

# Volume Types

The Rapid Access Cloud offers 3 different types of volumes based on different storage offerings. By default all users are given up to 500GB of space that can be used between all the 3 types. A per volume maximum of 250GB is also in place.

## Default (LVM)

Our default volume type is using RAIDed spinning disks, and is suitable for most, if not all workloads.

## Encrypted

We also offer the ability to encrypt your volumes, so your data is also encrypted at rest. To create an encrypted volume, choose the encrypted volume type when creating a volume. The encryption is invisible to your instance, as OpenStack will take care of unlocking your volume for you using a key exclusive to your user.

## SSD

We also now offer SSD storage for workloads that require faster random read speeds. SSD volumes can be created by choosing the SSD volume type, and have a default quota of 100GB for this one type. The SSD volumes are encrypted at rest by default unlike our previous volume offerings.