Lenovo INFINIDAT

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Recovery at Scale The New Standard for Cyber Resilience

How leading organizations minimize downtime, restore critical business operations, and strengthen cyber resilience at scale

RICKATRON

Rick Vanover, Vice President of Product Strategy, Veeam

Dominik Fischer, Senior Account Executive, Infinidat a Lenovo Company

September 29

Agenda

1. Ransomware Defense Capabilities
2. Infinibox and Veeam
3. Demo
4. Q&A

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Evolving

550,000+
customers worldwide

82%
of Fortune 500

34,000+
partners

25M+
Microsoft users protected

$2.21B+
in ARR

98%
recommendation rate
(2026 Gartner Customer Voice)

180+
countries covered

12
Global Tech Centers

Gartner

9X Leader in 2025 Gartner
Magic Quadrant for Data Protection

2026 Gartner® Peer Insights™
Customers' Choice

GIGAOM

2025 Leader in Data Access Governance

2025 Leader in DSPM

2025 6X Leader in Kubernetes Data Protection

IDC

#1 in Global Market Share,
Data Protection (1H2025) and Data Privacy Compliance

SC Awards
TRUST AWARD
WINNER
2026

2026 SC Award winner for Best Business Continuity /Disaster / Ransomware Recovery Solution (RSAC)

BROAD ECOSYSTEM

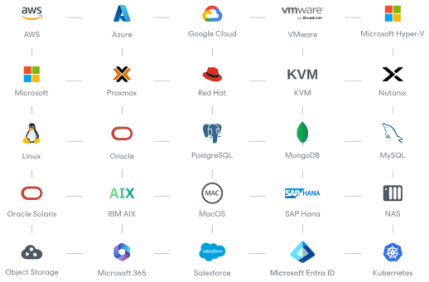
Technology Partners

Red Hat · Microsoft · NUTANIX
aws · servicenow · CROWDSTRIKE
SOPHOS · ORACLE · Google
Lenovo · paloalto NETWORKS · splunk>

GSIs

accenture · kyndryl · TCS TATA CONSULTANCY SERVICES
Tech Mahindra · Infosys · NTT
cognizant · Capgemini

Breadth of Coverage with over 300+ data connectors



Data Threats are Evolving

From backup basics to AI-era intelligence

2005 – 2012

BACKUP ERA

THE THREAT

Hardware failures, human error, disasters

THE NEED

"I need copies"

2012 – 2018

RECOVERY ERA

THE THREAT

Hybrid and multi-cloud adoption increases recovery complexity

THE NEED

"I need reliable recovery and minimal impact"

2018 – 2024

RESILIENCE ERA

THE THREAT

Supply chain attacks, nation-states, regulations

THE NEED

"I need to withstand + prove"

WHERE WE ARE TODAY

2025 +

AI ERA

THE THREAT

Data positioning, Shadow AI, ungoverned pipelines, exponential attack surface

THE NEED

"Who and what is touching my sensitive data? I need autonomous governance at scale"

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Setting the Scene...

Words
to live by.

"I can tell in the first 15 minutes of a conversation how well or how poorly an incident response is going to progress just based on how prepared an organization presents themselves during the initial phone call."

William Siegel
CEO Coveware by Veeam

Summarized quote from VeeamON general session"

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September 2026

Ransomware Defense Capabilities

The leading end-to-end resiliency offering in our space

Before Backup

- Coveware Recon Scanner
- Observability and AI Insights
- Security and Compliance Analyzer
- Veeam Incident API

During Backup

- AI Ransomware Detection
- Immutable Backup
- Indicators of Compromise (IoC) Scanner
- File System Activity Analysis

Post Backup and Recovery

- Signature-based Malware Scanning
- YARA Scanning
- Threat Hunter
- Orchestrated Restore and Cleanrooms

splunk> SOPHOS CROWDSTRIKE servicenow paloalto NETWORKS

Incident Response – coveware by veeam

Forensic Analysis → Negotiation (if required) → Settlements (if required) → Decrypt/ End Downtime → Post-incident Documentation

Largest commercial database of Cyber Incident Data

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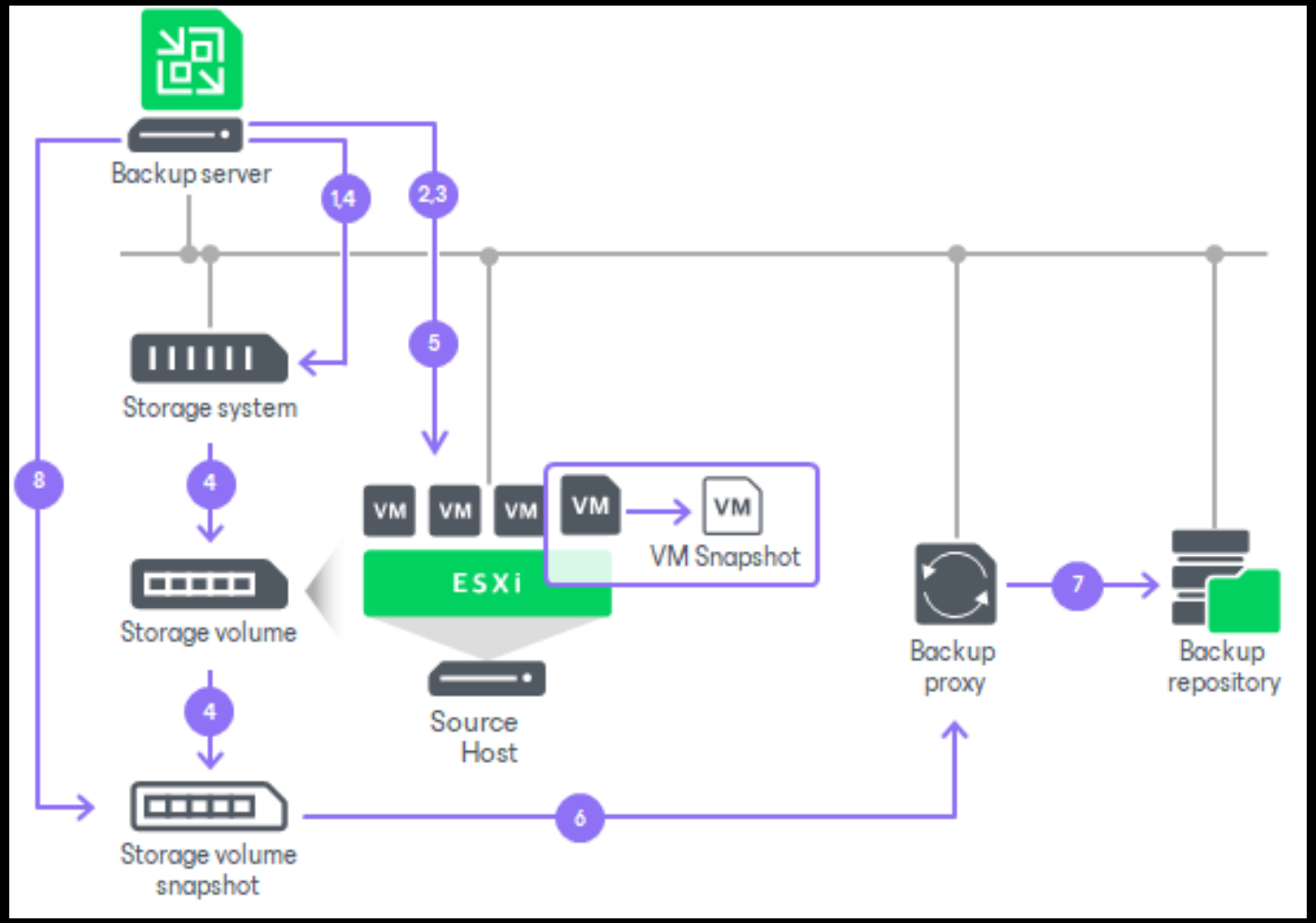
Storage Integration – Integrated Backup

With Infinidat

Near Zero impact backups



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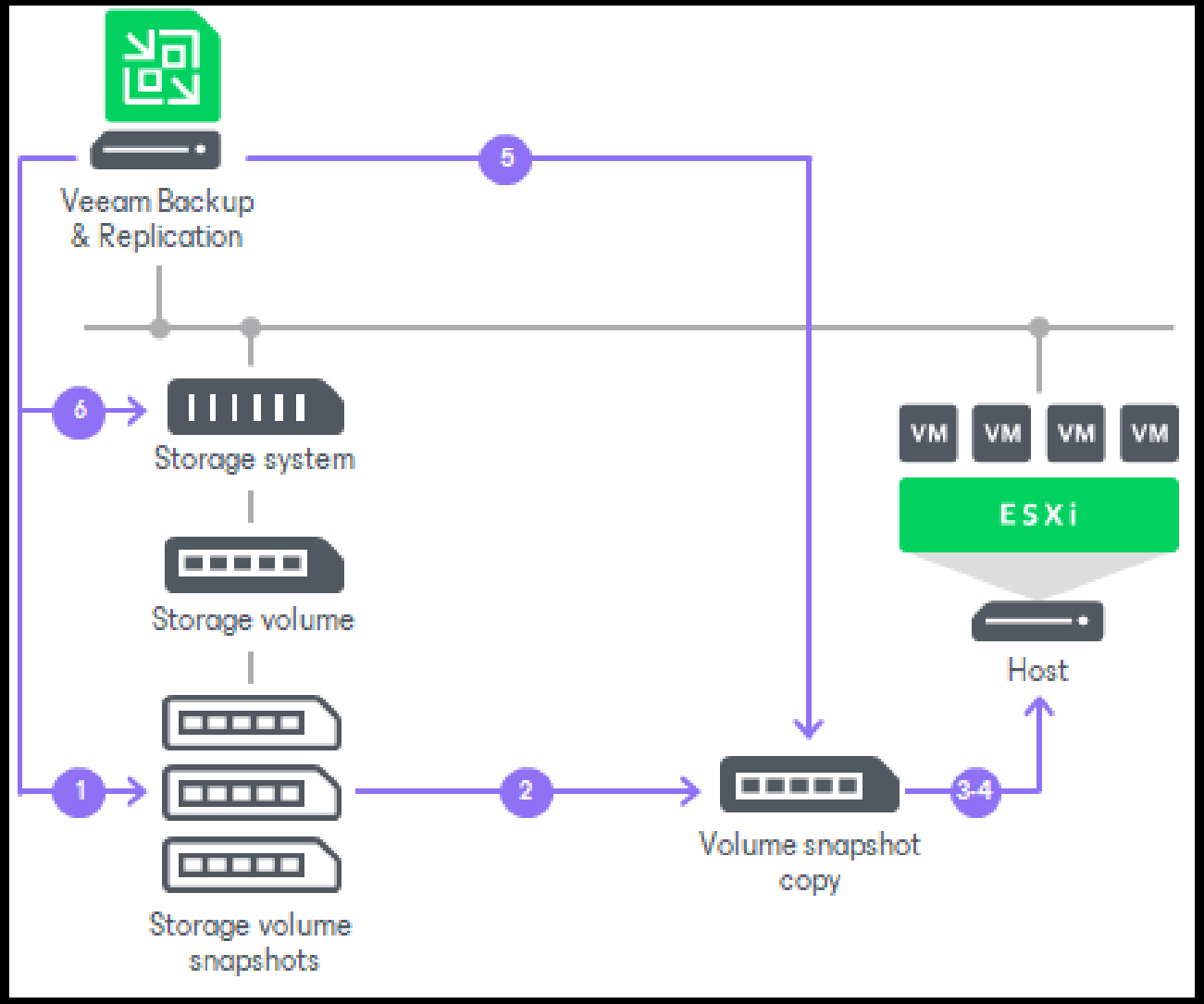
Storage Integration – Item Recovery

With Infinidat

Easy recovery from Lenovo snapshots.



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Infinidat Overview and Highlights

Business Overview

- **Founded 2011** by Moshe Yanai
- Premium **enterprise storage** solutions
- delivering **ground-breaking performance**, **multi-petabyte capacity**, **100% availability** and **leading cyber resilience** for enterprises and cloud service providers
- **Truly unified**, multi-protocol support
- **Use cases** Primary storage, cloud storage, application consolidation, business continuity, disaster recovery and cyber resilience and many more
- **Substantial TCO advantages, guaranteed SLAs**
- Flexible pricing models CapEx, FLX, STaaS
- Gartner Peer Insights **Customers Choice for Primary Storage 6 x**

Record Business Results in 2023 and continued 2024

77TBu to 11PBu
Broad range of capacity solutions

4th Consecutive Year
of Positive Cash Flow and Earnings

70 Traditional Full System, 30
Consumption Based

26 of Fortune 50
Enterprise Customers

2024 Silver Award for InfiniBox™ SSA G4 All-Flash System

Seven Time Gartner® Peer Insights Customers' Choice Award
Overall - 5 times
North America - 2 times

"Flash Storage Solution of the Year" - Data Breakthrough Awards

3 Cyber Defense Magazine Global InfoSec Awards

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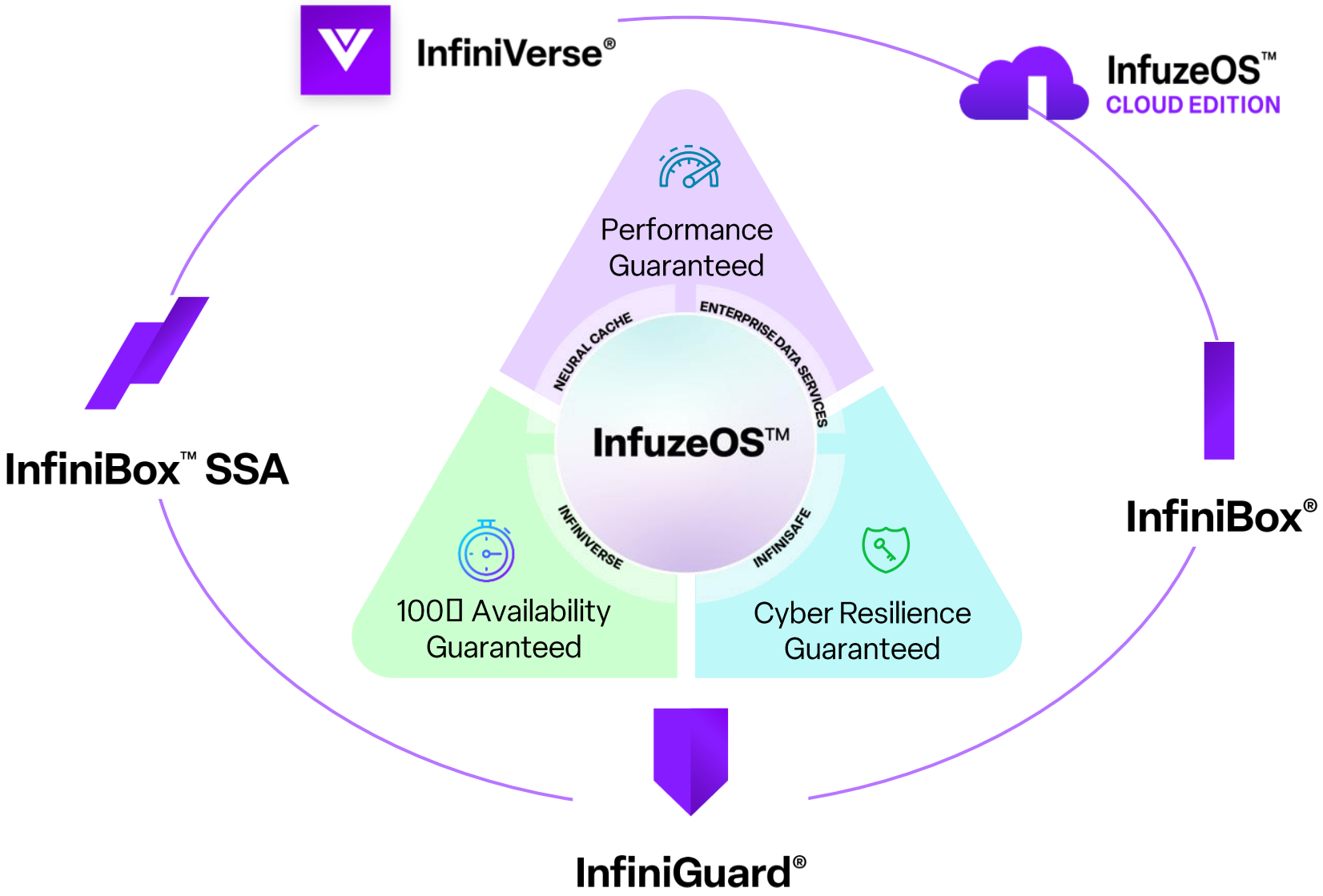
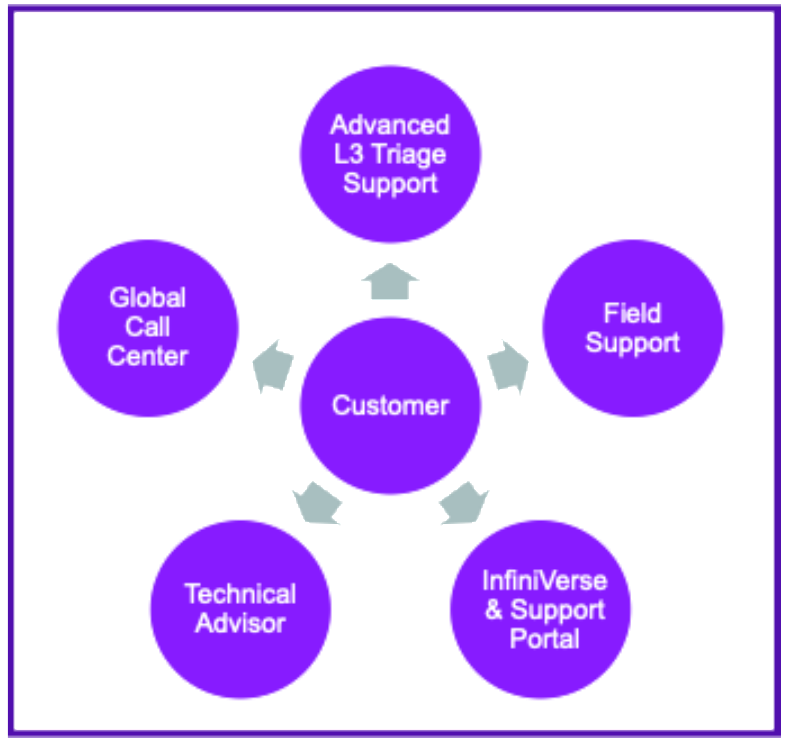
WHAT InfuzeOS offers Software Led Enterprise Storage, Drives SLAs





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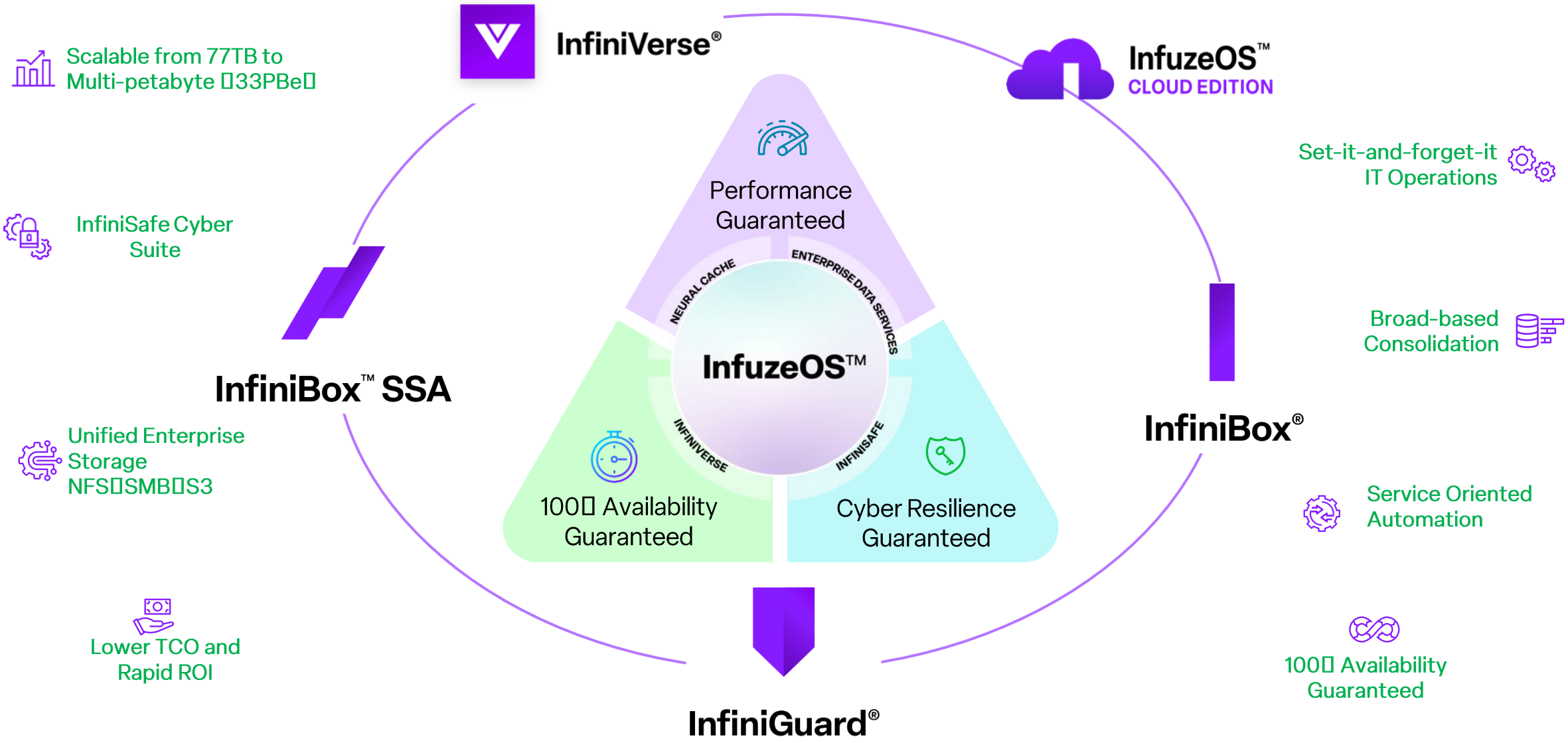

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Infinibox and Veeam

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Veeam and InfiniBox – Accelerating Recovery at Scale

InfiniBox as Primary Storage

- **InfiniSnap snapshots** – up to 100,000 per system, zero performance impact
- Fully integrated with **Veeam Universal Storage API** Framework
- Backup from snapshot eliminates production impact – up to **10x faster**
- Patented **Neural Cache** AI□ML algorithms for deep learning optimized performance
- **100□ availability guarantee**

InfiniBox as S3 Backup Target

- Native S3-compliant object storage with **Object Lock** for immutable backups
- **Veeam Ready Repository – Capacity Target** certified Article ID 2405, May 2026
- InfuzeOS 8.8, 10 GbE connectivity

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InfiniSafe - Built Into Every InfiniBox at No Additional Cost

1. Immutable Snapshots

Cannot be deleted or changed.

Not possible for a **malicious actor** or **inexperienced staff member** to alter settings or delete any existing immutable snapshot.

2. Logical Air-Gapped Protection

Data isolation done locally on the platform.

No need to copy or replicate to a separate system - saves cost, removes complexity.

3. Fenced Forensic Network

A completely private network for data validation and recovery.

4. Near-Instantaneous Recovery

All validated data back and available for restore **in minutes**, regardless of backup repository size.

No penalty in time, even at petabyte-scale.

InfiniSafe Cyber Storage Guarantee Recovery at under 1 minute on InfiniBox InfiniBox SSA.

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How it works together

On primary storage

InfiniBox - Veeam Universal Storage API

- Veeam orchestrates **InfiniSnap for backup and storage snapshots**
- Veeam Backup from Storage Snapshots up to **10x faster**, zero production impact
- Veeam Explorer **restores VMs**, **files**, and **application items** directly from snapshots
- Block-level **incremental forever** backup via VMware Change-Block-Tracking
- **Application-aware** backup, instant recovery, and enterprise DevOps on InfiniBox snapshots

On backup target

InfiniBox native S3

- **S3-compliant** object storage fully integrated with Veeam
- **S3 over HTTPS** - authenticated and encrypted over the wire
- Native S3 Object Lock for **immutable backup copies**
- **Veeam manages retention and locking** policies per backup job definition
- **InfiniBox can enforce default retention** policies for new objects on the bucket

On-demand restores

- Full VM □array based□
- Guest files □17 file systems□
- Exchange items
- SharePoint items
- Active Directory objects
- SQL Server databases
- Oracle databases

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Demo Time

End-to-End Data Protection Policy of Virtual Machines on Infinibox based on the Veeam Universal Storage API, integrated into Infinibox Primary Storage ➔ Backing up to another Infinibox using its native S3

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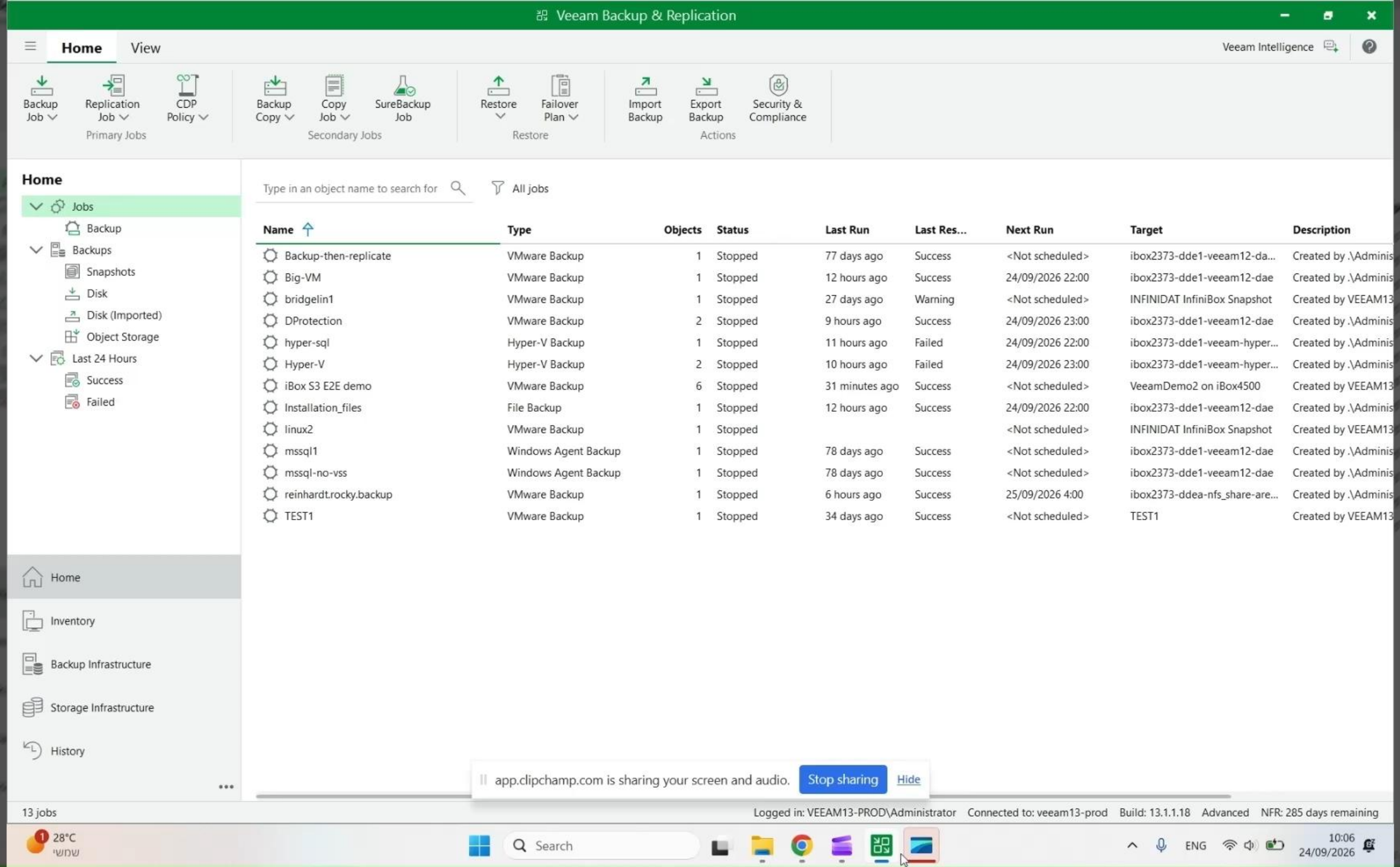
Veeam Backup & Replication
Home
View
Veeam Intelligence
Backup Job
Replication Job
CDP Policy
Primary Jobs
Backup Copy
Copy Job
SureBackup Job
Secondary Jobs
Restore
Failover Plan
Restore
Import Backup
Export Backup
Security & Compliance
Actions
Home
Jobs
Backup
Backups
Snapshots
Disk
Disk (Imported)
Object Storage
Last 24 Hours
Success
Failed
Type in an object name to search for
All jobs
Name
Type
Objects
Status
Last Run
Last Res...
Next Run
Target
Description
Backup-then-replicate VMware Backup 1 Stopped 77 days ago Success <Not scheduled> ibox2373-dde1-veeam12-da... Created by .\Adminis
Big-VM VMware Backup 1 Stopped 12 hours ago Success 24/09/2026 22:00 ibox2373-dde1-veeam12-dae Created by .\Adminis
bridgelin1 VMware Backup 1 Stopped 27 days ago Warning <Not scheduled> INFINIDAT InfiniBox Snapshot Created by VEEAM13
DProtection VMware Backup 2 Stopped 9 hours ago Success 24/09/2026 23:00 ibox2373-dde1-veeam12-dae Created by .\Adminis
hyper-sql Hyper-V Backup 1 Stopped 11 hours ago Failed 24/09/2026 22:00 ibox2373-dde1-veeam-hyper... Created by .\Adminis
Hyper-V Hyper-V Backup 2 Stopped 10 hours ago Failed 24/09/2026 23:00 ibox2373-dde1-veeam-hyper... Created by .\Adminis
iBox S3 E2E demo VMware Backup 6 Stopped 31 minutes ago Success <Not scheduled> VeeamDemo2 on iBox4500 Created by VEEAM13
Installation_files File Backup 1 Stopped 12 hours ago Success 24/09/2026 22:00 ibox2373-dde1-veeam12-dae Created by .\Adminis
linux2 VMware Backup 1 Stopped <Not scheduled> INFINIDAT InfiniBox Snapshot Created by VEEAM13
mssql1 Windows Agent Backup 1 Stopped 78 days ago Success <Not scheduled> ibox2373-dde1-veeam12-dae Created by .\Adminis
mssql-no-vss Windows Agent Backup 1 Stopped 78 days ago Success <Not scheduled> ibox2373-dde1-veeam12-dae Created by .\Adminis
reinhardt.rocky.backup VMware Backup 1 Stopped 6 hours ago Success 25/09/2026 4:00 ibox2373-ddea-nfs_share-are... Created by .\Adminis
TEST1 VMware Backup 1 Stopped 34 days ago Success <Not scheduled> TEST1 Created by VEEAM13
Home
Inventory
Backup Infrastructure
Storage Infrastructure
History
app.clipchamp.com is sharing your screen and audio.
Stop sharing
Hide
13 jobs
Logged in: VEEAM13-PROD\Administrator
Connected to: veeam13-prod
Build: 13.1.1.18
Advanced
NFR: 285 days remaining
28°C
שמש
Search
ENG
10:06
24/09/2026

Real-World Demo - What You□re About to See

end-to-end data protection lifecycle on InfiniBox integrated with Veeam

Backup Configuration

1 TB VMs backed up to InfiniBox S3 bucket immutable, Object Lock enabled

Primary storage snapshots via Universal Storage API

14 daily backups GFS weeklies monthlies

Immutability Enforcement

Attempted deletion of backup blocked by storage - **marked as immutable**

cannot be overridden even with admin privileges

Instant VM Recovery from Snapshot

488 GB VM recovered in **under 1 second** snapshot

2 minutes total orchestration

Granular File Recovery from S3 Backup

52 files restored from immutable S3 backup

without recovering the entire VM - **zero errors**

Everything managed from a **single pane of glass** in the Veeam console.

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Key Takeaways

Recovery speed at scale

- **Instant snapshot recovery** - under 1 second, full orchestration in 2 minutes
- **Managed via Veeam Universal Storage API**, zero production impact
- **Granular file-level recovery from immutable S3 backup** without full VM restore

Cyber resilience built in

- InfiniSafe on InfiniBox - **immutable snapshots, logical air gap, fenced forensic environment, near-instantaneous recovery**
- **Immutability enforced at the storage layer** - cannot be overridden even with admin privileges
- **Included at no additional cost**

Protected end-to-end

- S3 Object Lock backups **retained per policy**, compliance, and regulatory requirements
- **Single pane of glass** management through Veeam console

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THANK YOU - QUESTIONS

RICKATRON

Rick Vanover, Vice President of Product Strategy, Veeam

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