

OCF SERVICES

CLOUD REPLICATION SERVICE

REPLICATION OF
HPC SYSTEM IN THE
PUBLIC CLOUD

CUSTOMER
APPLICATIONS AND
CONFIGURATIONS
MIRRORED

PROVIDES
BUSINESS
CONTINUITY IN
SHORT TIMEFRAME
FOR HPC

LOW COST DR
SOLUTION
WITHOUT THE NEED
FOR EXTRA
HARDWARE

ENTERPRISE RESILIENCE WITHOUT THE COST

OCF offers the UK's first public cloud based HPC disaster recovery service. The HPC Cloud Replication Service offers organisations (universities and research institutions) a managed service that can replicate existing HPC infrastructures on the public cloud.

With the HPC Cloud Replication Service, essential data can be transferred periodically to the public cloud, so if a disaster hits, the data is already safely available on a mirrored version of an HPC cluster. This is also a useful tool in planned downtime for maintenance or new software trials, whereby updates or testing can be conducted without impacting current workloads and research. The affordability is a big factor for many organisations too as the public cloud is less costly compared to the private cloud



WHAT WE OFFER

OCF HPC Cloud Replication Service gives our customers:

HPC replication consultancy

With an intimate understanding of your system and environment we will provide a design to replicate your HPC environment and critical data to the Public Cloud.

Straightforward Model

'What you need, when you need it' cost model. Our design has a minimal on-going infrastructure requirement, meaning you only pay for the cluster you need, when you need it.

'THE
CLUSTER
YOU NEED,
WHEN YOU
NEED IT'

Continuously up-to date

Your configurations, applications and data will be kept as up to date as you like, ensuring that if you're ever in a DR situation, you can rely on your HPC service to continue.

One-click activation

In the event of a disaster you can invoke the service using our one-click deployment method.

All of your system covered

- Operating System
- Cluster Management System
- Scheduler
- Storage
- Applications