



Simplified data protection
for virtual environments

Storware vProtect is best-in-class enterprise, easy to use and affordable backup for open virtual machines

SUPPORTED PLATFORMS



VIRTUALIZATION TECHNOLOGY TRENDS*

1. Vmware

2. HYPER-V

3. CITRIX

Owns the world's most-used cloud vendor software (Amazon, Softlayer, Rackspace, 1and1, QTS, OVH)

4. RED HAT

Red Hat is recognized as an industry leader and open source champion. Hailed as the most successful open source company

5. ORACLE VM

Chosen for Oracle DB partitioning and optimization of costs

VPROTECT INTEGRATES WITH 3 OF 5 TOP PLAYERS**

Figure 1. Magic Quadrant for x86 Server Virtualization Infrastructure



*<http://www.serverwatch.com/server-trends/slideshows/top-10-virtualization-technology-companies-for-2016.html>

**Gartner's Magic Quadrant

3 EASY STEPS TO PROTECT YOUR VM'S



1.

INDEX VM'S AVAILABLE
ON HYPERVISORS

2.

GROUP & SCHEDULE
BACKUPS

3.

BACKUP & RESTORE VM
IF NEEDED

KEY FEATURES ...

VM-level backup and restore

Native API support snapshot consistent technology

Multiplied backup targets (local, cloud, VTL's, enterprise backup vendors)

Easy to use and intuitive management interfaces: CLI and web UI

Scalability

KEY FEATURES ...

Complete virtual machine protection

Full image protection for virtual machines. The Backup process creates a snapshot to protect complete state of the virtual machine or pool of hypervisors

Support for Quiesced snapshots*

Quiesced snapshots helps Microsoft Server VM's with Volume Shadow Copy Service (VSS) generate application-consistent point-in-time snapshots (applications such as MS Exchange or MS SQL Server).

Block-level deduplication

vProtect uses deduplication and compression methods to reduce a need for a bandwidth and store less on server side. Integration with IBM Spectrum Protect (TSM), Veritas NetBackup, Dell EMC DataDomain.

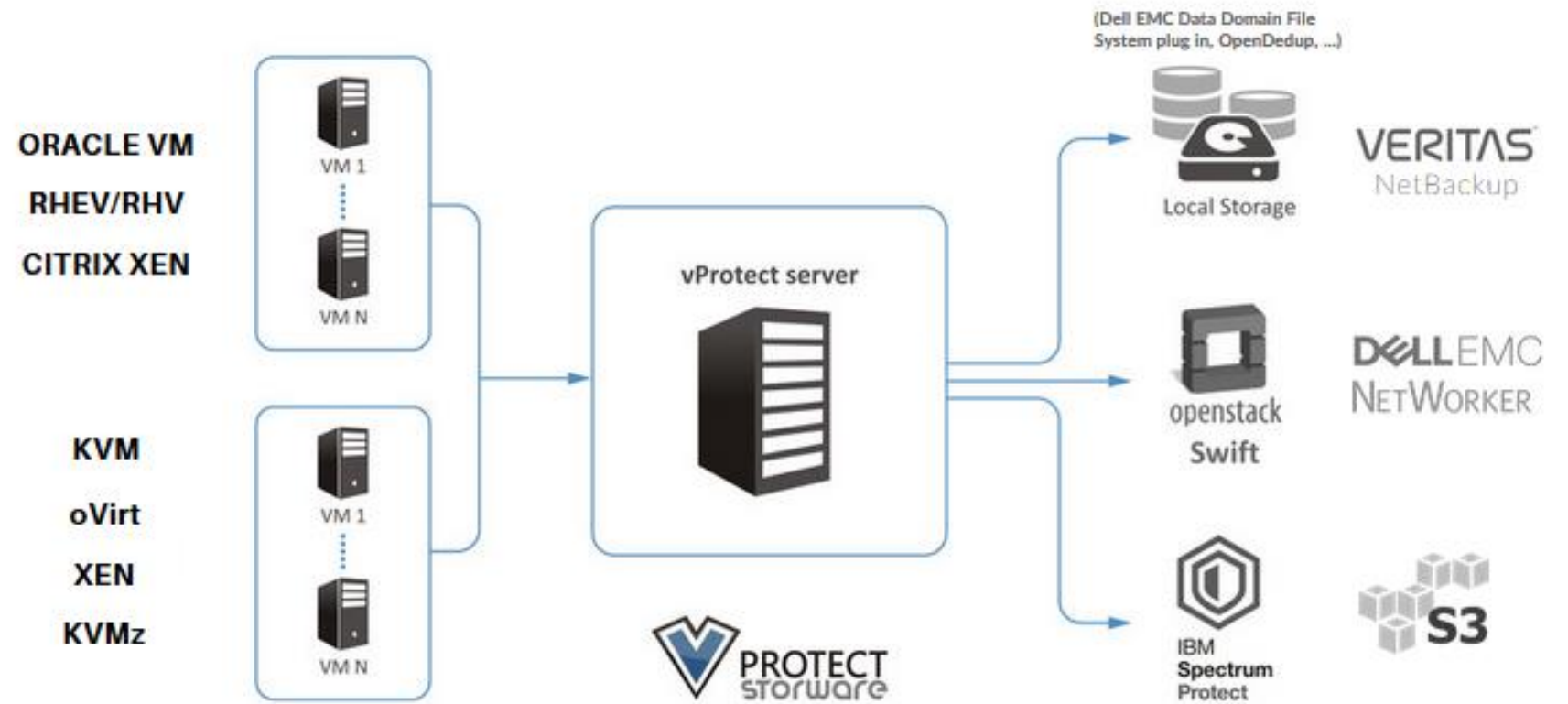
Load distribution on each host

vProtect proxy handles the workload of protected hypervisors to gain a maximum of data transfer to the staging area and backup target.

Automatic protection of virtual machines

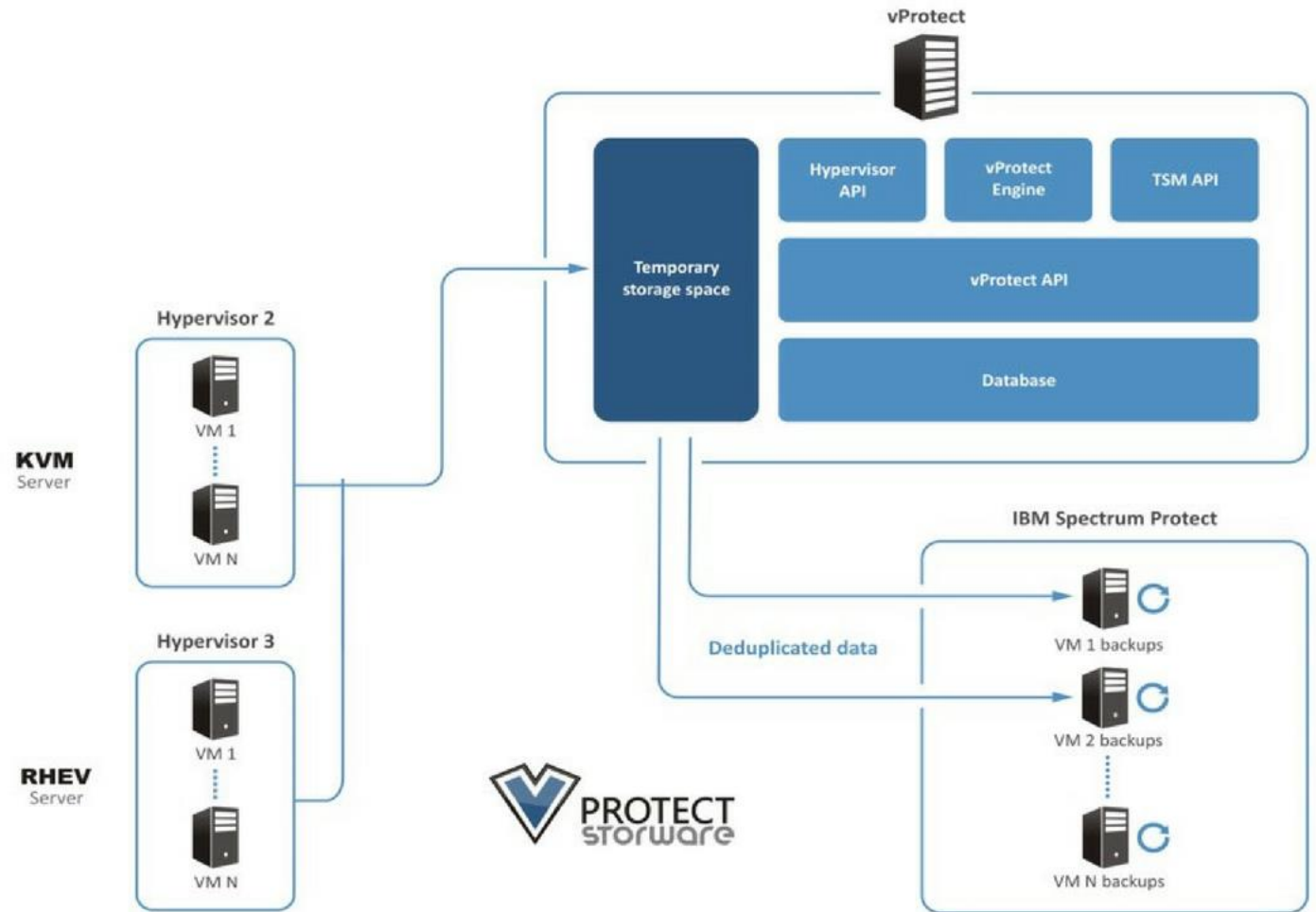
Index VM function enables vProtect discover new VM's and help administrators to add them to VM groups

THE ARCHITECTURE



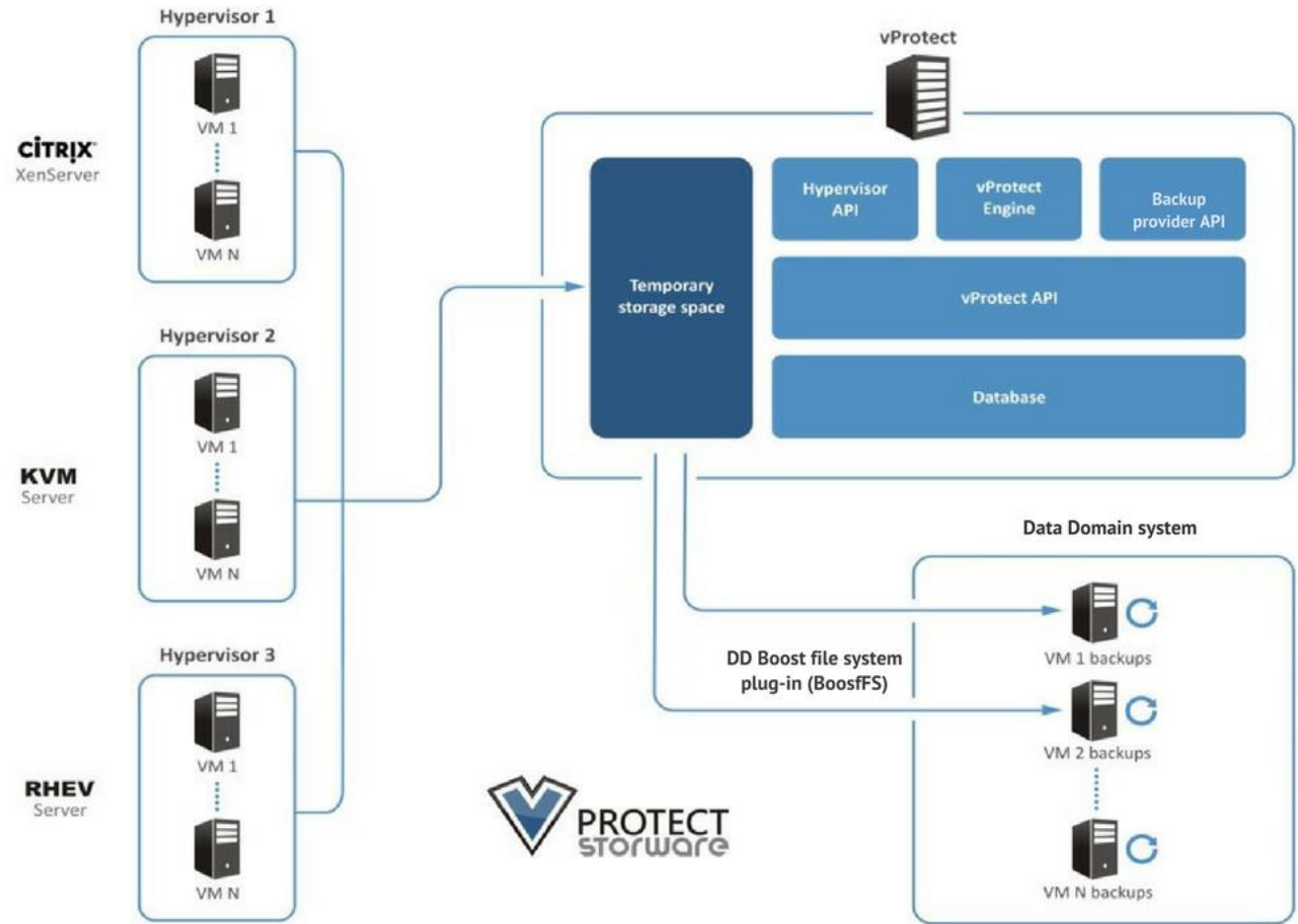
THE ARCHITECTURE WITH IBM SPECTRUM PROTECT (TSM) SERVER

Agentless protection for VM's
vProtect proxy is one node on ISP server
- each protected VM is separate filespace
vProtect can be physical/virtual machine
All of tasks are build and provision from vproxy



THE ARCHITECTURE WITH DELL EMC DD BOOST FILE SERVER PLUG IN

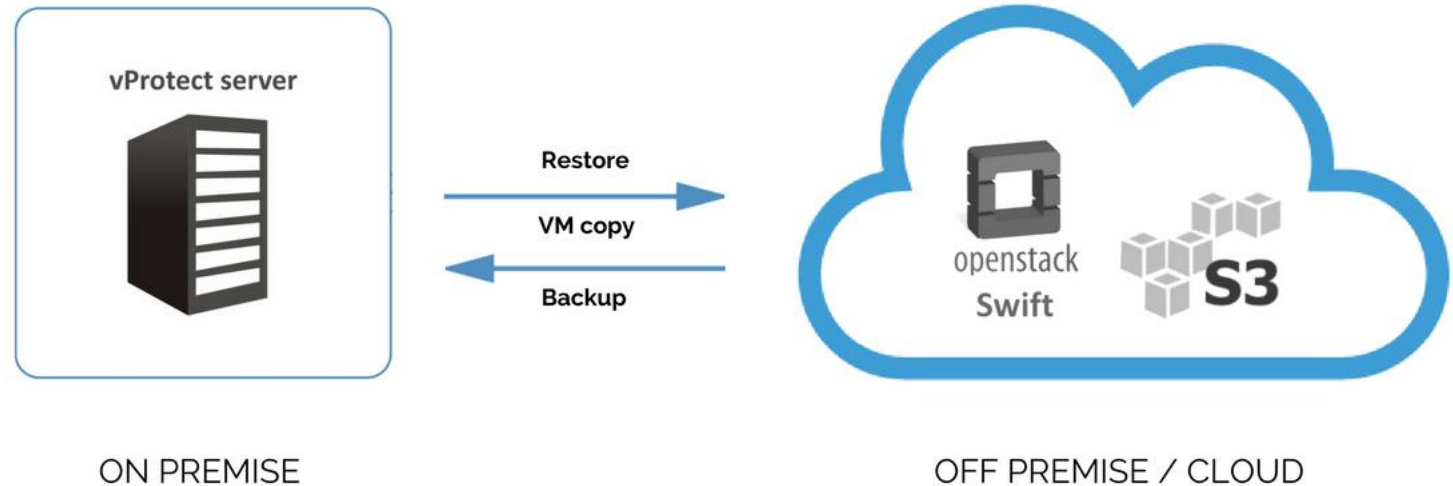
- Agentless protection for VM's
- Use file system as the backup provider
- Install DD Boost on target filesystem
- All of tasks are build and provision from vproxy
- -----
- Supported since vProtect release 2.5 (January 2017)
- DELL EMC NetWorker support since January 31st, 2017



CLOUD / HYBRID PROTECTION

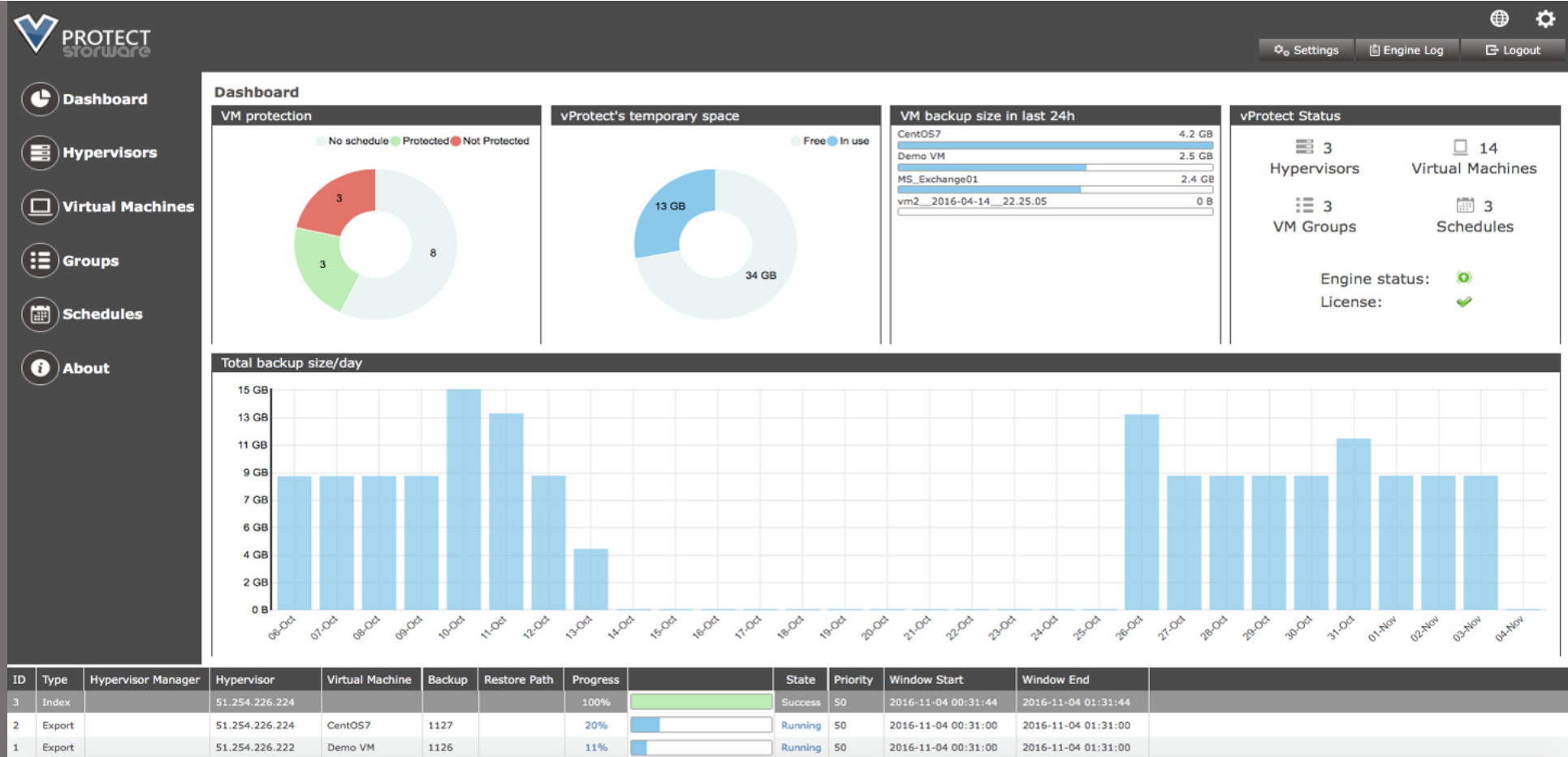
Data Protection in a cloud can significantly help companies to achieve demanded Business Continuity.

Provide Disaster Recovery as-a-service (DRaaS) as a part of comprehensive availability strategy

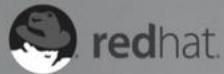


2nd tier of data can be stored
in a Cloud object storage

THE INTUITIVE MANAGEMENT



vProtect vendor certifications



READY
BUSINESS PARTNER

RED HAT READY
[HTTPS://GOO.GL/QNW6SN](https://goo.gl/QNW6SN)



READY FOR IBM CLOUD AND SMARTER INFRASTRUCTURE
[HTTPS://GOO.GL/MLTOHA](https://goo.gl/MLTOHA)



CITRIX READY
[HTTPS://GOO.GL/RJVTLR](https://goo.gl/RJVTLR)

STORWARE.EU



READY TO PROVIDE BEST PROTECTION FOR YOUR VIRTUAL MACHINES

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