



# Reliable Virtualization Storage and Backup at a Fraction of the Cost

QNAP NAS provides high-performance storage solutions to support high IOPS and low latency. QNAP NAS is an affordable storage option for virtualization applications such as VMware® and vSphere™.



## Veeam Ready Backup

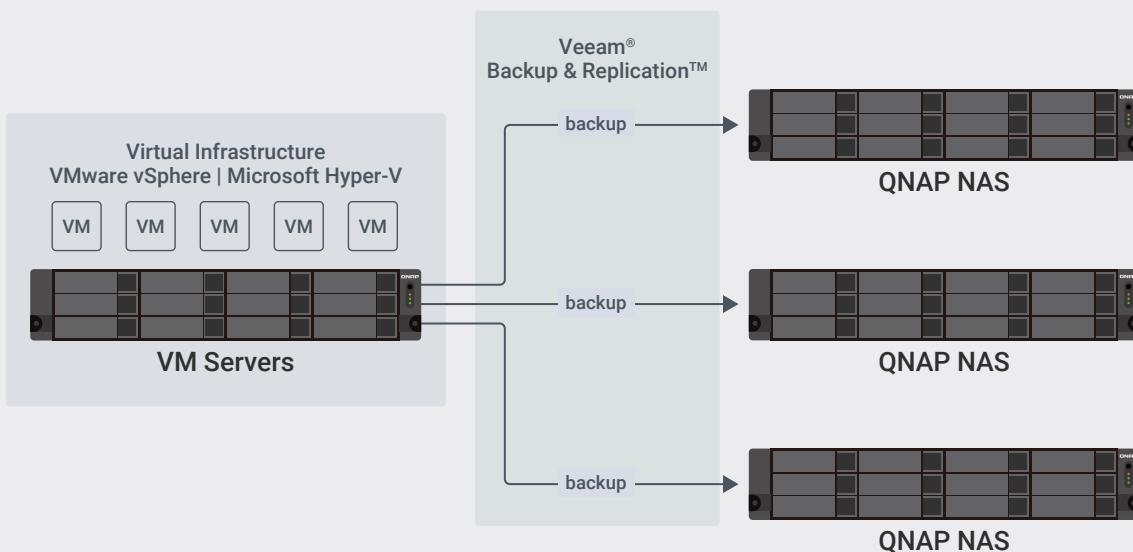
QNAP NAS is Veeam Ready and integrates seamlessly with the Veeam backup software to easily facilitate offsite backup.

veeam

Ready  
Repository

veeam

Ready  
Object  
Immutability



| Virtualization solutions |  | VMware vSphere   |
|--------------------------|--|--|
| iSCSI                    |  | VAAI for iSCSI <ul style="list-style-type: none"> <li>• Full Copy</li> <li>• Block Zeroing</li> <li>• Hardware-assisted locking</li> <li>• Thin provisioning</li> <li>• Space Reclamation</li> </ul> |
| NFS                      |  | VAAI for NFS <ul style="list-style-type: none"> <li>• Full file clone</li> <li>• Extended statistics</li> <li>• Reserve space</li> </ul>   |
| Management tool          |  | QNAP vSphere Client plug-in  |
| Certification            |  | VMware Ready   |



## Hyper Data Protector

Native license-free VM backup software



vmware  
vSphere



Microsoft  
Hyper-v

### VM Backup

License-free VM backups with a single NAS

### Data Protection

Featuring snapshot protection & RAID protection for higher data protection

### Scalable Storage

Expandable to fit growing business requirements

### Advanced NAS Features

Beyond VM backup, QNAP can host VMs and containers for home labs



## Snapshots

Protect and Restore Your Data. Easy and Fast!

### Volume and LUN Snapshots

Protect your NAS folders, files, and iSCSI LUNs

### Versioning

Regularly create snapshots to lower the risk of data loss

### Restore in a Click

Revert the entire volume/ LUN or only restore specified files and folders

### Block-based Snapshots

Supports incremental backups that save space by only copying modified data

### Snapshot Agent Utility

The Snapshot Agent utility helps servers create consistent snapshots for Microsoft® VSS and VMware® vSphere Client

