Disaster Recovery Service

An easy, affordable way to ensure data safety and quick IT systems recovery

Add disaster recovery to your cloud backup in one simple step

A cloud backup solution protects your company's data so you can always restore your critical business systems. However, in case of a serious outage like one caused by fire, your backup files will be safe – but it will take days or even weeks to bring the applications back online. When it comes to critical business systems and customer-facing services, each hour of downtime costs money and jeopardizes your reputation. In fact, a single unplanned downtime can cost an SMB an average of $82,200 to $256,000, according to the IDC.

Disaster recovery as a service (DRaaS) minimizes recovery time by quickly spinning up the systems in a cloud datacenter. That means in case of a serious outage, you can count on getting back to business quickly.

	Cloud Backup	Disaster Recovery
Key function	Protect data from loss	Recover applications quickly after a disaster
Application recovery time	Hours to days	Minutes
Storage type	Cold storage	Hot storage

DRaaS with Cloud3 Solutions

Our disaster recovery service is an easy and affordable DRaaS solution, built on top of our cloud backup service, that protects critical corporate workloads by instantly spinning up IT systems in the managed cloud recovery site and recovering them to any similar or dissimilar hardware.

Zero CAPEX
Protect your budget with no investments in an off-site DR facility, or in on-premises software and hardware.

Pay-per-use pricing
Reduce costs by paying only for the servers you are protecting, only when you need protection.

Managed cloud recovery site
Leverage the full cloud infrastructure with the ability to failover to and run machines in the cloud.

Easy, intuitive solution
Enjoy a self-service web-based console for key operations like disaster recovery testing, failover, and failback.

Enable disaster recovery with a few clicks
Add and configure a cloud-based recovery server with just a few clicks using the intuitive web console.

Disaster recovery for any workload
Support all popular workloads – Windows and Linux, six major hypervisors, and business applications.

What's included

- Secure off-site recovery infrastructure
- Failover to the cloud recovery site
- Disaster recovery orchestration
- Failback to primary site or to a new location
- Instant recovery of machines in a local, virtualized infrastructure
- Recovery to dissimilar hardware, including bare-metal, physical, virtual, or cloud environments
- Non-disruptive failover testing in the cloud
- Protection of data on 20+ platforms, including virtual, physical, and cloud-based servers, endpoints, and mobile devices
- Full image and file-level backups
- Backups stored in both local and cloud storage
- Wide range of recovery options: entire machine, ESXi configuration, single files and folders, databases, Office365 mailboxes, etc.
- Proactive anti-ransomware protection for Windows machines

Call us at +65 6559 6279 or Email us at Contact@Cloud3.Solutions today!

Disaster recovery features

Our disaster recovery (DR) service employs many features to make DR seamless for businesses. These include:

Backup-based replication of production machines
Benefit from the perfect combination of short recovery times and much lower costs when compared with sophisticated replication technologies. Machines can be spun up in the cloud recovery site in mere minutes.

Instant off-site failover to the cloud recovery site
Get back to business almost instantly in the event of a site outage by switching your production workloads to machines in a cloud data center.

Isolated testing environment
Start recovery servers in the cloud-testing environment to isolate testing from the production network.

Disaster recovery orchestration
Speed up and simplify failover of multiple machines to the cloud recovery site with the runbooks feature. It ensures more efficient operations by automating failover and testing and enables system recovery in the right order, thereby addressing interdependencies between applications on different machines.

Extension of local networks to the cloud recovery site
Extend your corporate network to the managed recovery site, providing transparent remote access to recovery servers in failover mode. Our VPN virtual appliance and network parameter auto-discovery capabilities make it simple.

Original IP addresses available during a failover
Access your recovery server whenever you need to. An assigned production IP address ensures your server is readily accessible from both your local network and the internet.

Includes all features of Cloud3 Solution's Cloud Backup Service

Our cloud backup service is the foundation for our disaster recovery service, so it includes all features of our powerful backup solution. For example:

Recover to any hardware
Restore Windows and Linux systems to the same, similar, or dissimilar hardware during a failback procedure, including bare-metal, physical, virtual, or cloud environments.

Reduce RTOs to seconds with Instant Restore
Shrink recovery times significantly in the event of a single server failure. Start any physical or virtual Windows or Linux system directly from the backup storage on your existing Microsoft Hyper-V or VMware vSphere ESXi host – without moving data.

Proactive anti-ransomware protection
Prevent system unavailability caused by 99.99 percent of ransomware with a unique, proactive technology at work. Any files impacted before an attack was deflected are automatically restored.

Data protection for any environment
Avoid data loss by protecting data on virtual, physical, and cloud-based servers, PCs, Macs, iOS and Android devices, Office 365, and corporate websites. Backups are stored in multiple locations, including any local or cloud storage of your choice.

Granular recovery
Search for specific documents, tables, emails, and the like, and restore the lost data itself without having to recover full databases or systems. This technology ensures quick, incremental restoration of needed data and simultaneously speeds up recovery.

Built on Cloud3 Solution's Cloud Backup Service

Our "all-in-one" approach enables multi-layer protection for your entire environment with faster recovery and greater ease – at a lower cost.

Enable disaster recovery in minutes
Adding disaster recovery capabilities to our cloud backup service only takes a matter of minutes. The solutions utilize the same agent, web console, replication, backup storage, and cloud infrastructure. The only additional component required on the customer's side is a virtual VPN appliance, which makes the setup as quick and easy as possible.

Add disaster recovery with no upfront costs
Charges for compute resources apply only in the event of a production failover or failover testing. If you already back up your machines with our cloud backup service and store the backups in our cloud, the only additional, on-going cost is for hot disaster recovery storage.

Easier management
Cloud3 Solutions disaster recovery and cloud backup services are managed from a single console and use the same backup agent. Managing just one solution, you can perform daily and periodic operations more quickly and easily. Meanwhile, if your team is already familiar with the <cloud backup product> interface, it requires virtually no training to use <DR product>.

Supported Environments for Disaster Recovery

Physical and virtual machines	• Windows • Linux
Virtualization platforms	• VMware vSphere • Microsoft Hyper-V • Linux KVM • Citrix XenServer • Red Hat Virtualization