

# Exercise 1

Can you make a snapshot of your running  
VM

?

# Exercise 2

```
./loop.sh
```

Then when done:

Ctrl key + C key

# Question 1

Why does Ben think snapshots are broken?

- A) They are just too easy to do: suspicious!
- B) The magic nostrums aren't up to the task!
- C) Ben likes a life more complicated
- D) The state of the machine is not captured
- E) Cosmic rays can flip their bits

?

# Exercise 4

Power down your VM  
~~do not terminate it!~~

## Question 2

What's a big problem with Anna's new approach?

- A) You may forget to start your instance up again
- B) The powered off machine might not have saved its state properly
- C) The saved disk image is powerless
- D) The process overhead is too high
- E) How can you make a copy of a powered off disk?

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# Exercise 5

Terminate your VM, and launch a new one from your snapshot.

# Question 3

How can Anna fix her popularity problem?

- A) Nothing
- B) Upgrade to a more powerful machine
- C) Buy a physical machine and use it.
- D) Make a support call to NeCTAR
- E) Pay NeCTAR for more network

?

# Exercise 6

Terminate your VM, and launch a new one from your snapshot, this time using the largest flavor that you are allowed.



## Question 4

How do you get access to bigger machines?

- A) You can't: it's hopeless!
- B) Offer NeCTAR a load of money
- C) Reach for your credit card and call Dell
- D) Make a support call to NeCTAR
- E) Go to the allocation tab and complete an allocation request

?

# Exercise 7

```
df -h  
sudo chmod a+rw /mnt/  
echo "File one" > /mnt/file1.txt  
echo "File two" > file2.txt  
more /mnt/file1.txt  
more file2.txt
```

Now terminate your VM, and launch a new one from your snapshot, this time using the largest flavor that you are allowed

## Exercise 7, part 2

```
sudo chmod a+rw /mnt/  
more file2.txt  
more /mnt/file1.txt
```

Where's the missing file?

# Exercise 8

Make your snapshot public by editing it:  
And confirm that it appears in the list of  
public images!

# Exercise 9

Delete your snapshot