NODE4

DISASTER RECOVERY
FOR VIRTUAL MACHINES

Node4 uses the award-winning Zerto technology to provide disaster recovery protection for your virtual machines. Protection can be between N4Cloud Data Centres or from your premises to N4Cloud. In both cases, a standby copy of your virtual machine is ready to start in the event the worst happens.

Hypervisor level replication keeps your applications safe and is less complicated than application-level alternatives. The service is storage agnostic removing the need to buy or maintain specific hardware to protect your applications.

Continuous replication using a 5 day journal delivers a potential Recovery Point Objective (RPO) of seconds and Recovery Time Object (RTO) of minutes. This enterprise grade protection provides peace of mind that your applications are protected, leaving you free to run your business.

By leveraging our enterprise class N4Cloud infrastructure and Zerto's industry leading software we can offer this extremely powerful DR solution at a fraction of the price of hardware based solutions performing at a similar level.

KEY BENEFITS

COST EFFECTIVE

OPEX pricing offers a cost effective alternative to hardware based solutions with similar capabilities.

STORAGE AGNOSTIC

Replicate virtual machines from your premises to N4Cloud, regardless of the brand of storage you have deployed and avoid the need to invest in new hardware.

PERFORMANCE

Continuously replication runs without using disk snapshots, ensuring you have the most recent version of your data without negative impact on your production environment.
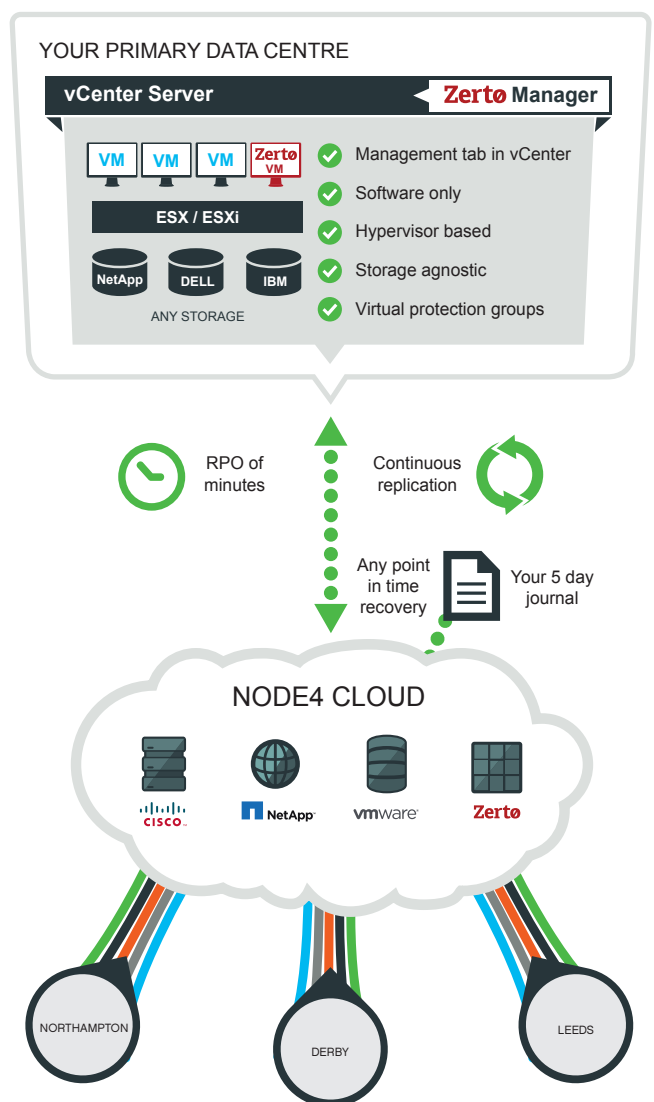
SCALABILITY

Protect as many or as few VMs as you like and only pay for what you use.

SECURITY

Your workloads will be on standby in our highly secure ISO 27001 security certified Data Centres and protected by rigorous network firewalling to ensure your data is safe from intrusion.

Our OPEX pricing model means you only pay for what you need with no upfront hardware costs and no need for overprovisioning. We charge a standby rate when you are not in failover mode, so you only pay full price when you are utilising the service.

Build an enterprise-grade disaster recovery solution using a combination of our N4Cloud and Connect services.

YOUR PRIMARY DATA CENTRE

vCenter Server — Zerto Manager

VM VM VM Zerto VM

ESX / ESXi

NetApp DELL IBM

ANY STORAGE

- Management tab in vCenter
- Software only
- Hypervisor based
- Storage agnostic
- Virtual protection groups

RPO of minutes

Continuous replication

Any point in time recovery

Your 5 day journal

NODE4 CLOUD

CISCO NetApp vmware Zerto

NORTHAMPTON DERBY LEEDS

For more information, please call our team today: 0845 123 2222 or email us: info@node4.co.uk

ENTERPRISE CLASS PROTECTION

Enterprise class N4Cloud
Your workloads will be replicated onto N4Cloud which is deployed utilising Cisco UCS, VMware and NetApp storage and optimised for continuous service availability.

Continuous replication
Avoiding data snapshots reduces any impact on the performance of your production environment from the snapshot process.

Best endeavours replication
Resource utilisation is optimised to continuously replicate virtual machines without impacting your applications.

Journal-based recovery
A 5 day journal means that you can recover your data from multiple points in time covering the last 5 days.

Multisite replication
Replication, protection and migration is supported across multiple locations to enable you to protect the data at your remote sites.

RPO of minutes
The most recent point in time which your data can be recovered to is typically seconds ago.

VMWARE INTEGRATION

Integrated with VMware
Easy centralised management of your recovery plan and non-disruptive testing.

Management through vCenter
An additional tab in vCenter on your premises makes it easy to see your replication process, manage virtual machines and select them for replication with just one click.

Advanced VMware feature sets
Continue to fully realize the benefits of VMware with support for VMotion, Storage VMotion, DRS and HA.

24/7/365 TECHNICAL SUPPORT

Gold support
Gold Support provides access to our technical support 24/7/365.

Expert engineers
Our UK based team of dedicated Cloud engineers are highly qualified and industry certified with years of experience delivering virtualisation, infrastructure, storage and network solutions.

Failover support
If you have lost access to vCentre or require a fully managed service you can activate your Disaster Recovery plan by contacting Node4 by phone, email or online at any time of the day or night.

COST EFFECTIVE AND SCALABLE

Standby rates
When you are not utilising your DR workloads you only pay a percentage cost of the full production resource.

Replicate what you need
You decide what you want to replicate so you avoid unnecessary charges.

OPEX pricing
Only pay for what you use with no upfront hardware costs and no overprovisioning.

Virtual protection groups
Group your virtual machines and disks into groups that can be protected and recovered together to protect entire applications or business processes.

FAST AND EASY

Storage agnostic
Whatever storage you use we can replicate your virtual machines onto N4Cloud with no need for you to replace any hardware.

Single remote install
Get started with a single software install, even for multisite deployments, minimising the impact on your business.

Pre-configured replication
Our UK based team of dedicated engineers are highly qualified and industry certified with vast experience in delivering complex network solutions and providing comprehensive and reliable customer support.

Recovery reports
Documentation to prove execution of Disaster Recovery / Business Continuity processes and ensure you keep an audit trail.

Software only solution
With only software to install, you can protect your applications without having to change your infrastructure.

Fast recovery
Recover applications quickly, to meet targets laid out in Disaster Recovery / Business Continuity policies.

TESTING

Sandbox testing
Evaluate how the system responds to infinite scenarios without impacting your business critical systems.

Test before commit feature
Confirm that you have selected the correct restore point before proceeding and making any changes.