



# Disaster Recovery as a Service (DRaaS)

DRaaS is a managed, cloud-based Disaster Recovery (DR) service that builds upon a standard backup and restore solution, enabling complete replication and re-enablement of your ICT operations during a business affecting outage.

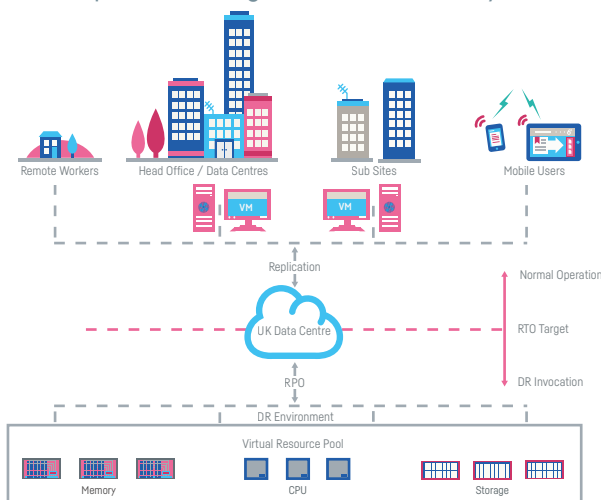


## Why do I need a Cloud DRaaS solution?

With so many businesses reliant upon internal and external access to and transfer of data, a disaster situation such as a major building fire can cause crippling damage to providers and end-users alike. A simple restoration of your most recent data snapshot will not be sufficient to resume business operations; a complete replication of your compute resource will be required.

## What is Six Degrees DRaaS?

Six Degrees DRaaS is a fully managed, DR service utilising a cloud-based resource model. Your ICT estate is replicated and hosted in a dedicated DR environment within a virtual Six Degrees resource pool. We use the latest enterprise-grade equipment located in one of our geographically diverse and secure UK data centres. Our expert team of in-house cloud engineers work directly with you to assess and plan bespoke Recovery Time and Recovery Point Objectives (RTO and RPO), ensuring timely, responsive and compliant hosting is available when you need it most.



## How it works

- Your entire ICT estate and existing backup solutions are assessed
- Recovery Time and Recovery Point Objectives are agreed
- Required compute resource is reserved in a bespoke Virtual Resource Pool within a managed DR environment
- Managed backup will occur in line with the agreed RPO, with regular proactive DR testing
- In the event of a DR situation, full computing resource will be invoked as per the agreed RTO

## How might it be deployed?

This diagram shows the flow of a customer's data both in normal circumstances and when Disaster Recovery has been invoked.

## Key Features

Features	Benefits
Off-site Deployment	Your data is protected in geographically diverse locations
Resource Reservation	Reservation of Disk, CPU and Memory capacity to be used in the event of a disaster
Scalable Resource	Ability to scale your reservation in line with the demands of your business
RPO	Definable RPOs allowing key data to be saved more frequently
RTO	Understand your business RTOs and react accordingly
Workload Protection	Protect the parts of your infrastructure that are required to operate your business
DR Plan & Test	Understand and test how your DR will be invoked and how resources will be made available to your users
Disaster Recovery	Restoration of agreed replicated compute resource

## Protected Workload

Using enterprise-grade software, the workload that needs to be protected can be defined along with the requirements for backup frequency and data retention. When handling large datasets, the same tools can be used to transfer data to a seeding disk drive; this encrypted data can then be sent by courier and imported into our cloud platforms to significantly reduce the time taken to protect your business.

## DR Plan & Test

Tools are installed in your primary compute environment, whether on-premise, in colocation racks or hosted in a cloud. These are then configured to backup servers in our privately owned, geographically diverse UK data centres. The correct and appropriate technology is then chosen and deployed to ensure your agreed RTO, RPO, and commercial demands are all met. Data is routinely backed up to a secondary location with a defined and reserved amount of CPU, memory and disk space. Regular DR invocation testing can be undertaken in alignment with your agreed and approved Business Continuity plans.

## Disaster Recovery

When an event takes place that requires the invocation of your DR plan, resources within our data centre alongside our highly skilled engineers can be used to bring your business online at full or partial capacity. Our engineers can be available to assist in the turning up of services and any agreed work to ensure end-user availability. We believe that a successful DR invocation is measured by user experience and not just infrastructure availability.



## Let us help you

Six Degrees Disaster Recovery as a Service (DRaaS) is just one solution from our compelling product portfolio structured and designed to solve your business infrastructure needs. With incredible support from our passionate in-house engineers alongside an innovative offering to create the solution that you need, we are happy to help.

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## Accreditations



Microsoft  
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