**OPENSHIFT-PUBLIC CLOUD**

Public cloud refers to offering general resources over the internet. some of the examples of public cloud are CloudFoundry, Cloudify.

OpenShift is an example for public cloud.

The public cloud I registered is OpenShift.

The OpenShift public cloud was developed by [Red Hat](http://en.wikipedia.org/wiki/Red_Hat). It was first released in the year **May 4 2011**.

OpenShift is written in Ruby **Programming language**. Ruby is a scripting language.

The official website for OpenShift public cloud is [**openshift.com**](https://openshift.com/).

OpenShift is a PAAS which is Platform as a Service. Where it provides to run us many application program.

It has got license from **Apache License**.

**Open Shift** supportsbinary programs and it can also run on Red Hat Enterprise Linux.

Database technologies are available in Open Shift.

**Supported language environment:**

It supports the following languages.

[JavaScript](http://en.wikipedia.org/wiki/JavaScript)

[Ruby](http://en.wikipedia.org/wiki/Ruby_(programming_language))

[Python](http://en.wikipedia.org/wiki/Python_(programming_language)) and many more…….

**Supported databases**

[MySQL](http://en.wikipedia.org/wiki/MySQL)

[PostgreSQL](http://en.wikipedia.org/wiki/PostgreSQL)

[MongoDB](http://en.wikipedia.org/wiki/MongoDB)

[Microsoft SQL Server](http://en.wikipedia.org/wiki/Microsoft_SQL_Server)

**Supported frameworks**

[Rack](http://en.wikipedia.org/wiki/Rack_(web_server_interface)) for Ruby

[WSGI](http://en.wikipedia.org/wiki/Web_Server_Gateway_Interface) for Python

**Reason for choosing the OpenShift Public Cloud:**

1)It provides good security, privacy for the user data.

2)It is easy to install and configure.

3)It provides us to develop the programmes in various languages.

4)It provides portability so that we can run our application programme in any of the programming language.

5)It has built-in IDE's like with Eclipse, JBoss Developer Studio, and Titanium Studio.

6)It provides choice of programming languages like ruby on rails.

Registered for a period of 30 days.