

DR in a BOX

 **Hewlett Packard**
Enterprise

cloudreco**ver**

DR in a Box **New!** Powered by HPE



Solution Overview

DR in a box is a low-cost, easy-to-use and reliable backup and recovery solution powered by HPE VMX. It is a fully managed service that can take the pain out of backup, and drastically simplify data recovery. It combines cloud-based backup with powerful disaster recovery capabilities, and flexible failover options. In the event of a server failure, a local instance can be powered up in a matter of seconds from a local appliance. In the event of a disaster or major outage, customers can failover to a cloud-based instance of their critical servers within one of CloudRecover's Australian data centres.

This flexibility of recovery options ensures that customers can still continue to function whilst they undergo recovery procedures. This high performance data protection solution will minimise disruption to "Business as Usual"!

DR-in-a-Box features CloudRecover's purpose-built appliances, powered by Hewlett-Packard Enterprise. In concert with HPE's VM Explorer backup software, CloudRecover's DR-in-a-Box service simplifies many of the challenges of protecting data, and ensuring business continuity. Ease of use is combined with expert management of backup and DR operations by CloudRecover's dedicated team. The result is simple - Organisations can refocus their attention to drive innovation, instead of struggling with backups.

Advanced recovery options including:

- Instant Virtual Machine Recovery (IVMR) technology allows VMs to be recovered in a matter of seconds directly from backups, reducing unplanned downtime and improving service availability. Single-click restore moves VMs to production through VMware vMotion or Hyper-V live migration
- Granular file-level recovery enables rapid restore of single files and folders directly from any backup — full as well as incremental backup on-premises or in the cloud — without restoring the full backup
- Power on VMs directly from the backup appliance in a matter of seconds

Fast and efficient backup - server-to-server fast copy, snapshot integration, dynamic compression, and Changed Block Tracking (CBT) support. HPE VMX copies files and backups at full speed directly between ESX, ESXi, Hyper-V, Linux and FreeBSD servers.

Throughput is limited only by the available network bandwidth and the disk speed of the source and target systems.

Backup data and DR instances are replicated to CloudRecover's Australian data centres to deliver a minimum of 3 copies of backup data. Data is encrypted at rest and in transit. Data compression and de-duplication are used to provide high efficiency when replicating to the cloud — only new data and changes are transmitted.

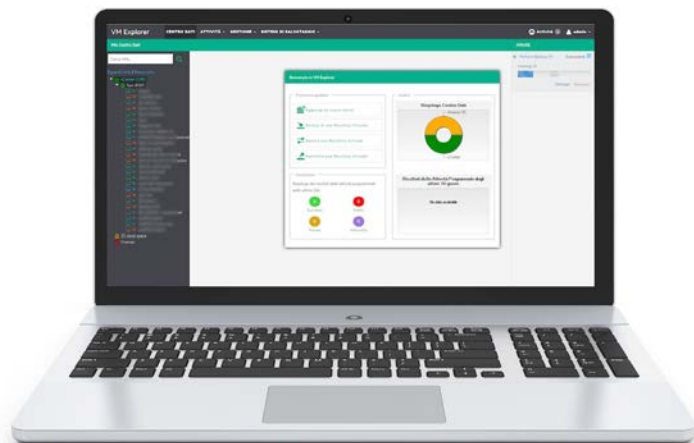
Benefits

- Cloud and local DR providing protection for a full site failure as well as individual file recovery
- Instant onsite recovery for VMware and Hyper-V
- Simplify your backups
- Easy to use Web Interface for restores
- No need to manage licensing, hardware, software maintenance
- Replace legacy backup solutions - move away from tape

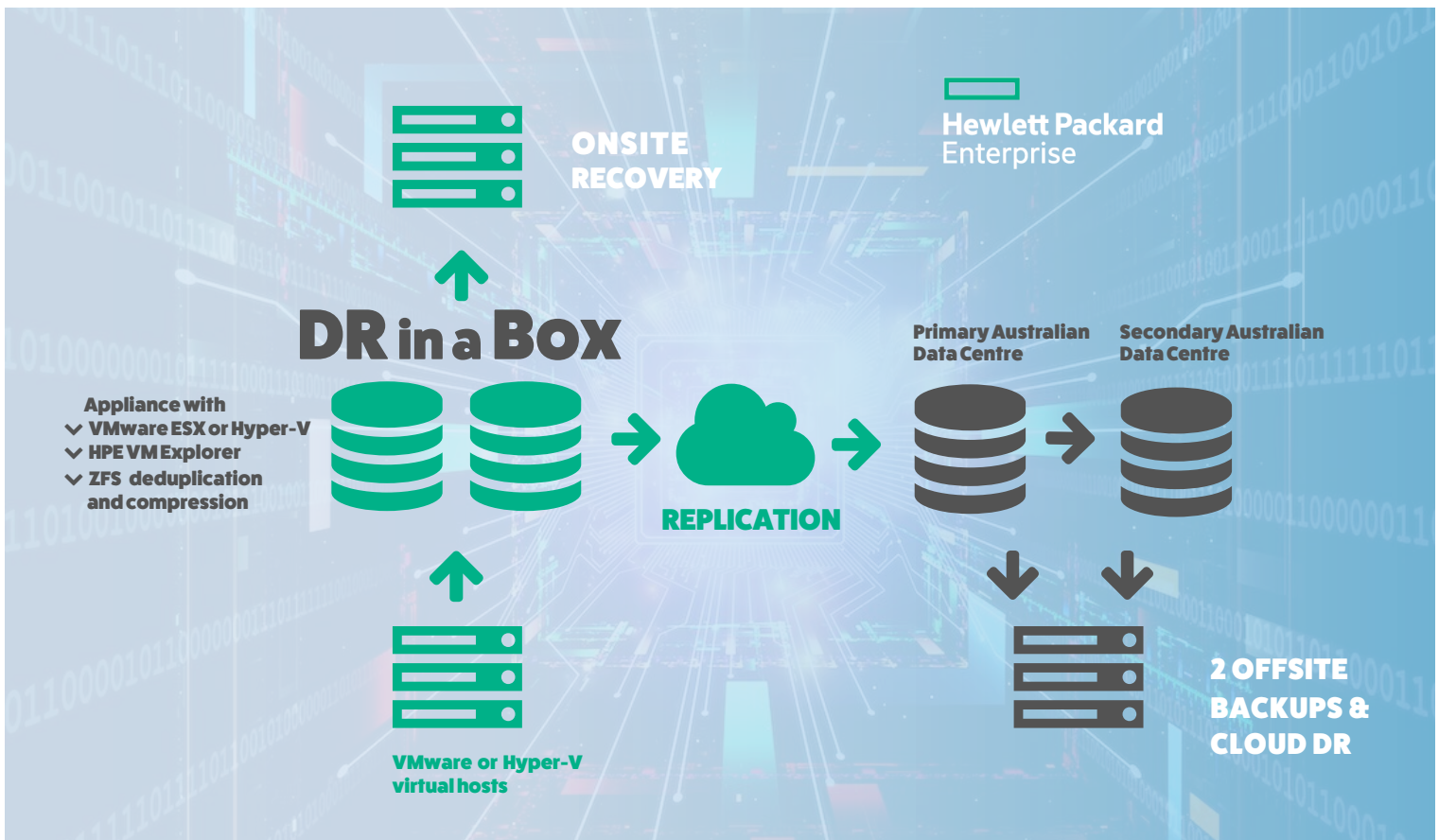
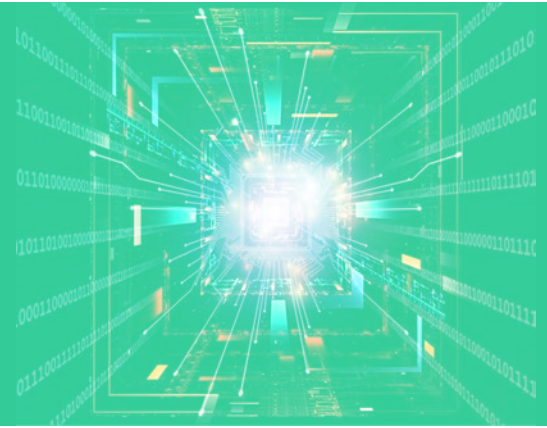
- Flexible cloud-based data protection to suit majority of use-cases – up to 30 years data retention
- Unparalleled Security
- 256 bit encryption for data in transit and at rest
- Replicated across multiple Tier-III Australian data centres
- Up to 3 copies of data – geographically dispersed
- Fully Managed solution
- Australian based 24x7 support
- "Instant on" Disaster Recovery from local appliance
- 24Hr Recovery Time Objective for cloud DR
- Monthly subscription with a fixed cost per month. No additional data cost. No per virtual machine cost
- Scalable solution – custom options are available – capable of supporting up to hundreds of Virtual Machine's and large volumes of data

Solution powered by

 **Hewlett Packard Enterprise**



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DR in a Box

DR in a box comes in different sizes, depending on the data size, and number of DR instances your business is looking to protect.

DR in a Box - MICRO

- Up to 500GB of protected data
- 1 DR instance – including local and cloud DR
- 2 vCPU, 16GB RAM, 500GB usable storage

DR in a Box - SMALL

- Up to 2TB of protected data
- 2 DR instances – including local and cloud DR
- 4 vCPU, 16GB RAM, 2.5TB usable storage

DR in a Box - MEDIUM

- Up to 4TB of protected data
- 4 DR instances – including local and cloud DR
- 16 vCPU, 32GB RAM, 9TB usable storage

DR in a Box - LARGE

- Up to 9TB of protected data
- 10 DR instances – including local and cloud DR
- 20 vCPU, 96GB RAM, 18TB usable storage

Flexible custom options are also available!

Primary Data Centre

Our Primary Sydney data centre is located at Global Switch in Ultimo, and is one of the largest data centres in the Southern Hemisphere. The data centre is positioned on the western edge of the Sydney CBD) and is serviced by multiple telecommunication exchanges, as well as a diversified electricity supply. This Tier III Data Centre is certified for ISO 9001, 14001, 27001 standards, and is listed on the Australian Federal Government Data Centre Facilities panel.

Physical access to the data centre is controlled using mantrap, with proximity card readers and biometric systems. Premises under constant CCTV surveillance for both exterior and interior common areas, with onsite security guards and facility management engineers available 24x7x365. The data centre also features redundant power with diesel generators, redundant cooling, and a redundant fire suppression system.

Secondary Data Centre

Pipe Networks Cable Landing Station Cromer is where the PPC-1 internet fibre optic cable enters Australia from the United States. It is 40 kilometres from Global Switch and provides a secure fully replicated copy of the production environment.

The facility is an unmarked, steel gated, reinforced concrete structure that is fully equipped with two factor access control, CCTV, 24x7 NOC, fire suppression and control, redundant generators, redundant UPS and redundant HVAC.

About CloudRecover

- Operating since 1999
- Specialised provider of Cloud Availability and Managed Service solutions
- HPE Hosted Software Distributor
- All data stored in Australia, replicated across geographically dispersed Tier III data centres
- Hundreds of satisfied customers, spanning across Australia and Asia-Pacific region

cloudrecover
data management

More Info on DR in a Box:
cloudrecover.com.au/backup-and-recovery



Frequently Asked Questions