

Carbonite Endpoint Backup in Action



See how Carbonite Endpoint Backup prevents a data breach when an employee accidentally leaves his laptop in a taxi

Ryan is an account manager at a mid-sized technology company. He is based out of the corporate head office in Philadelphia but travels all over the eastern US to visit customers. Six months ago, Ryan's company invested in an endpoint protection solution from Carbonite. Ryan's IT manager leveraged Active Directory to push the Carbonite Endpoint Backup client out to his laptop.

Getting protected

Once the client was activated, it immediately started using File-and-Folder Based Encryption to protect his content. Next, it performed global deduplication against all the files already uploaded to the Carbonite Endpoint Backup Vault.

This means, for example, that if the marketing department sent a sales presentation out to all 20 people in the field sales organization, only one copy would be uploaded to the Carbonite Endpoint Backup Vault. Clearly, this saves the company on bandwidth and storage. Finally, Carbonite Endpoint Backup sent all of his unique encrypted content up to the Carbonite Endpoint Backup Vault which is hosted on Microsoft Azure.

Last week, Ryan and a few of his colleagues had a sales appointment in New York City and took the train from Philadelphia to the city. They hailed a taxi at the station and headed over to Wall Street for their meeting.

Oops!

They were running late, so when they got to their destination they paid the driver and hurried into the building. It was only once they were in the lobby waiting for their client that Ryan realized that he had left his laptop in the taxi. He also realized that he was the only one who had a copy of the PowerPoint file they were planning to present to their customer.

Avoiding disaster

Ryan grabbed his cell phone and called Joanne who administers the Carbonite solution for his company and told her what had happened. Joanne did a couple of things to help. First, she sent Ryan a web link via email which he was able to access on his coworker's laptop. This link allowed him to access and download the PowerPoint file he needed for his meeting. This meant that he could use his coworker's laptop to do the presentation.

Next, Joanne used Remote Data Delete to wipe all the encrypted data from Ryan's laptop. This means that if his laptop gets into the wrong hands and connects to the Internet, all of the files protected by Carbonite Endpoint Backup would be deleted.

The following Carbonite Endpoint Backup capabilities were used to ensure that Ryan's data did not fall into the wrong hands when he accidentally left his laptop in a taxi.

- Public, private, or on-prem deployment options
- 1-minute backup frequency
- Unlimited retention versions
- Unlimited retention period
- Global Deduplication
- Local Cache
- Replicate to 2nd datacenter
- RoamSmart
- At Rest Encryption
- Remote data delete
- Poison Pill for data delete
- Port Access Control
- Administrative Restore
- Data cache for 10x time to protection for remote offices
- Data cache for rapid restores at remote offices
- Centrally managed data caches for bandwidth conservation at remote offices

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Even if Ryan's computer does not connect to the Internet, At Rest Encryption prevents hackers from accessing his files even if they are able to override a login password or perform a cold boot attack. Because Ryan's laptop contains highly sensitive sales data, his Carbonite Endpoint Backup client was configured to enable follow-along encryption for data in motion.

Fast recovery

Even though Ryan called the taxi company, he was not able to recover his laptop. Later that day, Joanne located a new laptop for Ryan from the inventory she had on hand and installed the Carbonite Endpoint Backup client. Then she used Admin Restore to restore all of Ryan's data to his new laptop from the central Carbonite Endpoint Backup Vault at LAN speed.

When Ryan got back to the office later that day, he was thrilled to find a brand new full restored laptop waiting for him on his desk. He was able to start working immediately.

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