backuptechnology
an iomart company

ClouDRaaS – One Click Disaster Recovery

No one likes paying for insurance for the simple reason that no one ever expects to ever actually use it. Disaster Recovery, or Business Continuity, solutions are a prime example of an insurance policy that a business really hopes it never has to use, but can save it from financial ruin should the worst happen.

ClouDRaaS, One Click Disaster Recovery from Backup Technology, is a hypervisor level replication solution that enables organisations to protect any virtual environment. ClouDRaas securely replicates critical servers and applications to a dedicated disaster recovery platform, which is easy to manage, simple to use, delivering exceptionally short Recovery Point and Recovery Time objectives.

Where ClouDRaaS can help

The very phrase 'disaster' recovery conjures up images of offices and data centres destroyed or damaged by fire, flooding, earthquakes, volcanic activity, tornados, but in reality the cause of a data 'disaster' is usually rather more mundane!

No Disaster Recovery plan

The simplest of all. No one thinks that anything bad will actually happen to their business, so when it does, they're completely unprepared to deal with it. The odds are that your business will suffer at some point.

Traditional DR plan is ineffective (or untested)

A traditional DR solution is better than none! But often businesses don't actually test how their DR plan would work in reality. Using tapes for backup might be cheaper, but it will lead to significantly longer RPOs and RTOs – and that's expensive.

Prevent Human Error

The vast majority of incidents are actually caused by simple human error. Having an effective DR plan in place, that can be implemented as rapidly as ClouDRaaS, delivers peace of mind.

Recover from Application/Server Crashes or catastrophic Hardware Failures.

Sometimes IT just doesn't work the way it's supposed to – and simply turning it all off and back on again won't solve the problem. With ClouDRaaS, you can't prevent these problems from happening, but you can make sure they don't affect your business too badly.

Corrupt Backups

You may have a backup solution in place and think that will cover you in a worst case scenario. But backups, particularly traditional backups, can malfunction and be corrupted. These issues can easily be avoided using a Cloud based disaster recovery solution.

ClouDRaaS Benefits

RPOs measured in seconds

Organisations can restore their systems to their state as little as 13 seconds before the incident that caused the problem, but administrators have a choice to restore to almost any point in the previous 7 days. This reduces data loss and minimises any revenue loss.

RPO
OF UNDER
15 SECS

RTO
OF UNDER
60 SECS

RTOs measured in minutes

ClouDRaaS is capable of recovering your servers in a matter of seconds. In reality, the time limiting factors are the speed of your network connection and simple human limitation: exactly how long would it take your IT team to click the one button?

Minimise the impact of disasters

The longer your systems are unavailable, the worse the outlook is. 80% of businesses that suffer a major disaster cease trading within 3 years. The lost revenue, legal implications and reputational damage can be exceptionally difficult to recover from. A solution that reduces data loss and downtime to a bare minimum can easily pay for itself.

Simple Pricing Model

DRaaS pricing plans can be complex to say the least. Hidden extra costs such as CPU, RAM and bandwidth can quickly mount up. That's why BTL have created a simple and transparent pricing model featuring a one-off set up fee and then based on the number of protected VMs and the volume of storage per terabyte. All other costs including compute are built in, so there's no hidden gotchas.

Regular Managed Testing

A successful and effective DR solution has to be regularly tested to ensure the RPOs and RTOs are meeting their targets and it's providing the protection the business thinks it's getting. The ClouDRaaS portal allows testing at any time to suit your own internal schedules, but BTL will also carry annual certified and managed testing.

Connectivity Solutions

If a rapid RTO is crucial for your business, BTL recommends testing that your data connection can cope with the potential demand. With access to one of the largest and fastest dark fibre networks in the UK, BTL can provide a high speed connection between your primary servers and backup environment in our data centre infrastructure.

Reliable Solution

BTL are Disaster Recovery, Cloud Backup and Business Continuity experts, protecting petabytes of data for industry names across the globe and covering every sector. We have established and well documented invocation and testing methodologies to provide our customers with complete peace of mind.
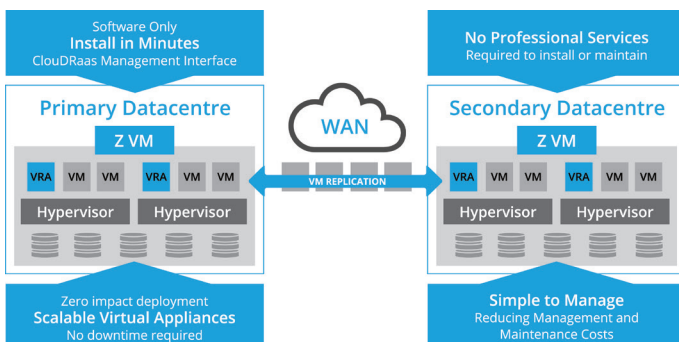
Guaranteed Performance

We guarantee that your recovered environment will perform at least as well as your primary infrastructure – including compute, RAM and storage. In fact, with our tier one infrastructure and performance, you could find it performs better than your primary systems!

Other Features

- Removes the need to double up on hardware or a secondary data centre – cost effective and environmentally friendly
- Flexible recovery options
- Increase in size of protected infrastructure doesn't increase RTOs
- Complete control of data sovereignty
- Managed virtual firewall
- Rapid data seeding
- Proactive monitoring
- Hypervisor and Storage agnostic
- Public and Private DRaaS – including AWS
- 24/7/365 Support
- 99.9% Service Availability guaranteed
- Can be used as cloud migration tool
- No agents or snapshots
- Rapid Implementation
- One Click Rollback

Optional Extras

- Physical Firewall
- Physical Server option with hybrid DR
- Additional Testing available
- Direct Connectivity
- Additional Offsite replicas

Software Only
Install in Minutes
ClouDRaaS Management Interface

No Professional Services
Required to install or maintain

Primary Datacentre
Z VM
VRA VM VM VRA VM VM
Hypervisor Hypervisor

WAN
VM REPLICATION

Secondary Datacentre
Z VM
VRA VM VM VRA VM VM
Hypervisor Hypervisor

Zero impact deployment
Scalable Virtual Appliances
No downtime required

Simple to Manage
Reducing Management and Maintenance Costs

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