We are... FITZR⊕Y

Do Migrations Right

The Optimised Licensing Assessment (OLA) from AWS and Fitzroy IT

Are you running Microsoft workloads in your data centre or on-premises?
Are you thinking about migrating to the cloud for the TCO and other benefits?

Then you need to speak to Fitzroy IT about an Optimised Licensing Assessment (OLA).

An OLA analyses your current environment and provides all of the crucial information you need before starting a migration.

It examines:

- Servers
- Networks, and
- Applications

And provides you with:

- A detailed map of your devices
- Metrics related to resource utilisation
- An application dependency chart, which shows network traffic between servers, and to external resources
- A TCO report which details AWS costs, taking into account server right-sizing, and licensing optimisations

At the end of the OLA process you'll know:

- Exactly what you need to migrate
- How to do it, and
- Optimise the costs along the way.

Continue reading ⌄⌄

How does an OLA work?

An OLA starts with a conversation. This helps us understand your environment, how it is logically arranged (e.g. dev, UAT, production), whether you have existing cloud infrastructure and what part(s) of it are under consideration for migration.

Then the data collection phase begins, and this is as simple as:

- Installing tools to query your hypervisor (VMware vCenter or Hyper-V), or
- installing an agent onto each of your servers (physical or virtual), a process that can be automated using scripts or Group Policy.

Once installed, the data collection phase of the OLA begins. This takes two to four weeks and collects metrics on CPU utilisation, RAM utilisation, storage throughput, IOPS, and network throughput. The intention is to capture peak and average performance, so that data can be examined in the analysis phase.

Analysis of the data gathered and producing recommendations is the most valuable part of the OLA process. Fitzroy IT will be able to advise on things such as:

- Right-sizing your cloud instances, to avoid over-provisioning and underutilisation of resources
- Remove unused "zombie" servers
- Ensuring you have the right licences for your workloads eg. you may have SQL Server Enterprise licences when you only need Standard
- Modernisation opportunities, for example:
  - Using ARM processors
  - Migrating to Linux
  - Move database workloads to Amazon Aurora

Working with you, we can then plan what your target AWS environment will look like, and determine what it will cost to run, as well as your potential TCO savings. The average customer typically experiences a 20–30 percent cost reduction from the OLA analysis and right-sizing optimisations.

Once the OLA is complete, what are the next steps?

With a clear understanding of what you have, and where you want to get to, the next step is to plan your migration.

Fitzroy IT are experts at performing migrations with detailed planning and risk mitigation strategies that ensure that your cutover is seamless and has minimal user impact.

Start your Migration journey with an OLA by Fitzroy IT today!