

Instance is running on hansa512@student.otago.ac.nz

How our instance was deployed

We deployed our EC2 instance using the VagrantFile.

Firstly a Vagrantfile was initialized, then the below scripts were run:

```
vagrant plugin install vagrant-aws
vagrant box add dummy https://github.com/mitchellh/vagrant-aws/raw/master/dummy.box
```

within the same directory .aws/credentials was configured to be able to connect to our aws educate account and access cloud solutions (in this case we used s3). We used s3 as it allowed multiple VM's to access necessary files from the same place- which means there is constantly a backup. Also if one of the VM's update any of the .html files within their VM's it will also update the one stored in our s3 bucket "sahan-assignment2". We used RDS to create our database instance so we could cut down a VM.

connect to the instance using the below code:

```
ssh -i "sahan-assignment2.pem" ec2-  
user@ec2-54-84-169-153.compute-1.amazonaws.com
```

we configured a file within ec2 ssh called inc/dbinfo.inc which specifies the endpoint / URL of the database instance, the database instance name, the database username and also password to be able to access the database.

within my s3 bucket called 'sahan-assignment2' there are 3 html files present, instead of explicitly configuring the files in /var/www/html we can just get them directly from the cloud using the command below:

```
[ec2-user@ip-10-0-0-165 html]$ aws s3 sync s3://sahan-assignment2 /var/www/html
download: s3://sahan-assignment2/ViewReviews.html to ./ViewReviews.html
download: s3://sahan-assignment2/error.html to ./error.html
download: s3://sahan-assignment2/SamplePage.html to ./SamplePage.html
download: s3://sahan-assignment2/ReviewPage.html to ./ReviewPage.html
[ec2-user@ip-10-0-0-165 html]$
```

(proof that we did pull it from the cloud rather than typing ourselves)

Another great thing about this is that multiple VM's can be deployed without having to be separately configured.

For user interactions go to:

<http://ec2-54-84-169-153.compute-1.amazonaws.com/ReviewPage.html>

and you will be prompted.



Databases

Group resources

Modify

Actions

Restore from S3

Create database

Filter databases

<1>

| | DB identifier | Role | Engine | Region & AZ | Size | Status | CPU | Current ac |
|--|---------------|----------|-----------------|-------------|-------------|-----------|-------|------------|
| | db-instance | Instance | MySQL Community | us-east-1c | db.t2.small | Available | 1.67% | 0.0 |

DB Instances (1/40)