\Orchestrating a brighter world

NEC

Backup as a Service (BaaS)

At a Glance

- Built and optimized on NEC's own servers and storage
- Proven backup infrastructure using industry leading software
- Comprehensive managed backup service with 24/7 monitoring
- Highly regulated & compliant Iron Mountain Data Centers

Overview

A company's most important asset is its data. Whether that data includes patent filings or architectural blueprints; from radiological, dental and medical files to customer account details. Financial Services (Banking/Insurance and or accounting information) to the Private Sector. These are just small examples of key data that, without a doubt, would be considered crucial to running and maintaining a business.

What happens if you can't reach that data? If someone hacks in to your network or datacenter and holds that data as Ransomware. If, due to human error, one single key stroke wipes out your entire database? Is your company safe if a natural disaster occurs and your data is under 10 feet of water, or if the server has been destroyed in an earthquake or fire? How do you keep your business running?

Solution

Risk Mitigation and Reliability

NEC's Backup as a Service (BaaS) solution aids in mitigating the risks of these problems with a reliable and highly-secure service held offsite at one of two Iron Mountain's Datacenters; the National Underground in Western Pennsylvania and/or the Northern Virginia Datacenter in Manassas, Virginia.

Available as a private or hybrid cloud service, NEC's fully managed BaaS solution is a powerful, cost-effective, and reliable managed backup and recovery solution to deliver 7x24x365 enterprise data protection. We offer a fully staffed Network Operations Center (NOC) that manages and supports the entire backup solution along with daily or monthly reports on status and performance.

Utilizing Advanced Encryption Standard (AES) 128-bit encryption for either virtual servers, physical file servers or database applications, your data is safe moving between your organization's environment and NEC's BaaS solution at Iron Mountain.

As a global leader in manufacturing and delivery of Enterprise Datacenter IT solutions, NEC incorporates its own products for its BaaS and Infrastructure as a Service (IaaS,) service offerings, thus reducing overhead expenses with having to purchase and maintain third party agreements. This provides for higher reliability knowing that NEC is fully responsible for the entire life cycle of the hardware solutions backing its own Cloud services, from development through support.

Building Relationships

NEC works closely with its clients to develop a strong backup strategy ensuring that any potential data loss during a disaster is minimized or has no impact at all. Together with our business partners, we will assess the client's current environment to help make informed decisions and plans for Recovery Point Objectives (RPO) and Recovery Time Objectives (RTO), as well as long and short term retention and archival periods.

Through this process, we help gain a better understanding of our customers and build on that relationship.

Flexibility and Scalability

With the flexibility to backup between datacenters with an on premise solution or straight to the cloud, virtual or physical environments, NEC delivers backup strategies to meet the needs from small and medium businesses to global enterprise-class datacenters.

Whatever your needs may be, NEC BaaS has a solution for you.

Deployment Models

Client Model 1:

Application and snapshot backups use encryption and deduplication to transfer data directly to NEC.

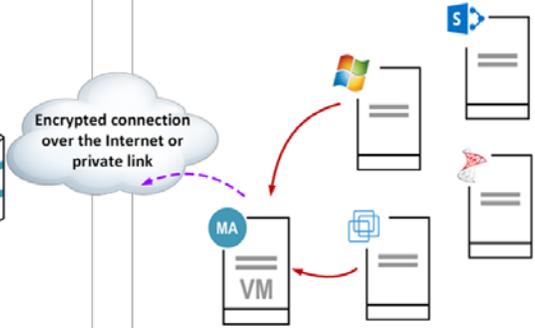Encrypted connection over the Internet or private link
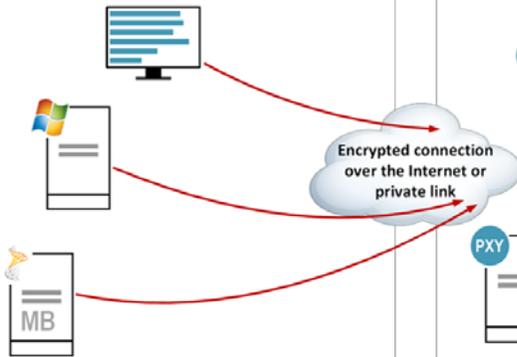
NEC/Iron Mountain

Dedicated BaaS infrastructure is built using best practices on NEC Infrastructure for redundancy and security. Data is encrypted and housed in one of the world's most secure datacenters.

Encrypted connection over the Internet or private link
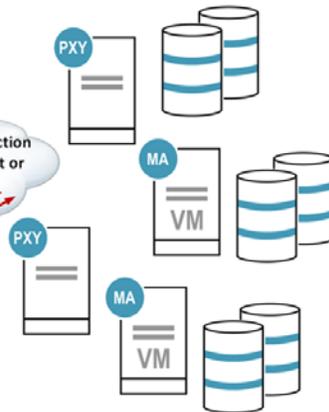
Client Model 2:

An NEC BaaS appliance is built and deployed in the client datacenter. Application and snapshot backups are stored locally on the appliance and then run through a deduplication process to compress the data before it is securely transmitted to NEC.

IRON MOUNTAIN®

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