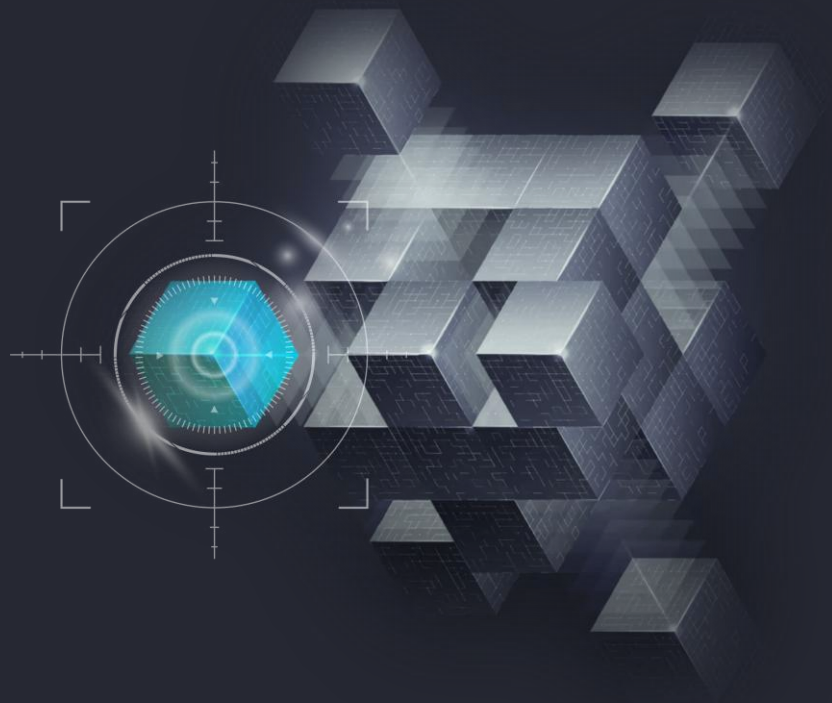
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IDC CONFERENCE • 2026

From Containers to Business Continuity



Kasten and the Future of Data Protection

Nedeljko Matejak
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Containers Aren't Experimental Anymore — They're the Business

82%

of container users now run Kubernetes in production

up from 66% in 2023

98%

of organizations have adopted cloud-native practices

CNCF, 2026

What used to run in a sandbox now runs **core banking, e-commerce, patient records, and trading platforms.** Kubernetes has quietly become critical infrastructure.

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The Resilience Gap

Traditional backup assumptions don't hold in a Kubernetes world.

TRADITIONAL INFRASTRUCTURE	KUBERNETES REALITY
Static servers, predictable change windows	Ephemeral pods, dynamic namespaces, multiple releases a day
VM- or volume-level snapshots	An app = code + config + secrets + data, scattered across many objects
Quarterly, scheduled DR tests	Recovery must be application-aware, automated, and continuously validated

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Veeam Kasten: Purpose-Built for Kubernetes

CLOUD-NATIVE

Runs inside the cluster; managed through CRDs, a UI, and a native API.

APPLICATION-CENTRIC

Protects the whole namespace — manifests, config, and PVC data — not just volumes.

PORTABLE

Restores to the same cluster or a different one, enabling DR and live migrations.

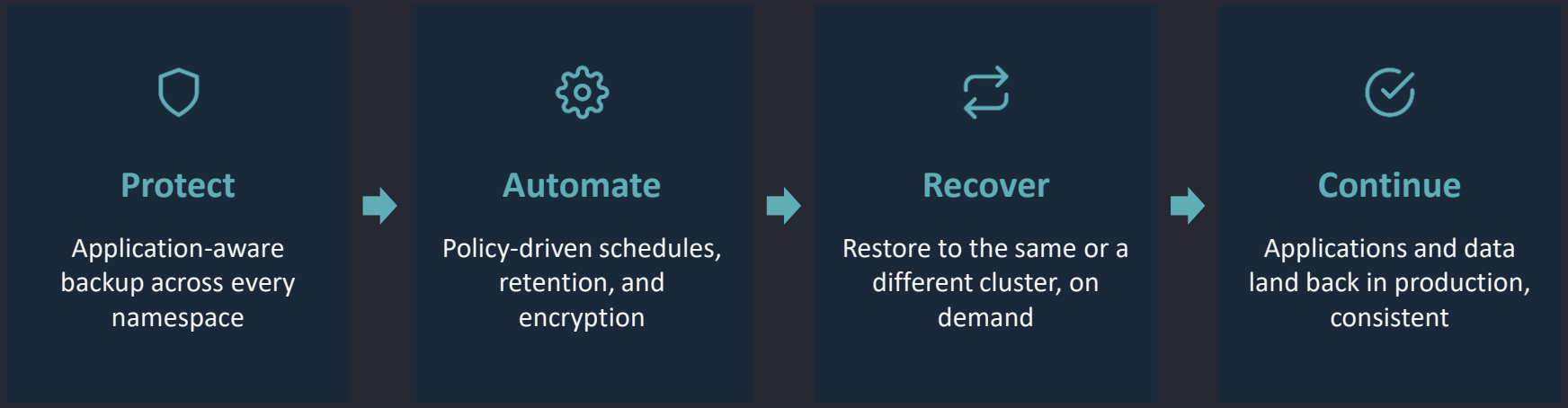
POLICY-DRIVEN

Schedule, retention, encryption, and RBAC are all defined declaratively as policy.

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From Backup to Business Continuity

Backup answers “is it saved?” Continuity answers “can the business keep running?”



Veeam Kasten is recognized as a **Leader and Outperformer** in Kubernetes Data Protection — GigaOm Radar, five years running.

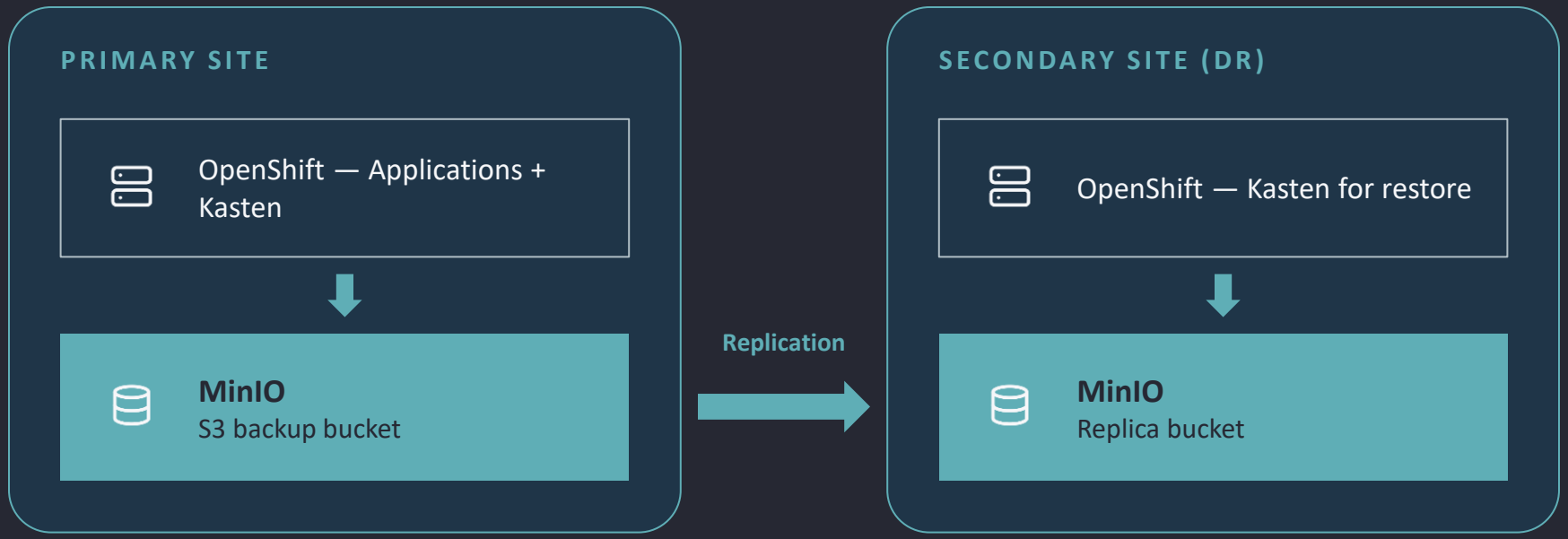
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PROOF IN PRODUCTION

Disaster Recovery for OpenShift, Built on Kasten

The customer: an enterprise running business-critical applications on Red Hat OpenShift, needing cross-site disaster recovery that doesn't depend on the primary site staying alive.



The secondary cluster reads exclusively from its local MinIO replica — with no dependency on the primary site.

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How It Works: Backup, Replicate, Restore

1	**Connect to MinIO**	A Location Profile links Kasten to the S3 endpoint, bucket, and credentials.
2	**Define the Policy**	Namespaces, schedule, and retention are set once and applied automatically.
3	**Snapshot & Export**	Kasten takes a CSI snapshot, then exports data and metadata — encrypted and deduplicated — to MinIO.
4	**Replicate & Restore**	MinIO replicates to the secondary site; Kasten imports restore points and recovers the namespace on failover.

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What Made It Work: DR Lessons from the Field

RPO & RTO, BY DESIGN

RPO tracks the backup schedule and MinIO replication speed; RTO is validated through regular restore drills.

REPLICA CONSISTENCY FIRST

Import only runs once bucket replication has fully completed — never against a partial copy.

PROTECT THE CATALOG TOO

Kasten's own catalog and configuration are backed up via Kasten DR — not just the applications.

SECURITY IN DEPTH

Encryption in transit and at rest, object lock/versioning on MinIO, and separate credentials per site.

TEST, DON'T ASSUME

Scheduled DR test restores on the secondary cluster — proving recovery works before it has to.

SAME STORAGECLASS MAPPING

The secondary cluster mirrors storage classes ahead of time, so restores land cleanly, without manual fixes.

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From Containers to Continuity: What to Take Home

01 **Containers now run the business.**
Protect them with the same rigor as every other critical system you own.

02 **Backup isn’t continuity.**
Application-aware, policy-driven recovery is what actually closes the gap.

03 **Kasten makes resilience repeatable.**
It turns Kubernetes DR from a one-off project into an automated, ongoing process.

04 **Continuity is only proven when tested.**
Build DR testing into your operating rhythm — not your incident response.

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Thank You

Questions & Discussion

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