

N4BACKUP FOR N4CLOUD

POWERFUL VIRTUAL MACHINE BACKUP WITH SELF-SERVICE RECOVERY

N4Cloud is our enterprise grade cloud hosting platform. It utilises the industry leading Veeam software for backup and recovery of virtual machines and application data.

Each virtual machine provisioned on N4Cloud is stored on a storage datastore. Any virtual machines on datastores that "include backup" are automatically included in daily backups. Many Customers choose to place all of their virtual machines on these datastores so that all of their IT estate is protected.

Customers are able to access a web-based portal to recover individual virtual machines or files and folders. Optionally, when purchased together with our Managed Services, we are able to perform object level recovery such as recovering individual e-mails without the need for the restore of large virtual machines.

The solution is based on an OPEX pricing model according to the number of virtual machines you are protecting and the amount of storage the virtual machines use, making it easy to forecast your IT budget.

No backup agents are required even for object level recovery of virtual machine data making backup easier. Servers, storage and the backup platform are connected via 10GigE networking, making backups quicker. The backup process is optimised through integration with NetApp storage, which allows for backups to be taken from storage snapshots, which reduces the load that backup places on production servers.

Our backup platform is designed for continuous service availability with 24x7x365 support from our expert engineers.

KEY BENEFITS

SAVE TIME AND MONEY

Integrated backup allows you to focus on your applications rather than infrastructure tasks. Backups are de-duplicated and compressed and stored on cost-effective storage.

FAST AND SIMPLE

No complex configuration or agents – any virtual machines stored on certain datastores will automatically be included in backups, giving you peace of mind that they are protected.

SELF-SERVICE RECOVERY

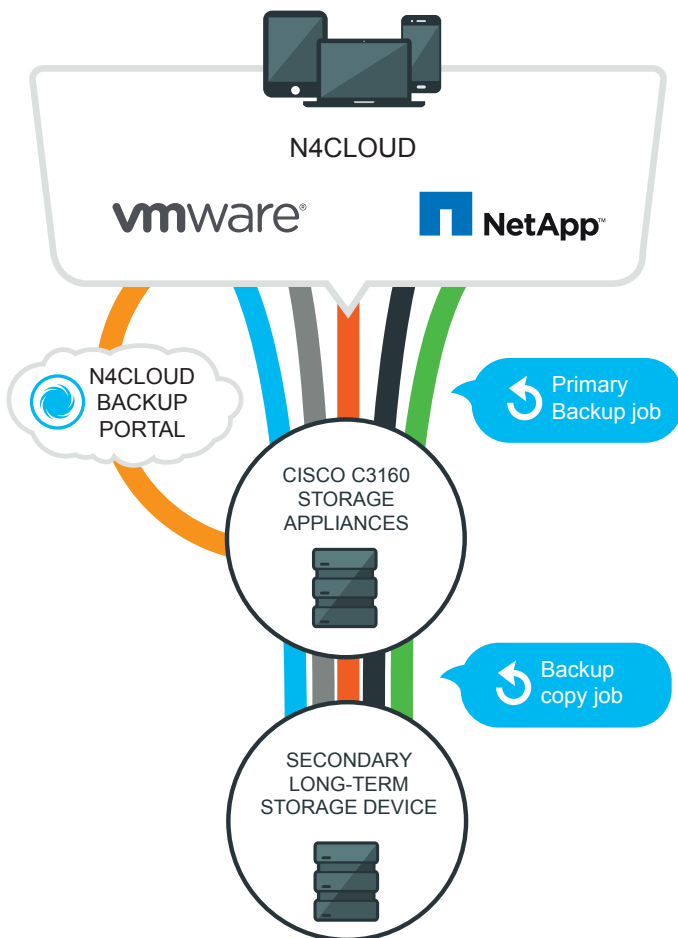
Customers benefit from access to a web portal that allows self-service recovery of virtual machines and files.

NETAPP INTEGRATION

Integration of Veeam with our NetApp storage allows backup from storage snapshots – up to 20 times faster, and reducing load on production infrastructure.

OBJECTIVE LEVEL RECOVERY FOR APPLICATIONS

Individual objects (e-mail messages, database tables etc.) can be restored when using our Managed Services without the need to restore the whole server including objects in Active Directory, SQL Server and Microsoft Exchange



Book a demo today with one of our friendly cloud experts.

For more information on N4Backup or other products and services we offer please call our team today: 0845 123 2222 or email us: info@node4.co.uk



RICH IN FUNCTIONALITY



Pre-built backup platform

Avoid the need to design, deploy and configure a platform to backup and protect your virtual machines.

Self-Service Backup Recovery Portal

Web-based portal available 24*7 allowing you to restore your virtual machines and/or individual files.

Application Integration

Veeam can protect business critical applications without the need for extra agents including Microsoft Exchange and Microsoft SQL Server. Optional object level recovery is available via our Managed Services.

Offsite Copy

Primary backups are stored in the same Data Centre as the source data, allowing for maximum recovery performance. A secondary copy is stored at another of our Data Centres. Writing the secondary copy does not cause an impact on production infrastructure.

Reporting

Daily reports are available on request showing the status of backups of your virtual machines.

SECURITY OF YOUR DATA



Enterprise grade firewalling

Our backup platform is protected by enterprise grade, high throughput firewall technology, meaning your data is safe.

Secure Data Centres

Our service is delivered from our state of the art UK Data Centres which operates the highest level of physical security. Perimeter security fencing, PIR sensors, strict access policies, zonal swipe card systems, 24/7 manning of all sites and extensive CCTV coverage all ensure that the platform is protected from intrusion at all times.

Encrypted backups

Veeam backups are encrypted on our storage, and could not be opened on any other Veeam instance without secure keys.

Secure Storage

Our storage platform uses high-availability technology for additional security.

COST EFFECTIVE



Benefit from our investment

Node4 has invested in cutting edge Cisco technology to help reduce the cost of storage to hold your backups. Pay just for the storage you need, rather than investing in dedicated storage or re-using low performance legacy equipment.

OPEX based pricing

The cost of the service is provided on an OPEX basis, avoiding the significant CAPEX spend of traditional backup platform licensing. Scale the number of virtual machines up and down as your requirements change.

Economies of scale

The secure multi-tenant platform allows for the lowest possible operating cost for both infrastructure and management - at a fraction of the cost of a dedicated backup platform.

EFFICIENT BACKUP AND RECOVERY



Agentless Backup

Veeam talks directly to the hypervisor and does not require agents to be installed into the operating system of your virtual machines.

NetApp Integration

Veeam reads from NetApp storage snapshots, reducing impact on production infrastructure. VMware snapshots are needed only for minutes, reducing the performance impact of backup.

Only backup changed data

Veeam uses VMware Change Block Tracking (CBT), meaning that only blocks that have changed since the last backup need to be read and stored in the backup.

Veeam Explorers

Veeam allows for the recovery of individual objects in application data such as Microsoft Exchange without the need to restore the entire virtual machine, saving space and time.

Instant recovery

In the event that a virtual machine, it can be recovered almost instantly as Veeam can present the virtual machine from the backup storage to the hypervisor so it can be restarted whilst it is copied back to production storage.

10GigE networking

Both the backup platform and N4Cloud use cutting edge 10GigE networking technology, providing extensive bandwidth to perform backups fast and reliably. This results in reduced impact on the production infrastructure as snapshots as data can be processed faster during the backup window.

Data De-duplication and Compression

Veeam automatically performs de-duplication and compression within each backup job, saving the amount of disk space needed, keeping costs down and making recovery faster.

EASY TO CONSUME



Easy to work out how much you need

Simply store your virtual machines on "with backup" datastores and backups will be setup automatically with 30 day retention. There is no need to work out the amount of disk space needed.

Prevent server sprawl

Virtual machines that are deleted will automatically be removed from backups after the retention period, preventing sprawl in the amount of storage needed to hold old virtual machines.

PEACE OF MIND



Veeam Partner

Node4 has a strong partnership with Veeam and is recognised as a Veeam Gold Partner.

Expert Engineers

The service is provided with 24x7x365 support from our expert engineers, who keep the platform healthy and operational.

NetApp Service Provider

Node4 is a long-standing partner of NetApp and is recognised as a NetApp Cloud Service Provider and a NetApp Flexpod Premium Partner, with NetApp Professional Services Certification and NetApp Support Services Certification.