KRPC Services

Helping you find the right IT solutions

Computer Backup Services

Ransomware Detection and Protection

No matter how hard you try, someone that depends on you for support will eventually click on the wrong email and succumb to ransomware. The compromised machine will then encrypt user files and demand a ransom for the key to unlock the system. Worse, the threat will often spread across the network and infect other machines, seriously impacting business productivity. Of course, paying the ransom may not solve the problem.

In 2016, Datto released the first ransomware detection in the industry, as part of its "Total Data Protection" solution. Ransomware, like most illicit software, leaves an identifiable footprint as it takes over a server, PC or laptop. Datto devices actively monitor backups, and when a ransomware footprint is detected, it notifies admins that they have a likely ransomware attack on their hands. From there, recovery is simply a matter of restoring from a previous backup. Stop worrying about ransomware and get back to business fast with Datto.

Your secret weapon? Time Travel. The only sure way to resolve a ransomware attack is to roll back the affected systems to make it as if it never happened. ALTO, with point in time rollback, is designed to recover from just these scenarios.

Availability and Data Integrity for any size business

With a hybrid cloud backup solution, backup images are stored on-premises and mirrored to cloud data centers, so they can be accessed in the event that restoration is not available locally (i.e. a disaster scenario). Third-party cloud DRaaS providers can offer space and offsite compute in the cloud at lower costs than the average MSP could provide if they built their own cloud.

Datto BDR devices maintain months of backups on premises, protected by pre-existing firewalls, security protocols, and encryption. Devices also replicate all backups (recent and long-term) to two remote Datto Cloud locations. The hybrid cloud solution ensures classic "3-2-1 rule" resiliency, but without the architecture costs and planning that traditionally put this out of reach for most businesses.

All Datto appliances and cloud nodes use the advanced ZFS file system both onsite and in the Datto Cloud. ZFS guarantees protection from drive failures, but more importantly protects against **silent data corruption**. As a DRaaS solution, the Datto's Hybrid Cloud Platform also provides the flexibility of Instant Virtualization of backup clients using the compute from the local BDR appliance or in the Datto Cloud, for simple yet maximum availability for BC/DR. The robust 300 PB Datto Cloud also provides cloud storage for Datto Backupify and Datto Drive.

Disaster Recovery and Business Continuity

When infrastructure fails, business comes to a grinding halt. Replacement hardware takes time to order and install, infrastructure needs to be rebuilt, and backups need to be parsed and applied. This can take hours or days, even with a good backup solution. Unfortunately, when business is down, every second counts. That is why ALTO provides image based backups that can be booted in the secure Datto Cloud with the click of a button.

Get more than just one server back up and running; virtualize your entire infrastructure with the click of a few buttons. Be back up and running as fast as the Images can boot in Datto's Cloud. Once the crisis is past, ALTO makes it easy to get back to normal operations. Say goodbye to business down time, and hello to fast and easy business continuity all in one product with ALTO.

Backup and Restore

In today's world, users lose files by either deleting them, overwriting them, a virus hits, or hardware fails. With ALTO, simply schedule regular backups for a device. If you need to recover files, a few clicks will allow you to restore specific files you are looking for in the current running device. No more guessing, booting images or digging through command lines. With ALTO, restoring files is fast and easy.

For more information, contact Ken Reeves. (562) 673-5808

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