

# Tintri and Veeam

## Streamline Backup, Replication and Storage at the VM level

Tintri VM-aware storage (VAS) is built for virtualized environments and the cloud. Enterprises and cloud service providers power their on-premises and hosted private cloud on Tintri, running a full range of mixed workloads – from VDI to business critical applications, to dev & test environments. You can create hundreds of high performance, zero-space VM clones speeding up VM provisioning for VDI, dev & test workloads. Backup and replication for critical workloads in multi-hypervisor environments such as VMware and Hyper-V is required to be seamless and simple to perform.

Veeam Backup & Replication provides fast, flexible and reliable recovery of virtualized applications and data to support backup and replication of thousands of VMs for both VMware vSphere and Microsoft Hyper-V environments. Veeam supports Direct NFS Access for VMware, and Volume Shadow Copy Service (VSS) with Server Message Block (SMB) 3.0 file shares for Hyper-V hosted on Tintri VMstore.

Together, Tintri and Veeam provide customers with simplified data protection of VMs, VM-level visibility and high performance backup and restore. Jointly, customers can reduce recovery point objectives (RPOs) to <15 minutes and achieve more economical disaster recovery (DR) solutions.

## Benefits of Tintri and Veeam

### Simplicity

- Set-up in less than 30 minutes – connect, configure and deploy.
- Manage and backup VMs and vDisks instead of LUNs and volumes—eliminate complex configuration and ongoing tuning.
- Seamlessly scale and backup virtualized environments from hundreds to thousands of VMs without additional storage provisioning.

### Efficiency

- Protect individual VMs with customizable policies using Tintri VM-level data protection including space efficient snapshots that don't impact performance combined with Veeam Backup & Replication
- Deploy affordable per-VM data protection and disaster recovery with Tintri VM-level replication reducing WAN bandwidth usage by as much as 95 percent with global deduplication and compression.



**“Combining Tintri and Veeam for VMware backups is like a dream come true. Both products have a similar ethos - everything is managed at the level of the VM, which makes this an ideal combination for lightning performance, zero administration, and 100% confidence every time.”**

**Geoff Grice, IT Manager, CMC Coal Marketing Company Ltd**

## VMware vSphere based environment

Tintri and Veeam provide a complete end to end storage infrastructure for VMware vSphere based environments. The joint solution is fully compliant with VMware vSphere Storage APIs - Data Protection. New Direct NFS access mode is supported beginning with Veeam Backup & Replication v9 and Tintri OS 4.2.

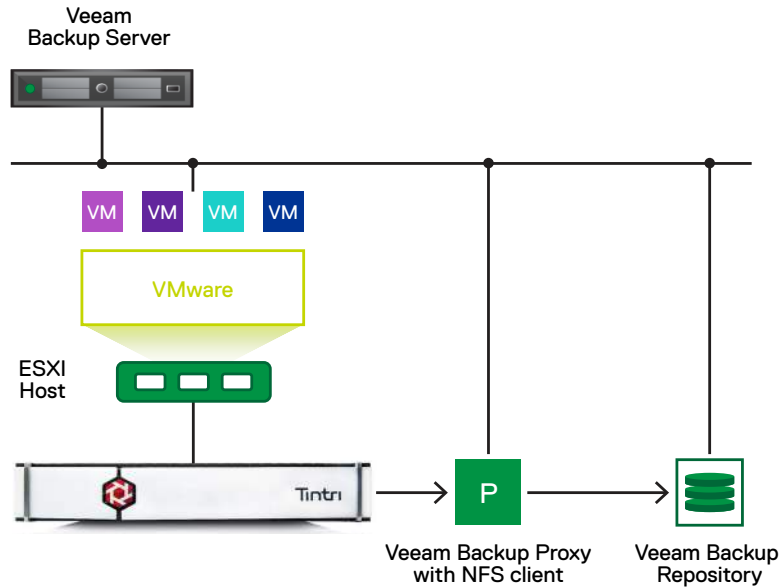


Figure 1: Direct NFS Access with Tintri and Veeam

## Hyper-V based environment

Tintri and Veeam provide a complete end to end storage infrastructure for Microsoft Hyper-V 2012 R2 environments. The joint solution protects data on remote SMB file shares using VSS beginning with Tintri OS 4.2

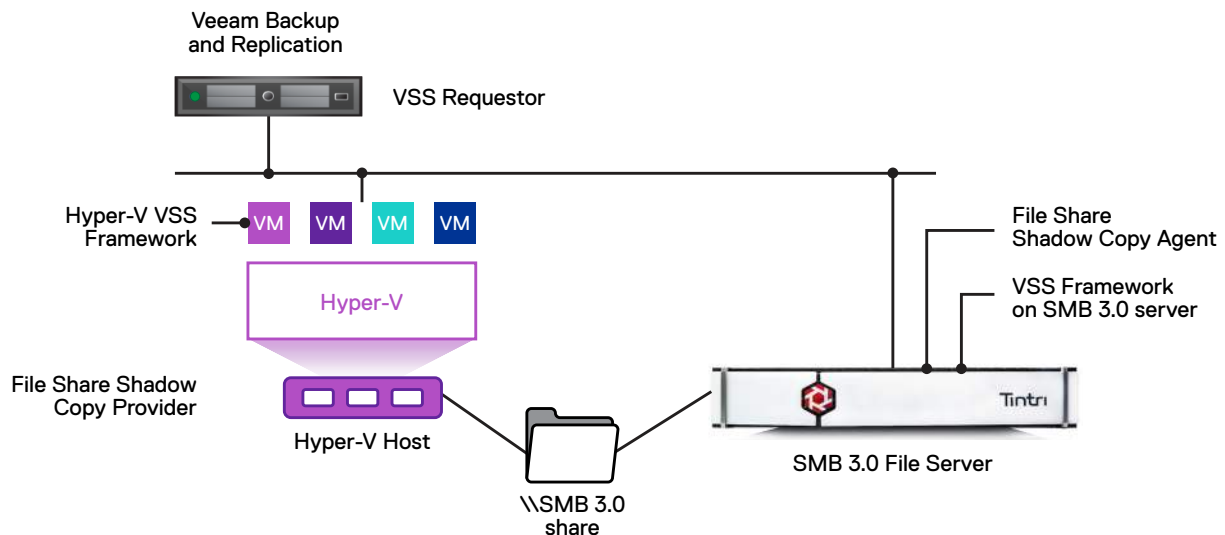


Figure 2: VSS Support with SMB 3.0 on Hyper-V