Veeam Backup and Replication V12 on TrueNAS®

Ready

Repository
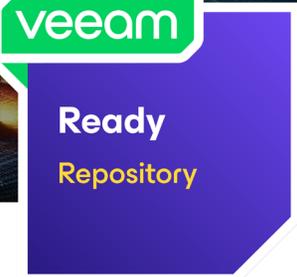
Veeam and TrueNAS

iX is an Open Source pioneer and the company behind TrueNAS, the world's most deployed storage software. TrueNAS has been certified with Veeam since 2017, and today is certified with version 12 for VMware certification tests. This certification applies to TrueNAS Enterprise on R-Series, X-Series and M-Series hardware.

Backups are like insurance — only needed when something goes wrong. The value of backups is to shorten the time to get a business back to work. Multiple iXsystems surveys show that more than half of our customers use TrueNAS to store their backup images, and Veeam is the #1 backup product they utilize.

Using TrueNAS as your Veeam target provides an enterprise storage array with all the features and performance of other alternatives, at less than half their price. Customers can utilize Veeam's Direct SAN Access transport mode to connect to the TrueNAS Enterprise storage array using iSCSI to keep backup data on an enterprise storage array instead of relying upon a server with local storage. See more on the TrueNAS certification with Veeam v12 Backup and Replication for VMware here.

Customers using Veeam with TrueNAS gain the TrueNAS benefits of hypervisor support and a wide variety of storage services, protocols, modular hardware components, high speed read and write caching, superior performance, painless capacity scaling, ease of management, and low cost per gigabyte. TrueNAS is the world's leading Open Source software-defined storage operating system, and uses OpenZFS which provides a self-healing file system for backup storage, ensuring that Veeam's backup data stays pristine and secure.

Running Veeam Backup and Replication with TrueNAS lets administrators significantly improve their data transfer throughput, and reduce the amount of time spent on backing up each VM. Administrators can continue to utilize their same procedures to protect their applications with TrueNAS, while gaining the benefits of its wide variety of storage services, protocols, superior performance, and advanced data protection.

Learn more about large-scale enterprise backups with TrueNAS in our White Paper.

Benefits of using TrueNAS with Veeam

- Supports Veeam's Direct SAN/NAS Access transport mode (certified) as well as Object Backup using MinIO with optional immutability

- World's number one Open Source software-defined storage solution (formerly known as FreeNAS)

- Uses OpenZFS to guarantee integrity of backups

- Performance-oriented design provides maximum throughput/IOPS and minimizes latency of backups

- Maximizes backup solution ROI via HDD/SSD technology and inline data reduction

- Perfectly suited for backing up file sharing, virtualization, OLTP, HPC, and M&E applications

- Supports commercial and Open Source hypervisors