

Safeguarding Data Against Disaster



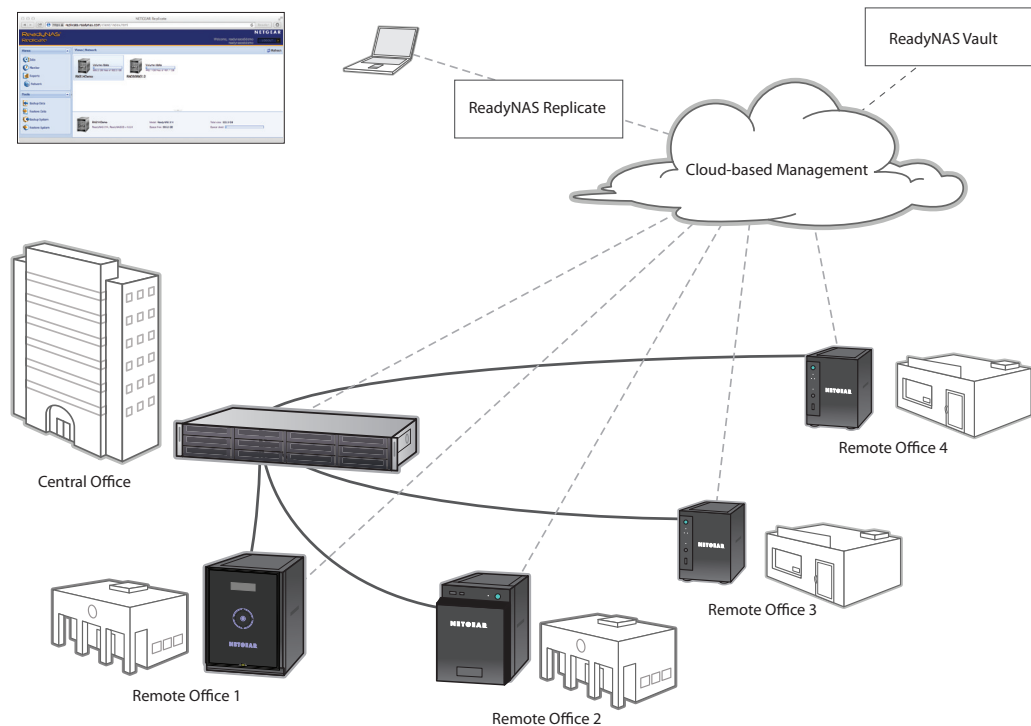
In the modern business environment, there are few assets more valuable than information. And with IT as the backbone of most business functions, information quickly becomes data to be stored, accessed and analyzed. As such, the true value of business data lies in its constant availability, no matter what external forces may be at play.

There is no concept more important to the preservation of data availability than redundancy. Any time there exists only one copy of any data set, that data is at high risk of being lost. The most obvious solution is data backup and businesses of any size must have a backup strategy if they want to remain competitive in the current marketplace.

Once a backup strategy is firmly in place, the next logical step is to safeguard vital data against disaster, or potential loss of both primary and backup data. Most likely, a loss of this magnitude would come at the hands of a natural or man-made disaster. Here we are talking about catastrophic events that could potentially destroy or disable entire offices or data centers. Fire, floods or even acts of terrorism fall into this category.

In the data realm, these types of events can be prepared for by designing a plan for maintaining data redundancy across multiple locations. The most common data management tool for maintaining this type of redundancy is replication. An easy-to-use, robust and trusted replication technology must be at the core of disaster preparedness or disaster recovery plans for any business.

In addition to protecting against catastrophic data loss, replication can also be used to strategically share or consolidate data sets between remote or branch office environments. Whether a business wants to mirror information between two data high-powered data centers or a school district is looking to consolidate individual school data to a central office, replication technology is the key.



ReadyNAS Replicate

ReadyNAS Replicate is a cloud-managed solution that offers simple data protection to minimize downtime and avoid disasters by backing up and recovering data files in minutes.

ReadyNAS Replicate can be enabled on a ReadyNAS device and allows data from one ReadyNAS device to be backed up and restored to and from another ReadyNAS device.

Using the ReadyNAS Replicate web portal to create, manage, and monitor backup and restore tasks that operate across ReadyNAS devices from multiple locations is simple for everyone.

Data is transmitted directly from ReadyNAS to ReadyNAS utilizing NETGEAR's patented peer-to-peer VPN (Virtual Private Network) technology. All data is encrypted using AES-256 bit encryption to protect data in transit.

Key Features

- Disaster Recovery: Cloud-managed replication for maintaining multiple sets of data and performing easy restores in case of disaster
- Easiest file-level disaster recovery solution. No IP addresses to know. No router or firewall configuration. No ports to forward. No 3rd party VPN setup needed.
- Great solution for unstructured data such as Word, Excel, Powerpoint, etc.
- Flexible: Backup 1:1, many:1, or 1:many
- Cloud management for centralized management & monitoring
- Simple restore

Technical Specifications

Data Protection

- File based replication
- AES-256 Encrypted data transfer
- Compression
- Backup to any ReadyNAS – not just the original source
- Restore from any available data point
- Restore single file
- SSL device authentication

Management

- Cloud based management
- Scheduling
- Email alerts
- Consolidated reports
- Enable/Disable jobs
- Real time reports and progress monitoring
- Supported Web Browsers (Microsoft Internet Explorer 9+, Mozilla Firefox 14+, Google Chrome 20+, Apple Safari 5+)

ReadyNAS Replicate portal

- replicate.readynas.com

Supported Devices

- ReadyNAS OS 6 devices (license included, no additional purchase required)
- Legacy ReadyNAS devices which support 4.2.x (additional Replicate license required)
 - RNOORPL1-10000S ReadyNAS Desktop license
 - RNOORPL2-10000S ReadyNAS Rackmount
 - Purchase license from NETGEAR authorized resellers
 - License is a one time purchase, perpetual license

Technical Support

- Best-in-class support provided for ReadyNAS
- Phone, email, & chat support based on ReadyNAS device (support.netgear.com)
- Optional ProSUPPORT service packs available (prosupport.netgear.com)