Compliant Data Protection Solution with Veeam Backup and Replication using RDX® QuikStation™

Solving backup challenges and overcoming unnecessary complexity and cost.

Overland-Tandberg and Veeam provide best in class hardware and software to best in class data protection solution for SMB virtual environments.

Small and medium businesses are utilising virtualisation software to reduce costs and improve the performance and efficiency of IT systems. Unfortunately, within a virtualised environment the risk of data loss is increased, due to increased utilisation of storage devices. In addition, many businesses simply perform disk-to-disk backups and have no off-site data protection, leaving the business vulnerable to data loss from fire, flood, virus attack or data theft. It this therefore imperative that businesses install robust data protection solutions to fully protect virtualised environments.

The RDX QuikStation removable disk appliance allows virtualised environments to be easily backed up and data transported off-site for complete data protection. When combined with Veeam Backup and Replication software, businesses can easily manage backup and restore tasks, whilst minimising the risk of data loss and downtime.

Overland-Tandberg RDX QuikStation

RDX QuikStation provides a fully automated and scalable data protection solution for both virtualised and physical server environments. The RDX QuikStation is offered with 4-bay and 8-bay configurations and easily connects to virtual environments using an iSCSI interface. RDX QuikStation provides high performance, reliable and cost-efficient data protection and can be easily configured to meet the needs of the customer.

RDX media combines the portability and reliability of tape with the speed and simplicity of a hard disk drive. RDX QuikStations provide high performance up to 3.6TB/hr. and storage capacities up to 5TB per cartridge. RDX drives and media are rugged and tough, and designed to last more than 10 years and meet business compliance requirements for Backup and Archive.

Veeam Backup & Replication

Veeam Backup & Replication is the industry leading data protection software. Powered by Veeam vPower-Technology, Veeam Backup & Replication offers high performance, scalable and reliable data protection.

Solution Benefits

- Complete data protection solution of your IT backbone
- Simplicity: easy to install and use
- Performance: maximising productivity and reducing downtime
- Future proof: easily scales as your data grows
- Value: reducing the cost of storage and management
- Compliance: enable business to meet regulatory requirements

RDX QuikStation Benefits

- Simplifies backup and restore tasks
- Backup and archive consolidation
- Enables business data to be easily stored offsite
- Scalability based on RDX Media capacity
- Removable Disk Storage: rugged, reliable and robust
- Safe data storage with unlimited off-line/site capacity
- Flexible via multiple configurations options and iSCSI connectivity

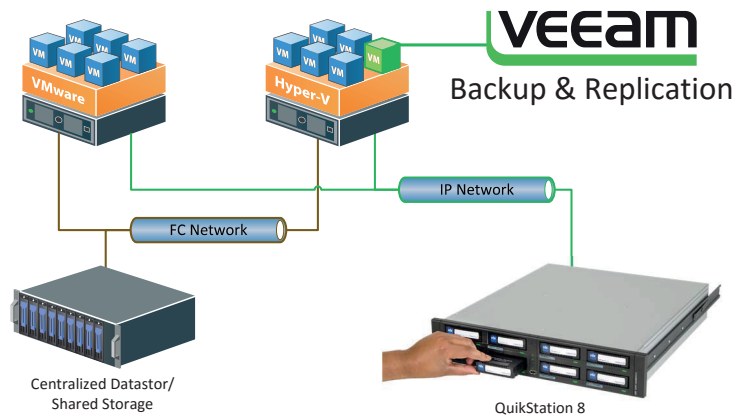# QuikStation for Veeam Backup & Replication

The Veeam Backup & Replication can connect to multiple individual RDX drives to one or multiple hosts via the Microsoft iSCSI initiator. For large backup sets, QuikStation provides logical volume configurations which span multiple RDX drives to one volume which can be removed and rotated similar to single RDX drive.

The RDX integration allows Veeam Backup & Replication to use it as removable disk devices and enables selection of backup data retention policies to specify the number of restore points on a removable disk media that is used with a media rotation scheme to meet off-site / off-line data protection compliance requirements.

One of the major RDX technology benefits is media rotation. It allows you to meet compliance requirements with regards to backup and disaster recovery protection. For Backup best practise we recommend to use at least 3 sets of media where one media set is on-site, one set is stored off-site and the third set is located in transit. Initially, Veeam will perform a full backup on all media sets. After that, it will continue with the configured backup method and data retention policies.

For customers who want to replace their existing LTO tape automation device but would like to continue to use the tape like data management procedures, the RDX QuikStation 8 can also be integrated as a Virtual Tape Library. It offers several Tape Library emulation modes to provide a backup repository for backup copies kept off-site for disaster recovery.
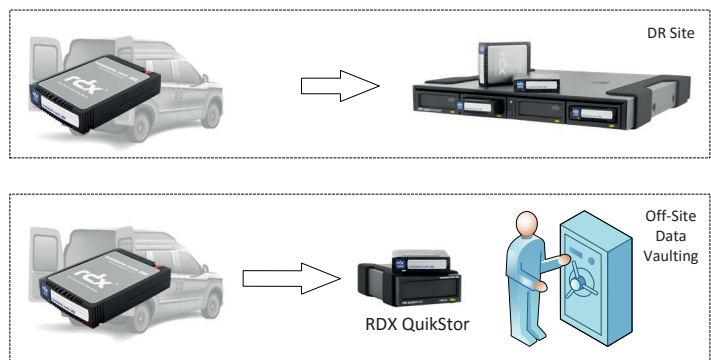
The hybrid mode is a combination of both and enables the RDX QuikStation 8 to operate as individual RDX drives and tape automation backup repository in a single device concurrently.

Additional Resources

For more information on how to integrate RDX QuikStation into Veeam Backup & Replication visit our solution page on the Tandberg Data website and download the integration brief.

For more information on RDX technology and RDX QuikStation, visit our web pages for RDX, RDX QuikStation 4 and RDX QuikStation 8.

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