**Rackspace vs. Amazon – put together and upload a summary of major differences between the 2 vendors and pros/cons for one vs. the other for a full ecommerce cloud hosting solution. Clearly state assumptions you’re making in terms of your eCommerce System.**

**Difference between Rackspace vs. Amazon**

|  |  |
| --- | --- |
| **Rackspace** | **Amazon** |
| Rackspace is the largest managed cloud provider. It provides services mainly in cloud servers and dedicated servers. | Amazon is the world’s largest internet-based retailer and provides largest cloud infrastructure and ecommerce services |
| Rackspace helps in designing, building, and operating cloud for their customers. It manages various clouds and environments. It provides great support to manage AWS | AWS provides a huge platform for computing, networking, content delivery, storage and delivery, database, deployment, management, application services, analytics, and miscellaneous tasks. |
| OpenStack was developed by Rackspace in a joint project with NASA. It is capable of managing metal applications across private, public, and hybrid cloud using a standard set of APIs. | EC2 (Elastic Compute Cloud) is the best-known service by AWS. EC2 is an IaaS which provides virtual server operate on XEN and forms the central part of Amazon’s cloud computing platform. |
| The core technology on which Rackspace works is Python | The core technology on which Amazon works is Linux. It has three world’s largest databases. |

Pros of **Rackspace and Amazon**

Rackspace:

1. OpenStack which was developed by Rackspace in a joint project with NASA. It has given a new open source platform for defining cloud-based services. They also stated that customers in this will not run dangerously if getting locked into vendor stack
2. Rackspace provides top ecommerce web hosting like Magento, SAP Hybris, Oracle Commerce, etc.

Amazon:

1. In the market, there are large amount of developers and applications available for AWS because it has provided the vast tools like Python, .Net to developers as compared to other providers.
2. Amazon is also the most trusted service as for an example, it supports the US state and federal government on issues such as sales tax, privacy, and data protection.
3. Amazon has the largest number of data centers across the world that marks its dominance in the market for its services

Cons of **Rackspace and Amazon**

**Rackspace:**

1. Rackspace has a comparatively very small threshold to manage and provide services.
2. **It** has very a smaller number of data centers as compared to Amazon. This limits users to expose with many other options and services which might available in other organizations

**Amazon:**

1. Amazon has faced almost three major high-profile outrages which have questioned the sustainability of AWS. So, these types of disturbances have given a second thought for their quality and services.
2. Customers have been charged for input and output activities along with the storage usage even they haven’t utilized the services