.csv** Type about 7 names on each separate line in the name file.

```
* Management: https://halp.ubuntu.com

* Management: https://landscape.canonical.com

* Support: https://ubuntu.com/advantage

System information as of Wed Jun 22 22:24:48 UTC 2022

System load: 0.44677734375 Processes: 103

Usage of /: 19,2% of 7.58GB Users logged in: 0

Memory usage: 20% IPVM address for eth0: 172.31.92.85

Smap usage: 0%

O updates can be applied immediately.

The list of available updates is more than a week old. 10 check for new updates run: sudo apt update

Last login: Ned Jun 22 02:35:14 0802 from 0.139.96.77

ubuntusip=172-31-92-83:-5 widdis chell

ubuntusip=172-31-92-83:-5 cd Shell

ubuntusip=172-31-92-83:-5 cd Shell

ubuntusip=172-31-92-83:-5/shell$ touch names.csv

ubuntusip=172-31-92-83:-/shell$ touch id_rsa_

ubuntusip=172-31-92-83:-/shell$ touch id_rsa_

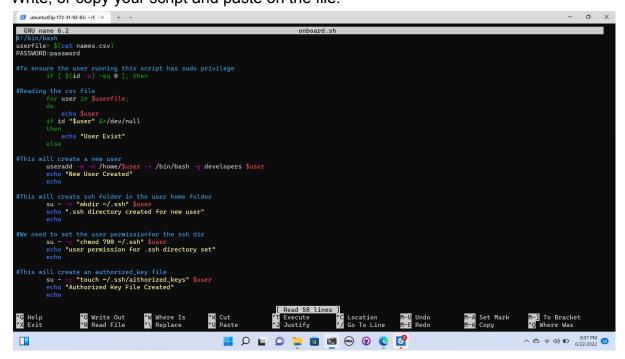
ubuntusip=172-31-92-83:-/shell$ touch oano id_rsa_

ubuntusip=172-31-92-83:-/shell$ touch oano id_rsa_

ubuntusip=172-31-92-83:-/shell$ sudo namo id_rsa_

ubuntusip=172-31-92-83:-
```

Also, let us create the group developers with, **sudo groupadd develops** Also, let us create another file named onboard with, **touch onboard.sh** Open this file with **sudo nano onboard.sh** Write, or copy your script and paste on the file.



```
# Management: https://landscape.canonical.com
* Support: https://lan
```

Now, we have to give the file appropriate permission to run so that it can execute. We do this by changing our command to, *chmod* +*x onboard.sh*Note that +*x* in the command makes it an executable file.

Now, we're going to run our file with this command, ./onboard.sh

```
The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Ned Jun 22 82:5:14 922 from 70.139.96.77

Abbuntagip=172-31-22-81:-5 dd Shell

abbuntagip=172-31-22-81:-5 dd Shell

abbuntagip=172-31-22-81:-5 dd Shell

abbuntagip=172-31-22-81:-5 dd Shell

abbuntagip=172-31-22-81:-5 fablell touch id_rsa_pub

subuntagip=172-31-22-83:-/Shell$ touch id_rsa_pub

subuntagip=172-31-22-83:-/Shell$ sudo nano id_rsa_

abbuntagip=172-31-22-83:-/Shell$ sudo nano id_rsa_pub

abbuntagip=172-31-22-83:-/Shell$ sudo nano nanes.csv

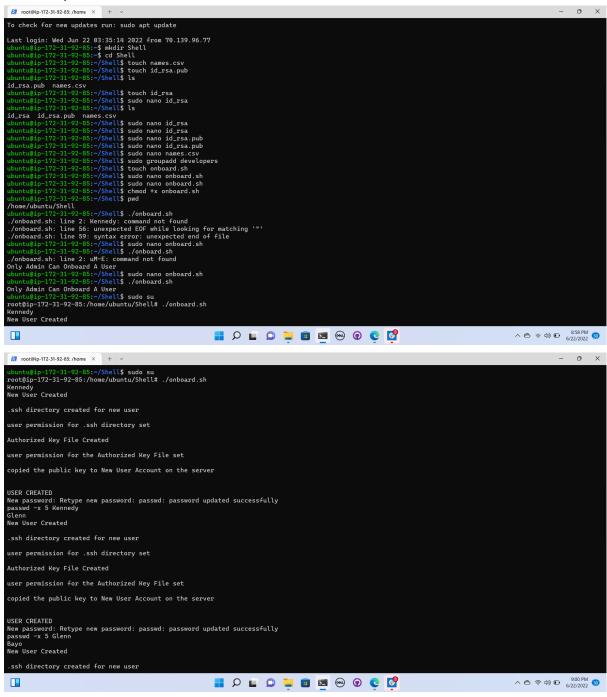
abbuntagip=172-31-22-83:-/Shell$ sudo nano enboard.sh

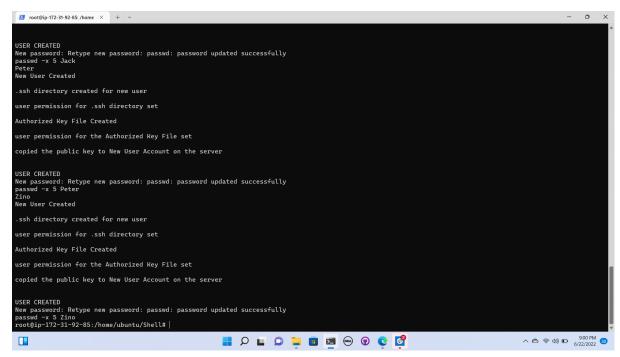
abbuntagip
```

When we ran the file, it states only an Admin can Onboard a user. In this case, we have to change to the root user by using this command, **sudo su** This gives you the power of a "super user".

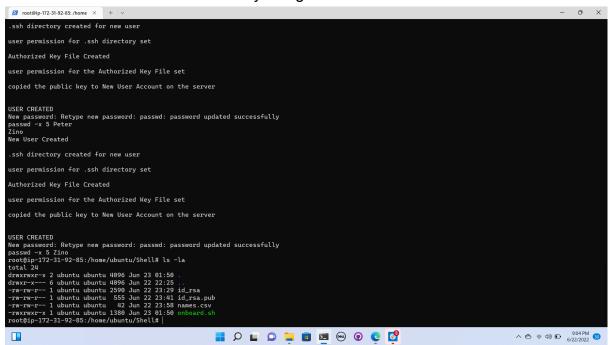
When this is done, we then type in our command one more time. The command should be ./onboard.sh

This will pull out the file we created. It will show all the users we created.





It also shows that the password has been updated successfully. Let us see all our files we created by using the *Is -Ia* command.



Let us take a glance of all our users by using this command, la -la /home

```
New password: Retype new password: password updated successfully passwd -s Peter Zino

Kew User Created

.ssh directory created for new user

user permission for :ssh directory set

Authorized Key File Created

user permission for the Authorized Key File set

copied the public key to New User Account on the server

USER CREATED

New password: Retype new password: password updated successfully passwd -x 5 Zino

root88p-TV2-31-99-85:/home/ubuntu/Shell# ls -la

total 29

chuntu ubuntu 4890 aun 22 02:25

TWP-TWP-T-1 ubuntu ubuntu 4890 aun 22 02:25

TWP-TWP-T-1 ubuntu ubuntu 4900 aun 22 03:30 id.psa

TWP-TWP-T-1 ubuntu ubuntu 4550 aun 22 03:30 id.psa

TWP-TWP-T-1 ubuntu ubuntu 4550 aun 22 03:50 enband.sh

root88p-TV2-31-92-85:/home/ubuntu/Shell# ls -la /home

total 40

directory 20

directory 2
```

Let us access two of the users with Is -la /home/Kennedy