OBJECT FIRST

Ootbi at a Glance

Supports **Veeam Version 12+**

Storage Type: **Object**

Communication Protocol: **S3 API**

Capacity: **20–432 TB**

Ingest Speed: **1–2 GB/s per node**

Instant Recovery Support:
20 VMs per node

Max Cluster Size: **4 nodes**

Setup Time: **15 Minutes (or less!)**

Operating System:
Custom Hardened Linux

Secure by design, immutable out-of-the-box, zero access to root or operating system.

Ootbi by Object First — Best Storage for Veeam™

Ootbi (Out-of-the-Box Immutability) by Object First is the best storage for Veeam. Ransomware-proof and secure by default, Ootbi delivers secure, simple, and powerful backup storage for Veeam customers.
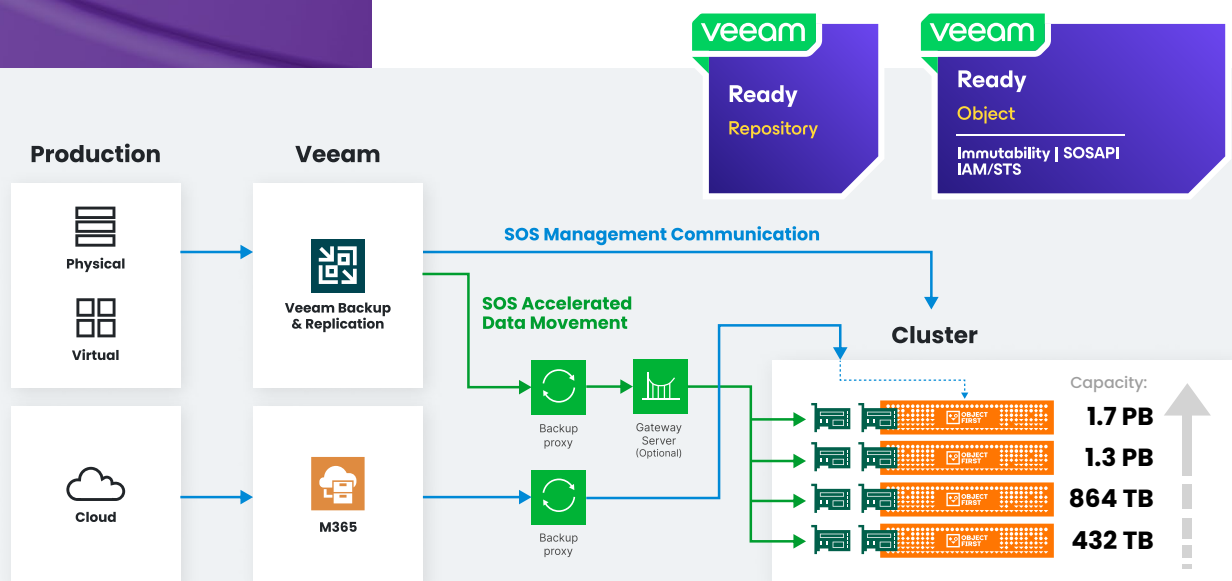
🔒 Secure

Built to support Zero Trust Data Resilience (ZTDR) security principles, Ootbi is a hardened object storage appliance with zero access to root. Repeatedly third-party tested, it's an impenetrable storage target for Veeam backup data.

👍 Simple

No security expertise required. Setup requires 3 IPs (two physical and one vIP for the S3 endpoint), a username, password, and MFA setup. That's it!

🚀 Powerful

Ootbi has been certified to handle up to 80 concurrent Veeam Instant Recovery VMs thanks to SOS-enabled direct-to-node network access bypassing any unnecessary traffic hops that might hinder performance.

veeam Ready *Repository*

veeam Ready Object
Immutability | SOSAPI
IAM/STS

Production

Physical

Virtual

Cloud

Veeam

Veeam Backup & Replication

M365

SOS Management Communication

SOS Accelerated Data Movement

Backup proxy

Gateway Server (Optional)

Backup proxy

Cluster

Capacity:
1.7 PB
1.3 PB
864 TB
432 TB

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 TB, 40 TB	64 TB, 128 TB, 192 TB	432 TB
Maximum Nodes Per Cluster	4	4	4
Ingest speed	1 GB/s	1 GB/s	2 GB/s
Disk Arrangement			
Primary Array	8 × 4 or 8 TB HDD (RAID 6)	10 × 8, 16, or 24 TB SAS HDD (RAID 6)	22 × 24 TB HDD (RAID 6)
Hot Spare	1 × 4 or 8 TB HDD	1 × 8, 16, or 24 TB SAS HDD	2 × 24 TB HDD
Dedicated OS Disks	2 x Intel D3 S4520 240 GB SATA (RAID 1)	2 × 240 GB SATA SSD (RAID 1)	2 x M.2 480 GB (RAID 1)
Cache	800 GB Enterprise NVMe	1.6 TB Enterprise NVMe	1.6 TB Enterprise NVMe
Specifications			
Form Factor	2U Rackmount	2U Rackmount	2U Rackmount
Dimensions (W x H x D)	17.2″ x 3.5″ x 25.5″ (43.7 cm x 8.9 cm x 64.8 cm)	19″ x 3.5″ x 25.5″ (48.3 cm x 8.9 cm x 64.8 cm)	18.9″ x 3.4″ x 32″ (48.0 cm x 8.6 cm x 81.3 cm)
Weight	52 lbs / 24 kg	75 lbs / 34 kg	138 lbs / 63 kg
Network Interface	2 × 10G Base-T or 2 × 10G SFP+	2 × 10G Base-T or 2 × 10G SFP+	2 × 25G SFP+
Management	Dedicated IPMI 2.0 – RJ45	Dedicated IPMI 2.0 – RJ45	Dedicated iDRAC RJ45
Power			
Total Output Power	2x Redundant (1+1), 800 W (100-240v AC)	2x Redundant (1+1), 1000 W / 1200 W	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
Idle / Backing Up / Max Peak	185 W / 230 W / 240 W	252 W / 400 W / 540 W	415 W / 766 W / 969 W