

# Disaster Recovery as a Service



## Overview

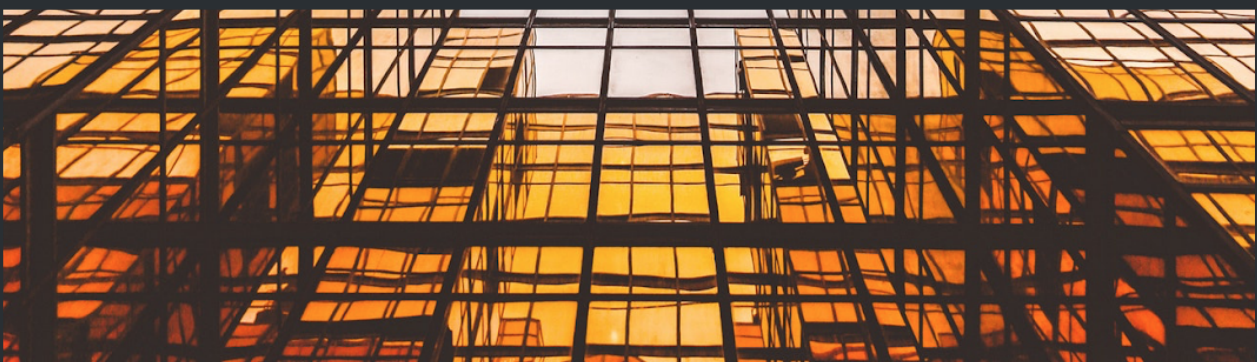
When a critical server experiences a fault—through a natural disaster, human error, a cyber attack or technology failure—your business will immediately feel the impact. The question is: How well will you absorb the impact?

To be effective and worthy of the investment, the disaster recovery process must be accurate, clear, easy and fast. Many organisations are running hybrid clouds to support their entire enterprise. This poses a real challenge for disaster recovery strategy, since the complex mix of public, private and dedicated servers is often a serious impediment for businesses that want to get back up and running after an outage.

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## How it works





# The Benefits

**Quick recovery** – We never know when a disaster might occur. It's important to think ahead: if a significant outage does occur, how much downtime is acceptable? Every second that passes while the power supply is off—or your servers aren't functioning—can equate to large losses for your company. A Disaster Recovery as a Service (DRaaS) solution gives you the peace of mind that you can restore normal operation **within minutes**.

**Your 24 x 7 x 365 DR Team** – Should any crisis arise, a team of DRaaS professionals will manage the recovery for you, ensuring your data is accessible in the shortest possible time within the terms of the service level agreement (SLA). We offer 24 x 7 x 365 availability as standard.



# Reduce Expenditure

Virtualised DRaaS employs a large, scalable infrastructure, giving access to a wide variety of shareable assets. This minimises your future hardware and software expenditures, so management can reallocate its budget to support other high priority areas such as R&D or marketing. By relying on DRaaS, it becomes unnecessary to worry about backup servers since they have excellent support in a state-of-the-art data centre, top-grade bandwidth and high-performance computing resources.







# Flexible and Secure

Compared to conventional methods, DRaaS is far more flexible, with various DRaaS services providing many options for handling different business systems. Choose from a wide selection of recovery scopes that correspond to different disaster types, including power loss, server malfunction or failure, human error, facility access, data tampering and more.

## Advanced Security

Since DRaaS also provides multiple security options, you can rest easy knowing that your backup data is virtually invulnerable to malicious attempts and system glitches. The best service providers carefully manage secure information through constant meticulous monitoring tools and processes. DRaaS companies also maintain strict data centre access procedures to ensure no tampering or unauthorized access occurs.

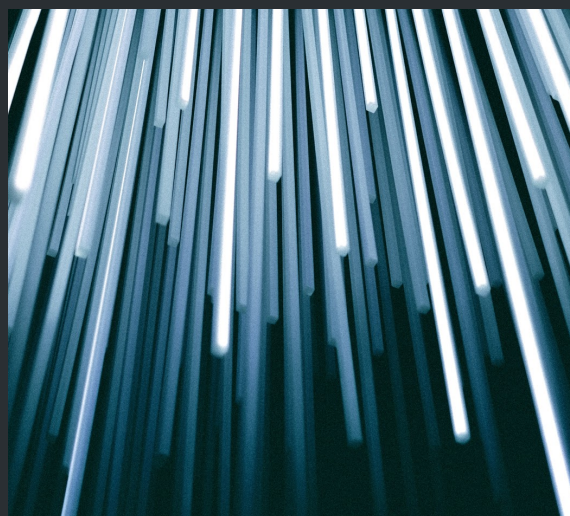




# Rapid Recovery

Cloudhelix DRaaS integrates Zerto with our high I/O cloud computing platform, which is the most simple and reliable DR implementation available. You get complete control of your DR solution from within the **vCenter** interface. This platform is available for multi-site deployment and replication to multiple targets. However, We know from experience that it's not all about great technology. Too often, a key element that is overlooked in designing a DRaaS solution is the available performance in the target cloud platform.

Cloudhelix is different. When a workload fails over onto the Cloudhelix platform, it instantly boots onto a system that is running on our in-memory compute nodes, and all I/O is accelerated in host memory and cached to Fusion IO. In many cases, your workload will run faster and be more responsive in a disaster recovery mode than it was in production!



The Cloudhelix Disaster Recovery as a Service (DRaaS) provides enterprise-grade disaster recovery and business continuity for VMware-based cloud platforms. The core of the service is hypervisor-based replication from Zerto, which provides a Recovery Point Objective (RPO) of only a few seconds. In the event of a catastrophic failure, pre-staged replicated machines can be resurrected quickly with minimal impact on the organisation, thereby reducing the potential impact of an event.



There are many technical benefits in adopting the DRaaS solution, these include:

- Minimal Recovery Time Objectives (RTO), measured in seconds
- Hardware-agnostic that operates at the virtual machine (VM) level
- Replicate only the VMs you need
- IP address changes can occur automatically
- Reduces downtime and maintenance window duration
- Manage test and actual failovers yourself—from a simple web dashboard
- Supported by VMware with Hyper-V support
- Support for heterogeneous environments
- Underlying storage and logical unit number (LUN) configuration becomes irrelevant
- Integrate boot order and pre/post boot scripts into your failover plans
- No major infrastructure changes necessary

# Technical Benefits





# Financial Benefits

In addition to the many technical benefits summarised above there are a wealth of financial benefits, such as:

- Move more of your expenditures from CAPEX to OPEX
- Highly cost-effective delivery of high-caliber disaster recovery services
- Save on license expenditures for costly SAN features and renewals
- No need to perpetually provision and upgrade hardware dedicated only to DR
- Shelve or discontinue secondary data centres
- No long-term contract
- Far less administration overhead equate to far less expense for ad-hoc DR testing
- Simple method for calculating the cost for protecting specific servers or services.





## Our Approach

Our engagements begin with a consultation in which we'll guide you through the steps of disaster recovery planning and crafting a business continuity strategy. After we implement a disaster recovery solution, our Experts as a Service approach means that our team is immediately accessible through a Slack message or telephone call. This empowers your team with the benefits, of deep knowledge, key insights and prompt action at the times you'll need it most.



We'll continually monitor all aspects of your solution, ready to jump in and assist—as much or as little as your team requires. You can initiate recovery through your portal, by telephone or by sending a short text message to your account manager in an emergency.



## Get in touch to learn more

With a Cloudhelix DRaaS, you'll get rapid recovery assurance, the ability to reduce your resource cost, and a high-available DR team.

**Contact** one of our experts today, and let's transform your serious technical challenges into a solid, easy-to-manage disaster recovery cloud solution.

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