PoINT Storage Manager
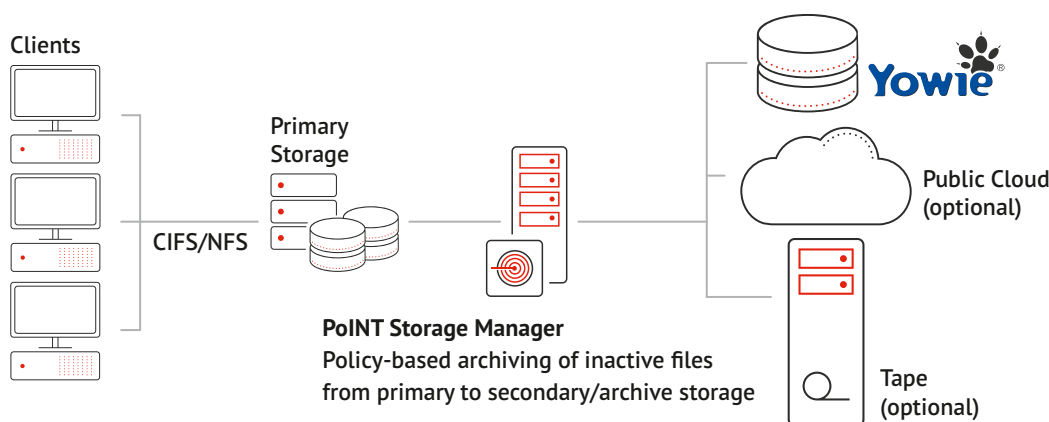## Tiering and Archiving with Yowie® Storage Appliances

Conventional storage solutions are designed to meet the requirements of large companies. But small and midsize companies also need professional storage solutions based on industry standards to meet storage challenges. These include an archiving strategy and backup plans because data will continue to grow which is making intelligent storage management indispensable. However, many storage products are not suitable for smaller companies because these businesses cannot meet the required minimum storage. Therefore, the challenge is to provide a cost-effective solution for smaller data volumes that is also meeting highest standards for data security and scalability.

POINT STORAGE MANAGER AND YOWIE STORAGE APPLIANCES FROM RNT RAUSCH

Yowie storage appliances with pre-installed Cloudian HyperStore software are designed to meet the requirements of small and medium-sized businesses. The plug and play solutions are fully S3 compatible and offer the best values in terms of performance and availability – with capacities starting from 32 TB. Yowie storage appliances are scalable, so they can be flexibly adapted to changing needs.

In combination with PoINT Storage Manager, a professional solution for storage management is available, which meets the requirements for infrastructure optimization, archiving and compliance.

PoINT Storage Manager provides rule-based archiving of unstructured data to Yowie storage appliances. Archiving addresses unstructured data and is performed file-based. Archiving rules are defined according to the individual requirements of the company (e.g., by file type, age, etc.). Access to the archived data continues to be transparent and direct via the file system. On the Yowie storage appliances PoINT Storage Manager protects the archived data against changes and premature deletion by means of retention management and WORM protection. Thus, the requirements of legally compliant archiving are met. Yowie storage appliances also use 3+2 Erasure Coding to increase data protection.

PoINT Storage Manager and Yowie appliances with pre-installed Cloudian HyperStore software including Object Lock are seamlessly integrated into the existing storage infrastructure as archive storage. In such a storage architecture with Information Lifecycle Management, primary storage systems are regularly relieved of inactive data. Backup volumes and backup times are reduced while cold data is securely archived.

Features

- Automated and rule-based data tiering and archiving
- Legally compliant archiving with WORM protection and retention management
- Data protection through 3+2 Erasure Coding and Object Lock
- Fast and transparent access to all data

Benefits

- Efficient use of primary storage and NAS
- Cost and time savings through reduced backup volume
- High flexibility and scalability
- Small footprint due to "5 nodes in 3U" design
- Sustainability through low energy consumption for operation and cooling

PoINT Storage Manager

PoINT Storage Manager is the solution for automated file archiving based on individually created policies. Within the scope of file archiving and file tiering, files are managed efficiently. PoINT Storage Manager integrates "on premises" storage as well as "off premises" storage as target storage independent of hardware and manufacturer. Thus, storage capacities are utilized with highest efficiency.
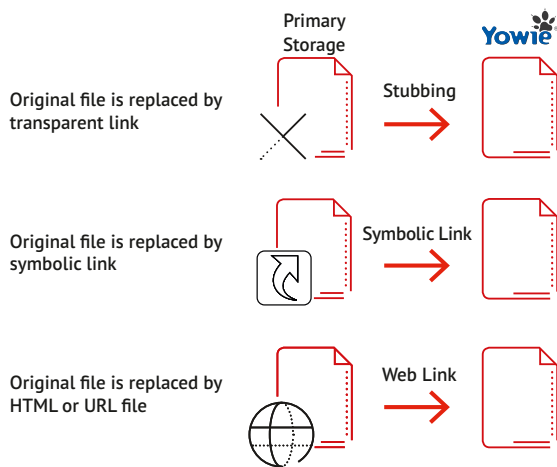
Yowie storage appliances are coming with the full Cloudian Hyperstore software suite pre-installed. Combining Yowie with PoINT Storage Manager enables various tiering and archiving methods, like stubbing and linking files. It also supports Web Links which are independent of the source and operating systems.

Yowie Storage Appliances

It's not only about storage, it's about data management. Yowie storage appliances let you start small and scale out by just adding more appliances to your cluster non disruptively. It's also no longer about on-prem vs. Cloud rather than on-prem and Cloud with Yowie's native S3 support. Ranging from only 32TB up to 142TB usable capacity Yowie® 53H-series are equipped with 3 enterprise HDDs per each node and are the right fit for cost sensitive customers with volume backup and archival needs.

About RNT

RNT Rausch is a Germany based technology pioneer with 20+ years of experience in the high-tech server and storage industry. The company rethinks future-proof server and storage solution designs that go hybrid and tackle business challenges to make SMBs, enterprises, data centres and service providers around the world fit for tomorrow's technical revolution. RNT offers tailor-made products and services that help customers enhance security, flexibility, scalability and sustainability.
More than 30 employees are delivering targeted solutions with ultimate precision and manufactured to the highest quality. The company is headquartered in Ettlingen, Germany and has offices in Sweden and the UK.
RNT Rausch. Making IT possible.

Primary Storage → Yowie

Original file is replaced by transparent link — Stubbing

Original file is replaced by symbolic link — Symbolic Link

Original file is replaced by HTML or URL file — Web Link

About PoINT

PoINT Software & Systems GmbH is specialized in the development and distribution of software products for storage, management and archiving of data. Our data & storage management solutions offer an easy and efficient integration of different storage technologies and systems in consideration of enterprise requirements. PoINT products allow optimized usage of storage systems and help to reduce costs and issues caused by data growth. The software solutions fulfil compliance and archiving requirements and provide independence from storage technologies and vendors.

Technical Information for PoINT Storage Manager

Source Systems

- NAS (CIFS / NFS)
- Dell EMC (VNX / Unity / Isilon)
- NetApp (FAS Series)
- Windows Server
- UNIX / Linux Server (NFS)

System Requirements

Windows Server 2016, 2019 (VMware supported)