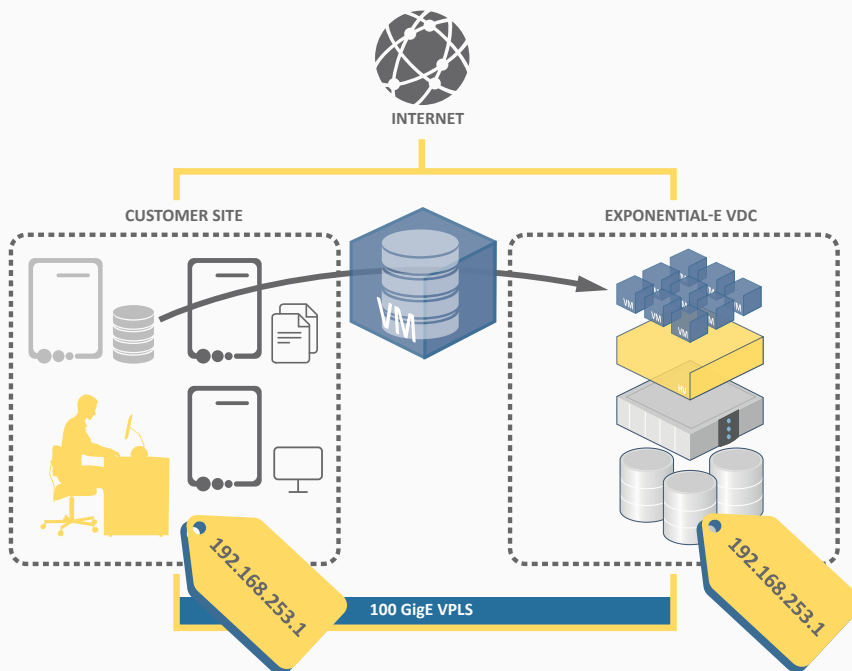# Server Replication

POWERED BY Zerto

Super-hybrid Environment

Server Replication is an essential service for businesses that enables you to deploy effective disaster recovery and business continuity plans, ensuring a rapid recovery for critical servers.

This service replicates the data from your production servers into our Virtual Data Centre (VDC). In the event of a failure with your production server, the stored data is loaded onto a virtual server in the VDC. This then replaces the failed server and services are able to continue as normal.

Our Server Replication service meets the needs of IT professionals to provide a flexible and resilient solution, supported by 24 / 7 x 365 customer support from our UK based service desk. It delivers affordable application and data protection, as well as enabling rapid recovery from a server system outage.

By using the latest replication technologies, we are able to offer an 'any point in time' recovery without the need for continuous snapshots. The standard service offers up to 4 hours of recovery points but customers can also benefit from the ability to failback to a point in time beyond this with 7, 14 and 28 day journaling options.

Our fully resilient virtual server and storage are accessible via an online portal and delivered from our VDC.

Business Continuity is designed on an individual customer basis, allowing us to provide a flexible service that offers you the specific level of resiliency required for your business.
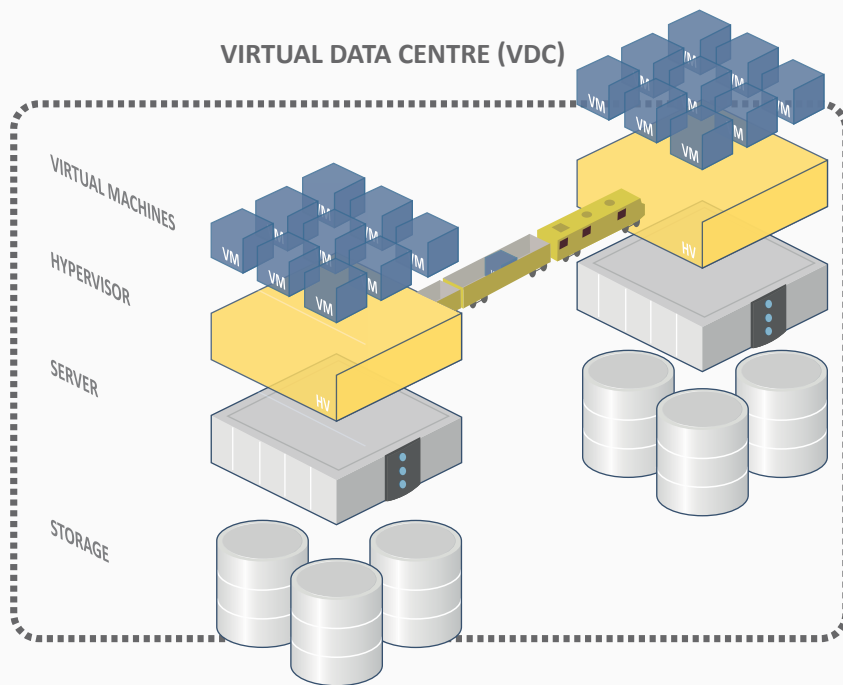
As our solutions are offered privately - as an extension of your current network, the solution can range from Customer infrastructure to VDC (replication from your current on premise virtual server estate into our VDC), VDC to VDC, or One-to-Many (allowing a VM to simultaneously replicate to multiple target locations).

We work closely with your business to ensure that we provide the right solution for you. Each application is considered individually and also included in a detailed failover plan.

Our Server Replication service is offered as a managed service, with failover initiated by contacting our service desk. Billed on a cost-efficient model, this means that we only charge you for the resources that you are consuming.

Only in the event of a disaster will we bill for compute resources in our VDC. This ensures that you have the protection required for your businesses, without incurring additional charges for resources that are not in use.

VIRTUAL DATA CENTRE (VDC)

VIRTUAL MACHINES

HYPERVISOR

SERVER

STORAGE

Alongside our Server Replication service we also assist your business with a yearly disaster recovery test. Due to the way in which we protect your production workloads, we are able to provide this test without any disruption to your protected server workloads.

Server Replication is also possible from virtual server to virtual server.

SERVER REPLICATION FEATURES

- **Real-time data replication at the byte-level:** spreads out the impact of data protection over time, rather than during backup windows.

- **Hardware and application agnostic:** service can be used for both physical and virtualised servers irrespective of manufacturer and supports any application running under a supported Operating System.

- **Server Replication service protects:** Exchange®, SQL Server®, Oracle®, Sharepoint® and many more applications.

- **Open file mirroring and replication:** open files are replicated without the need for them being off-line and no disruption for end users.

- Online portal access to view replication RPO and backup.

- Protection for both physical and virtualised servers.

SERVER REPLICATION BENEFITS

- Improved Business Continuity and Disaster Recovery with protection of mission-critical systems and applications.

- Extend your Network as service becomes part of your Network.

- Cost-effective with no need for additional hardware or a second server for replication.

- Tailored to meet your Recovery Time Objectives with High Availability and On Demand options.

- Optimise the advantages of virtualisation by replicating a virtual machine from one virtualisation host to another, in real-time.

- Minimise disaster impact with real-time recovery.

- Only pay for resources when you invoke and fail-over to your replicated server.

ABOUT EXPONENTIAL-E

Innovation is at the core of Exponential-e, and has been since our inception in 2002. We wholly own our super-fast Network, and our fusion of complementary technologies - a carrier-class Network and Cloud infrastructure - means we can deliver enterprise applications at wire speed for a superior end-user experience. We deliver scalable, dynamic and bespoke solutions. Renowned for our responsiveness, coupled with our customer centric approach, and a UK based 24 / 7 x 365 service desk, means we offer unrivalled expertise.

To find out more about Exponential-e visit
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Visit the website
www.exponential-e.com

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