MICRO FOCUS®

Quickly Recover from Security Breaches and Natural Disasters with Data Protector

Micro Focus® Data Protector simplifies and accelerates disaster recovery for hybrid IT.

Data Protector at a Glance:

- **Provides a Unified Solution for Backup and Disaster Recovery**
  Saves time and reduces complexity.

- **Protects Physical and Virtual Machines**
  Allows users to perform disaster recovery in physical and virtual IT environments.

- **Recovers Data to Dissimilar Hardware**
  Enables recovery of data from physical servers to virtual machines (VMs), or to physical servers with different configurations to those they replace.

- **Simplifies Recovery for System Administrators**
  Features easy-to-use wizard to accelerate data and system recovery.

- **Allows Data Recovery from Local Tape Drives**
  Ensures business continuity if a network is not available.

Disaster Recovery Challenges

A disaster recovery process enables organizations to access their data and limit downtime after the failure of a system due to an issue such as a ransomware attack or fire. However, using a disaster recovery product that isn't suited to modern IT environments can create numerous challenges for IT administrators.

A key problem with many disaster recovery tools is that they can't recover data to a dissimilar system with different configuration, such as a new virtual machine (VM) or physical server. If the disaster recovery solution requires the target server to be the same as the original server, the company may be forced to maintain the old server. This can paralyze an organization's ability to upgrade to higher performance systems.

Complications can also occur when a company has a mix of VMs with Microsoft Hyper-V and VMware hypervisors. Basic disaster recovery software may prevent data recovery from one type of hypervisor to another.

Administrators may also encounter issues trying to recover systems quickly in complex IT environments. For example, a network might fail after a disaster, making it necessary to recover data from a local tape drive, instead of a remote server. In this scenario, offline local recovery is required to bring a system back.

One approach to solving these challenges is to purchase specialized disaster recovery software, although this can increase costs and the number of applications and licenses that administrators must manage. A better approach is to use a single, unified backup and recovery product to streamline management and control costs.

Micro Focus Data Protector Streamlines Disaster Recovery

Micro Focus Data Protector is built for complex and hybrid IT environments. It combines enterprise-class backup and disaster recovery features in one solution to simplify tasks and give system administrators options.

Recovers Data to Dissimilar Hardware

Data Protector's bare metal recovery feature, called Enhanced Automated Disaster Recovery (EADR), automates the disaster recovery process and provides advanced recovery capabilities on Windows and Linux clients and cell managers.

EADR can recover data to servers that have different configurations to those being replaced. This might include a physical server being recovered to a different server or a VM. It also allows administrators to recover Hyper-V VMs to VMware VMs, or vice versa. EADR to dissimilar hardware is supported on Windows servers.

With EADR, administrators can make configuration changes during the recovery process to match the configuration of the target server. For example, they can reconfigure the network, repartition the drives, or even add additional drives, without disrupting the recovery process.

Data Protector also gives administrators the flexibility to perform disaster recovery using backup data that was previously deduplicated or encrypted.

Automatically Creates Disaster Recovery Images from Backups

The EADR feature can form a recovery image from backup data anytime, rather than requiring administrators to create separate recovery images. It does this by attaching recovery information such as drivers, network settings, and operating system files to backup images.

This capability allows administrators to recover servers using up-to-date data—even if they haven't generated a disaster recovery image manually for some time. Or, they can create recovery images after each backup, which is the recommended approach when using Data Protector Cell Manager to recover data. This functionality minimizes data loss and reduces the effort involved in recovering data.

Simplifies Recovery Using a Wizard

A wizard guides administrators through each step of the EADR recovery process. This capability makes it easier for employees with minimal IT skills to recover data and can allow administrators to minimize their involvement in the recovery process, depending on their knowledge and the recovery requirements.

Allows System Recovery from Tape Drives

Enterprises typically use corporate networks to access the data they need to recover servers, but those networks can fail during a disaster. Administrators can overcome this problem by using the One Button Disaster Recovery (OBDR) feature for Windows and Linux Data Protector clients.

This automated method bypasses the network and recovers data from OBDR-compatible HPE tape drives that are connected directly to the target server. OBDR generates a recovery image and stores it on tape. An administrator can then boot the target server from the image on the tape. However, they must create a new OBDR image after any change to the target server's configuration.

Enables Recovery When Disk Is Faulty

The Disk Delivery Disaster Recovery (DDDR) feature—supported on HP-UX, Solaris, and AIX operating systems—allows recovery when a disk sub-system is faulty. Administrators can use an auxiliary disk containing backup data if the Data Protector client system is not available or create a new disk if the client system is online.

Benefits for Users

Data Protector saves IT administrator's time and ensures business continuity by providing a disaster recovery process that is built for modern enterprise IT environments. With Data Protector, administrators can:

- Quickly recover data and systems after a security breach, such as a ransomware attack
- Reestablish operations at local offices after issues such as fires, floods, or hurricanes
- Streamline IT management by using the same solution for backup and disaster recovery
- Increase efficiency and business agility by recovering data to new systems with dissimilar hardware and hypervisors
- Improve business continuity by ensuring up-to-date recovery images
- Simplify disaster recovery using an interactive recovery wizard.

Learn More At
www.microfocus.com/dataprotector

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