

Efficient Backup with Veeam Backup & Replication and SnapServer® NAS



Seamless integration of SnapServer with VEEAM Backup & Replication enables efficient backups with disaster recovery capabilities to RDX® removable disk, SnapCLOUD or remote SnapServers.

In virtualisation-powered data protection, disk storage systems are preferred. Overland-Tandberg's SnapServer® NAS solutions offer scalable, secure and reliable storage and is the ideal device for central storage and primary backup targets. In addition, a secondary backup target such as tape or removable disk is highly recommended to achieve full disaster protection.

Overland Storage SnapServer NAS

Built upon the award winning GuardianOS, the SnapServer product family offers enterprise class management and data protection features, from entry level desktop systems to highly scalable rack-mount systems for large enterprises.

The SnapServer family provides features like DynamicRAID which offers seamless storage expansion by adding or replacing hard drives as capacity needs change. In addition, all SnapServer storage volumes can grow or shrink dynamically within the storage pool without IT intervention, preventing costly provisioning errors and unnecessary upgrades.

The Veeam Data Mover service running on SnapServer allows for the processing load to be distributed between the Veeam backup server and SnapServer. This results in faster backup and recovery tasks and simplifies recovery architecture.

Veeam Backup & Replication

Veeam Backup & Replication offers fast and reliable backup and restore of VMware vSphere® and Microsoft® Hyper-V Servers and data. Veeam Backup & Replication consolidates backup and replication into one product and sets the new standard for Backup and Recovery by leveraging the benefits of virtualisation with Veeam vPower-Technology.

SnapServer Benefits

- **Integrated Veeam Data Mover Service**
 - Simplifies disaster recovery architectures
 - Accelerates backup and recovery tasks
- **DynamicRAID and Thin Provisioning**
 - Seamless storage expansion
 - Reduces IT and management cost
 - Limits waste of disk space
- **Unified storage**
 - Cost effective multi-protocol data management
 - Reduces total cost of ownership
- **Advanced security**
 - Seamless integration into existing corporate security infrastructure
 - Reduces user management effort
- **SnapECR™ and SnapEDR™**
 - Built in disaster recovery and replication
 - No downtime, ensures high availability
- **RDX® Integration**
 - Built in automatic data protection solution to removable RDX media
 - Meets off-site compliance requirements

Implementing a comprehensive Disaster Recovery Solution

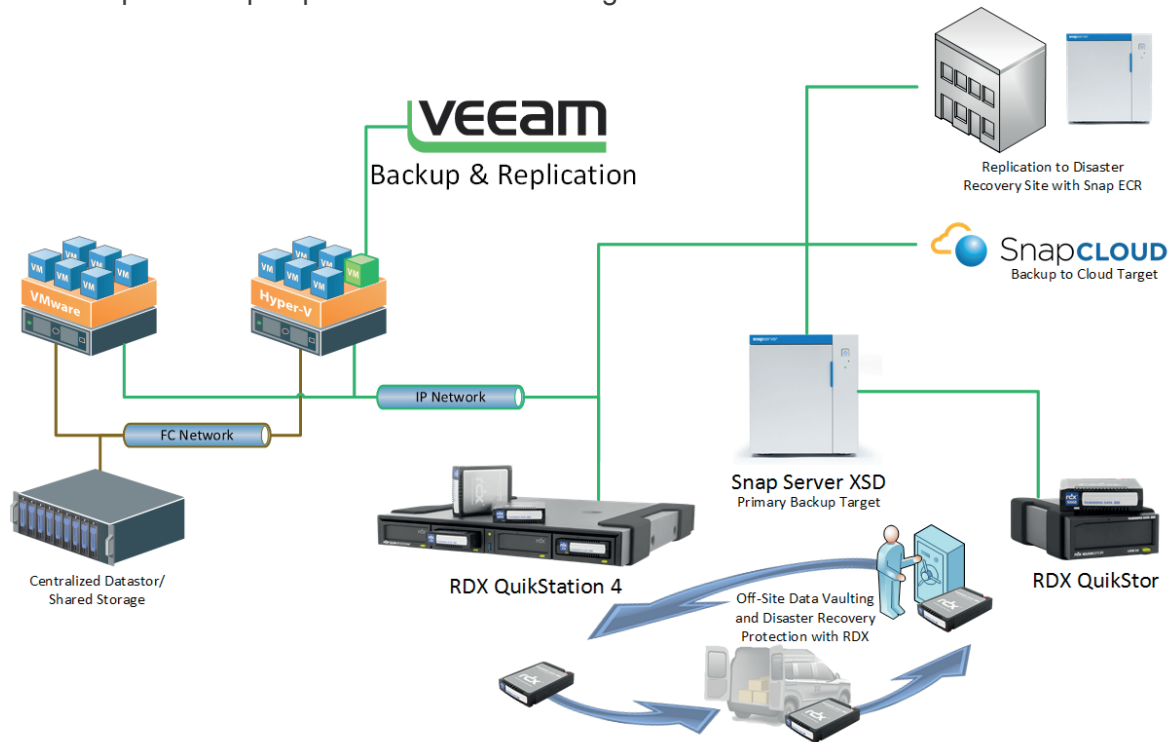
SnapServer provides data protection features like DynamicRAID or replication capabilities, but a backup copy is still necessary to address accidental or inadvertent deletions and system failures. To be fully protected against site failures, at least one backup copy should be stored off-site as the last line of defence.

With SnapServer as the primary backup target, we have a few options for disaster protection. Attaching an RDX QuikStor removable disk system directly to the SnapServer, provides an easy-to-deploy backup solution that meets offsite compliance requirements. In case of a disaster, VMware and Hyper-V host configurations and data can be easily recovered from an RDX media.

For replication to a disaster recovery site, SnapServer offers Snap ECR (Encrypted Continuous Replication) at no additional cost. Snap ECR provides a continuous data replication to 1 or multiple SnapServers at remote locations. As it replicates changed data only, Snap ECR ensures higher performance and bandwidth savings.

For backup to cloud requirements, SnapCLOUD™ can be incorporated into the backup strategy. SnapCLOUD is a virtual NAS appliance built on Microsoft Azure with enterprise grade data management capabilities. It provides the same interface and features like SnapServer which reduces the learning curve and training cost.

SnapServer, SnapCLOUD and RDX can be perfectly merged to create a comprehensive disaster recovery solution based on multiple backup copies and off-site vaulting.



Additional Resources

For more information on how to integrate SnapServer NAS storage systems into Veeam Backup & Replication visit our [solution page](#) on the Tandberg Data website and download the [integration brief](#).