OBJECT FIRST

Ootbi at Glance

Supports:
Veeam Version 12+

Storage type:
Object

Communication protocol:
S3

Capacity:
20 TB–7 PB

Ingest speed:
1–2 GB/s per node

Concurrent Veeam Instant Recovery VMs per node:
Up to 45

Max cluster size:
4 nodes

Setup time:
15 minutes (or less!)

Operating system:
Custom Hardened Linux

Acquisition model:
CapEx or Consumption-based Subscription*

* Consumption model availability subject to region. Speak with your sales representative.

Secure by design, Absolute Immutability out-of-the box, Zero Access to perform destructive actions.

Ootbi by Object First—Simply Resilient for Veeam™

Object First Ootbi (Out-of-the-Box Immutability) delivers secure, simple, and powerful backup storage purpose-built for Veeam that's absolutely immutable. With the ultimate ransomware defense, you and your organization become Simply Resilient.
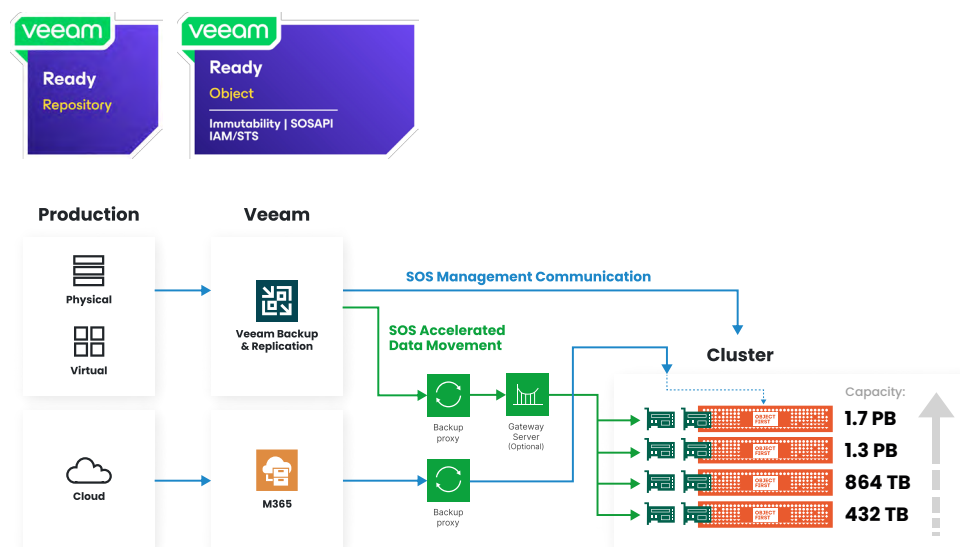
Secure

Secure by Design as defined by CISA and built on Zero Trust architecture, Ootbi ensures zero time to immutability with S3 Object Lock on a hardened Linux OS. Inherently segmented from the Veeam Data Platform, proven with third-party security testing.

Simple

First and only backup storage appliances purpose-built for Veeam, with no security or Linux expertise required. 15 minutes to deploy and scale. Configuration requires 3 IPs, a username, a password, and MFA setup.

Powerful

Capacity and performance scale linearly, supporting speeds up to 8 GB/sec and capacities beyond 7 PB. It enhances Veeam Instant Recovery performance, with up to 180 VMs on a 4-node cluster. Uses standard block size and encryption.

Mix, match and scale up to 1.7 PB per cluster

Scale to more than 7 PB of usable immutable storage when multiple clusters are used as extents within a Veeam Scale-Out Backup Repository (Veeam 12.1.2+ required).

Capacity:	20, 40 TB	128 TB	72, 216 TB	432 TB
Maximum Nodes Per Cluster	4	4	4	4
Performance				
Ingest speed	1 GB/s Per Node	1 GB/s Per Node	1 GB/s Per Node	2 GB/s Per Node
Concurrent Veeam Instant Recovery VMs	Up to 15	Up to 20	Up to 20	Up to 45
Disk Arrangement				
Primary Array	7 × 4 or 8 TB HDD (RAID 6)	10 × 16 TB SAS HDD (RAID 6)	11 × 8 or 24 TB HDD (RAID 6)	22 × 24 TB HDD (RAID 60)
Hot Spare	1 × 4 or 8 TB HDD	1 × 16 TB SAS HDD	1 × 8 or 24 TB HDD	2 × 24 TB HDD
Dedicated OS Disks	2 × 240 GB SSD (RAID 1)	2 × 240 GB SATA SSD (RAID 1)	2 × 480 GB M.2 NVMe (BOSS Card RAID 1)	2 × 480 GB M.2 NVMe (BOSS Card RAID 1)
Cache	800 GB Enterprise NVMe	1.6 TB Enterprise NVMe	1.6 TB Enterprise NVMe	1.6 TB Enterprise NVMe
Specifications				
Form Factor	2U Rackmount	2U Rackmount	2U Rackmount	2U Rackmount
Dimensions (W × H × D)	17.2" × 3.5" × 25.5" (43.7 cm × 8.9 cm × 64.8 cm)	19" × 3.5" × 25.5" (48.2 cm × 8.9 cm × 64.8 cm)	19" × 3.4" × 28.4" (48.2 cm × 8.7 cm × 72.2 cm)	19" × 3.4" × 33" (48.2 cm × 8.7 cm × 83.7 cm)
Weight	52 lbs / 23.5 kg	75 lbs / 34 kg	64 lbs / 29 kg	103 lbs / 46.3 kg
Network interfaces included*	2 × 10GbE Base-T and 2 × 10GbE SFP+	2 × 10GbE Base-T and 2 × 10GbE SFP+	2 × 10GbE Base-T and 2 × 10/25GbE SFP28	2 × 10/25GbE SFP28
Management	Dedicated IPMI 2.0 – RJ45	Dedicated IPMI 2.0 – RJ45	Dedicated iDRAC – RJ45	Dedicated iDRAC – RJ45
Power				
Total Output Power	2x, Redundant (1+1), 800 W (100-240v AC) Titanium	2x, Redundant (1+1), 1100 W MM (100-240v AC) Titanium	2x, Redundant (1+1), 1100 W MM (100-240v AC) Titanium	2x, Redundant (1+1), 1100 W MM (100-240v AC) Titanium
Power Cables	Region-specific power cables included	Region-specific power cables included	Region-specific power cables included	Region-specific power cables included
Idle / Backing Up / Max Peak	195 W / 250 W / 314 W	252 W / 400 W / 540 W	400 W / 490 W / 642 W	415 W / 620 W / 969 W

*All listed interfaces are included. Two ports can be active at a time, and both must use the same interface type (eg Base-T or SFP+)