REDEFINING DATA RESILIENCE

Unlocking the full breadth of Security, Data Portability, Multi-Cloud Protection, and Centralized Operations.

Martin Beran

Lead Systems Engineer
CEE Region

PRESSURE IS BUILDING ACROSS EVERY ENTERPRISE

OVER 280 DAYS
some breaches can take to identify and contain, nearly a full year of undetected exposure.

OVER 90%
of organizations are expected to **face IT skills shortages**, impacting delivery and growth.

$300,000 PER HOUR
is the average cost of downtime.

75% OF ORGANIZATIONS
say tool sprawl is making their security operations more complex and less effective.

IBM

THE THREATS WE DON'T SEE ARE THE BIGGEST RISK, AND I'M ACCOUNTABLE.

CISO

Capstone IT

THE WORKLOAD KEEPS GROWING, BUT THE TEAM DOESN'T.

CIO

Gartner

ONE INCIDENT CAN UNDO YEARS OF CUSTOMER TRUST.

IT DIRECTOR

ESG

I'M JUGGLING TOO MANY TOOLS TO SEE THE FULL PICTURE.

SYSTEM ADMIN

DATA RESILIENCE REDEFINED

It’s not just about each capability. It’s about having a unified platform.

ASSURED COMPLIANCE
Automate, test, and execute recovery to ensure fast, reliable outcomes.

INTELLIGENT OPERATIONS
From daily health to long-term trends, gain visibility that supports better decisions.



ZERO LOCK-IN
Move and recover your data freely, without vendor constraints.

AI READY
Agentic analysis for rapid reports and guided threat recovery.

BUILT-IN CYBERSECURITY
Security built in to detect sooner, protect stronger, and recover clean.

YOUR WORKLOADS ANYTIME, ANYWHERE.

Veeam is here to help you stay safe, recover anywhere, and assist in migrating workloads, **all in one single solution.**

Veeam Universal licensing travels with your workloads, so your protection strategy flexes as your infrastructure evolves, without migration penalties or forced architecture changes.

Multiple Hypervisors, Clouds, Apps, and Unstructured Data

VEEAM DATA PLATFORM

Secure Backup & Fast Recovery • Proactive Observability & AI • Clean Orchestration & Compliance

VIRTUAL

- VMware vSphere
- Microsoft Hyper-V
- Nutanix AHV
- Oracle Linux VM
- Proxmox VE
- Scale HyperCore
- Morpheus VM Essentials
- Sangfor aSV
- XCP-ng
- XenServer
- VergeIO
- Platform9
- Red Hat OpenShift Virtualization

APPS

- Microsoft
- Oracle
- SAP HANA
- PostgreSQL
- IBM Db2
- MySQL
- MongoDB
- Epic EHR
- SAP MaxDB

CLOUD

- AWS
- Azure
- Google Cloud
- IBM Cloud
- Microsoft Entra ID

PHYSICAL

- Windows
- Linux
- macOS
- AIX
- Solaris

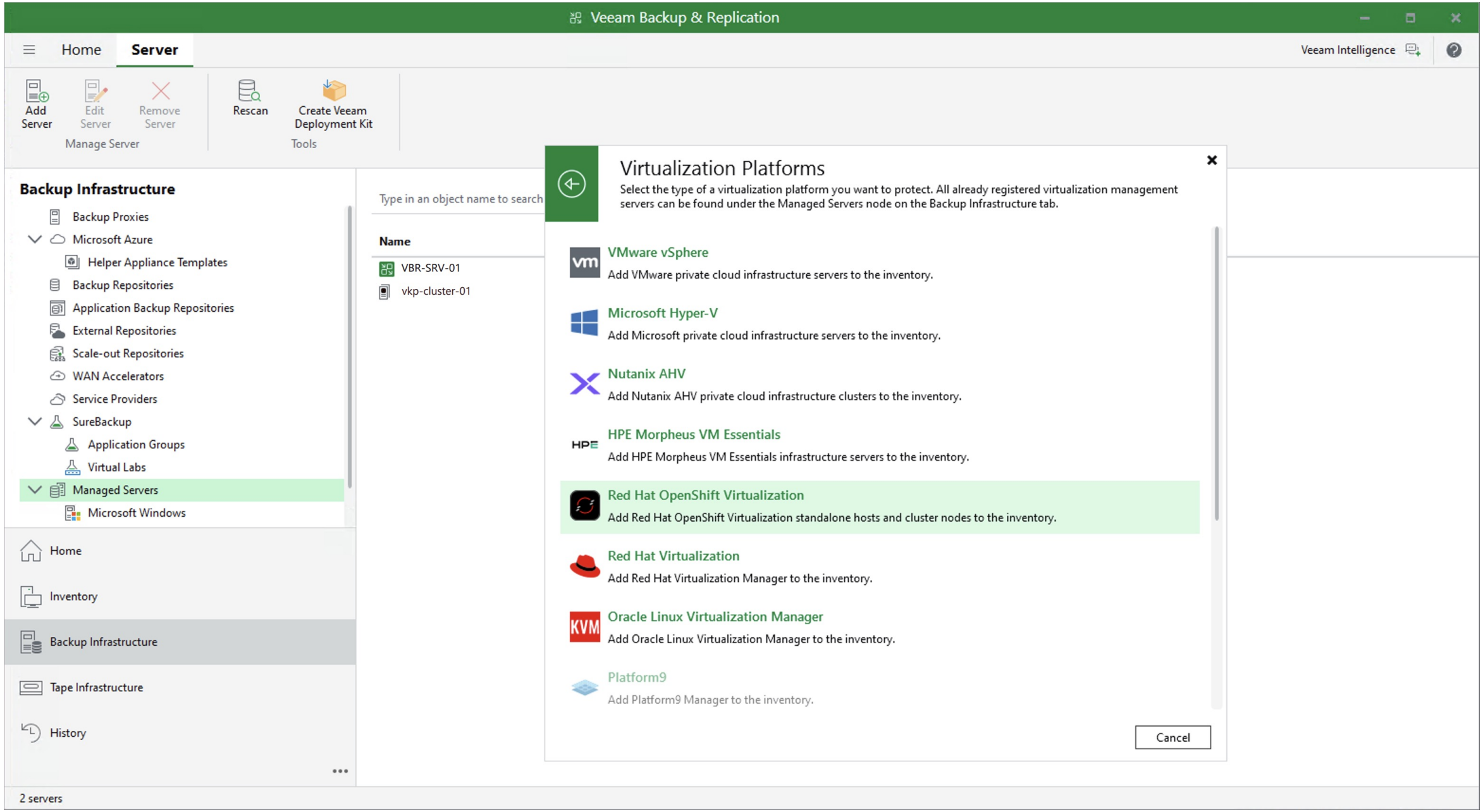
UNSTRUCTURED DATA

- NAS
- File Share
- Object Storage

VEEAM DATA CLOUD VAULT

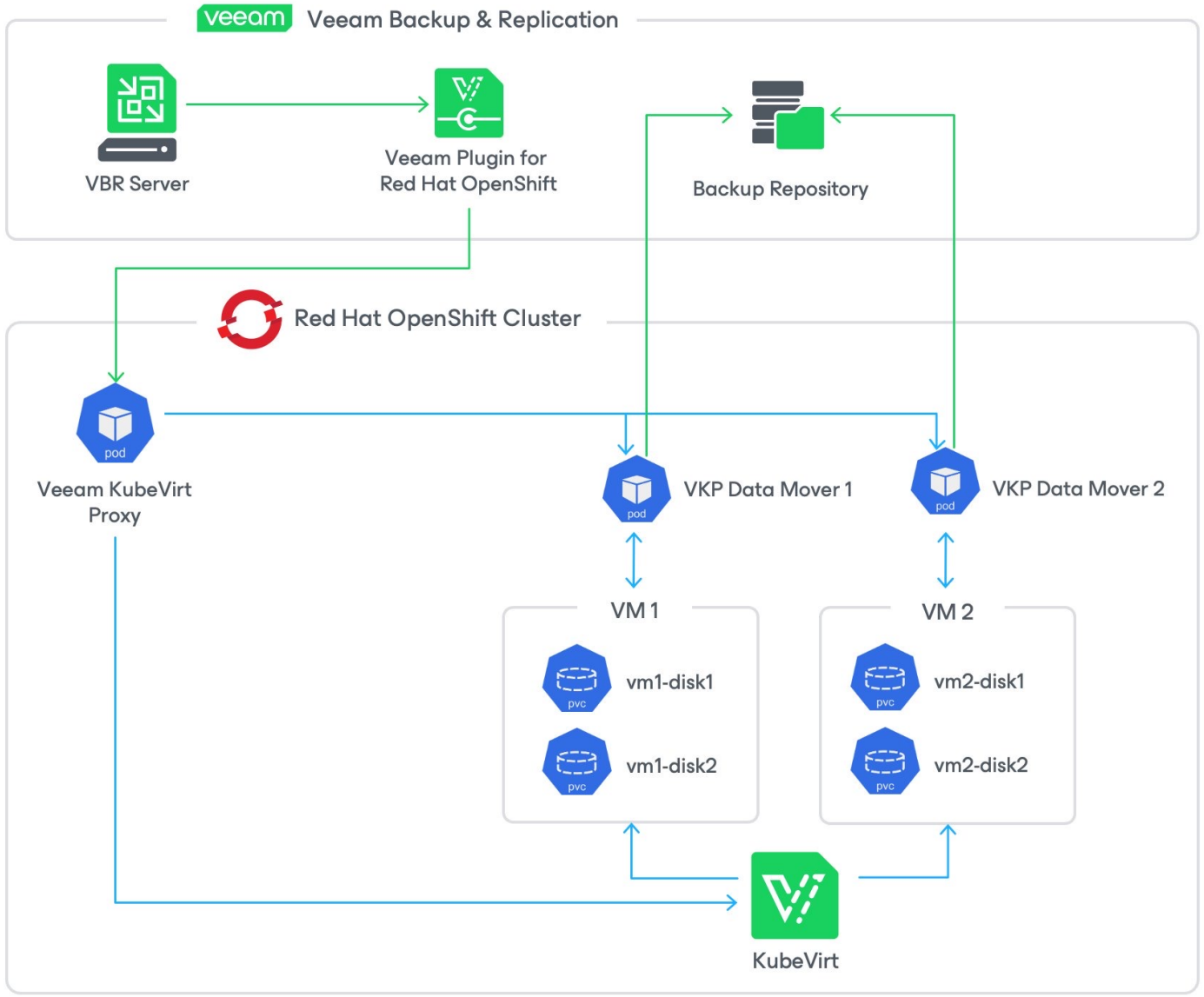
Secure, Immutable Cloud Storage

VBR-Native OpenShift Protection



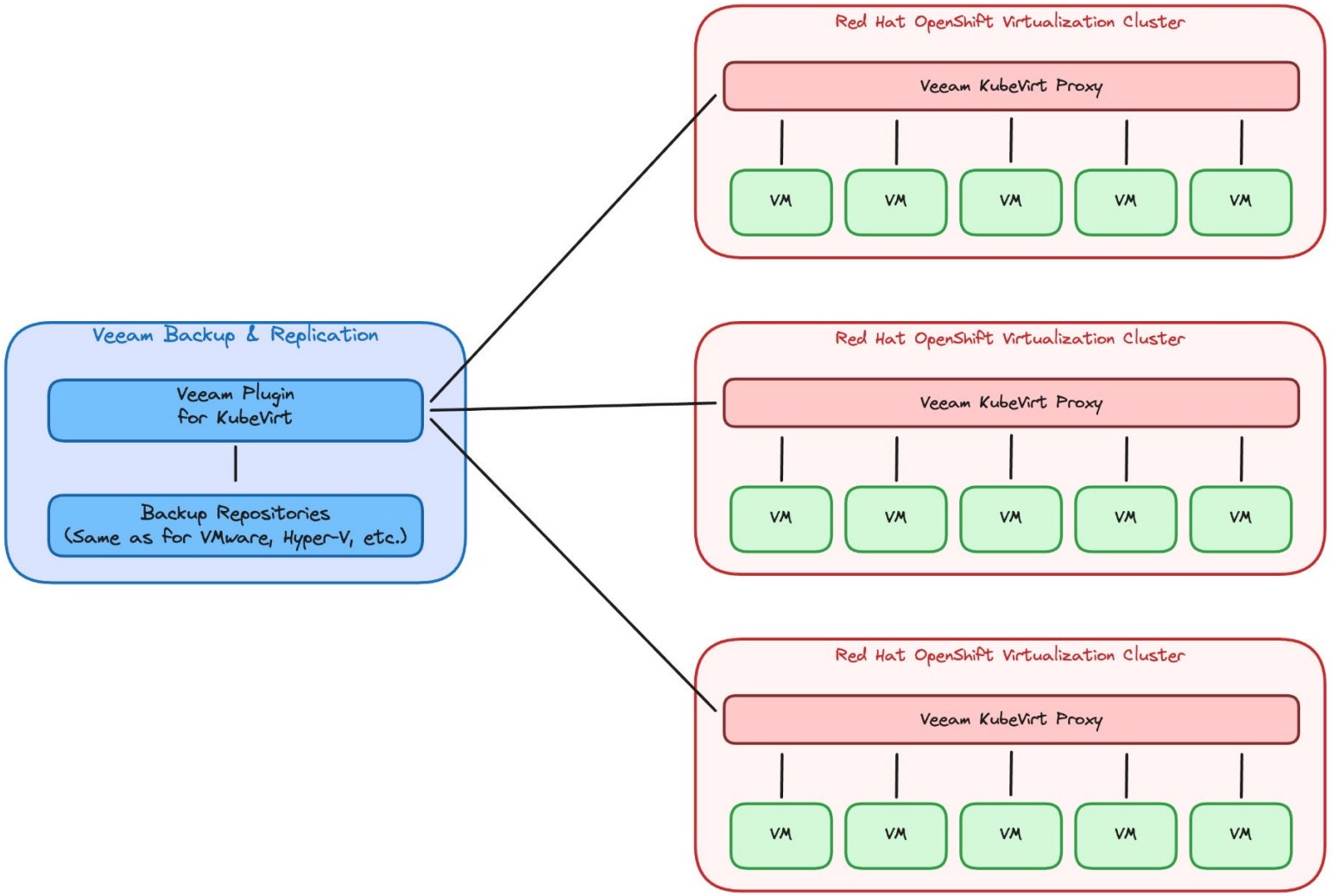
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Architecture



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Deployment



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Current Features

BACKUP

- Backup jobs managed via VBR Console
- Support for all VBR repo types (including direct-to-object)
- Active full, incremental, and synthetic full backups
- **Cross-hypervisor backup & restore**
- Archive to tape
- **Veeam Service Provider Console integration**

RECOVERY

- Restore entire VM to original location
- Restore entire VM with different settings (Cluster, Namespace, StorageClass, Networks)
- File-Level Recovery
- Instant Recovery from OpenShift to VMware and Hyper-V

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Veeam Kasten for

CONTAINERIZED VMs

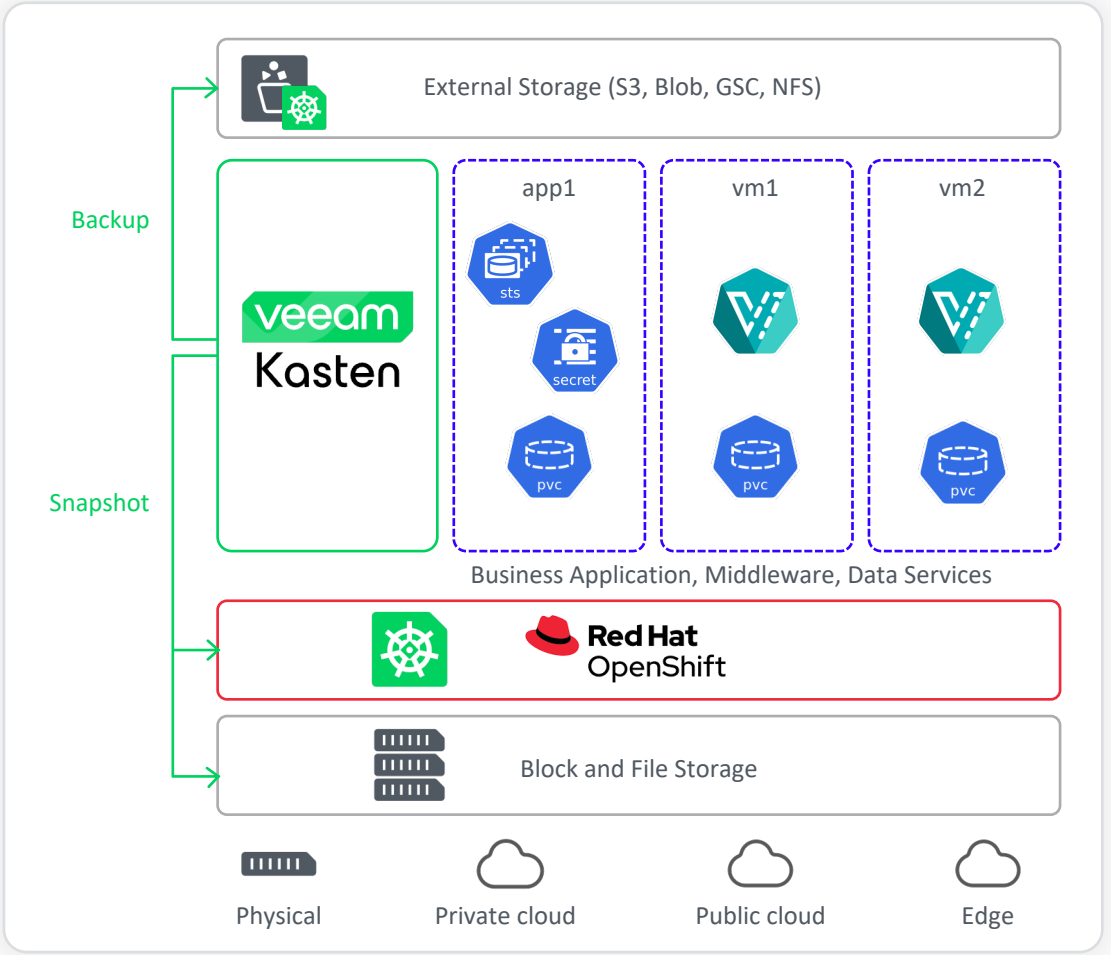
Delivering modern enterprise virtualization

VM WORKLOADS MANAGED AND PROTECTED WITH

RED HAT OPENSHIFT VIRTUALIZATION ENGINE AND VEEAM KASTEN FOR CONTAINERIZED VMS

Veeam now has two Veeam Kasten offerings:

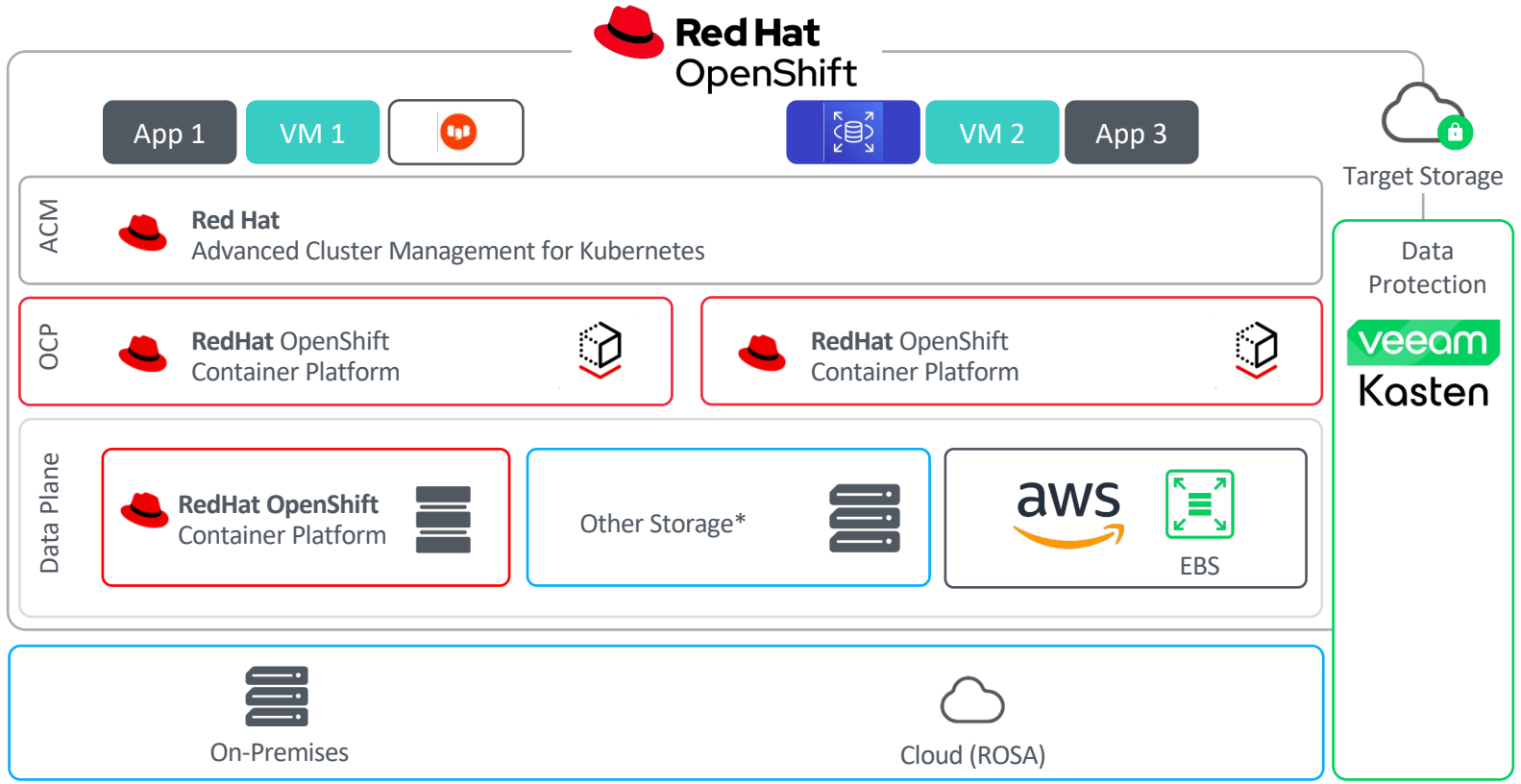
- **Veeam Kasten for Kubernetes:** Protects all applications and data including VMs and containerized applications in OpenShift (or any Kubernetes distribution).
- **Veeam Kasten for Containerized VMs:** Protect only **VMs** in OpenShift or any Kubernetes distribution that supports KubeVirt (i.e. OpenShift or SUSE Virtualization).



VEEAM KASTEN: HIGH-LEVEL ARCHITECTURE FOR OPENSHIFT VIRT

Simplified approach, fewer components, lower risk

- Enterprise features
- Slimmed-down stack
  - Easier install
  - Fewer management consoles
  - Fewer support tickets to open
- Same platform and tooling for VM and containerized workloads
- Freedom of choice
- Hybrid- and multi-cloud support
- Less overall cost
- Ransomware protection



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KASTEN: 5-TIME LEADER AND OUTPERFORMER

RANSOMWARE PROTECTION

SECURITY-FIRST ARCHITECTURE

CLOUD-NATIVE MOBILITY

* Any storage that supports the CSI standard and supports block mode PVCs, RWX, and volumesnapshot capabilities

MODERN VIRTUALIZATION PROTECTION WITH VEEAM KASTEN

BACKUP AND RESTORE

DISASTER RECOVERY

APPLICATION MOBILITY

RANSOMWARE PROTECTION



SECURITY AND COMPLIANCE

Meeting the highest standards for data protection

- NIST FIPS 140-3 compliance
- Immutable backups
- Red Hat ACS, ACM, and various SIEM Integrations



FREEDOM OF CHOICE

Like OpenShift, Veeam Kasten empowers users

- Choose your Infrastructure: Storage, HW platforms, cloud providers
- Leverage your data services with Veeam Kasten Blueprints
- Choose your deployment model: On-premises, hybrid cloud, multi-cloud, edge, or air-gapped

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PERFORMANCE AND SCALE

Performant protection for VMs and containers

- Changed Block Tracking (CBT)
- Quick DR for incremental backups
- Multi-cluster and large-scale application volume protection



BUSINESS BENEFIT

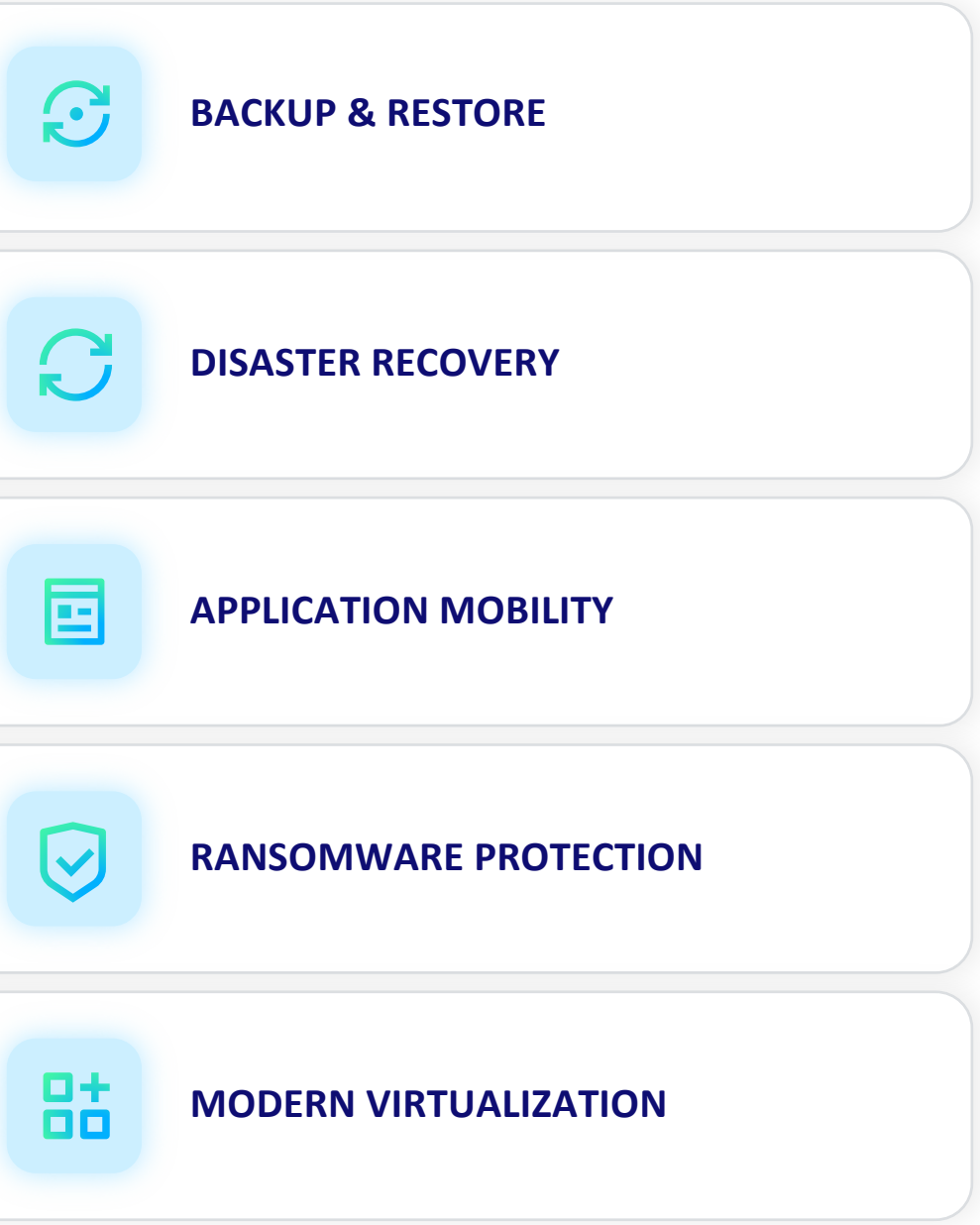
Optimized business operations

- **Business continuity: P**rotect against malicious attacks, data corruption, or infrastructure failure
- **Security:** Secure supply chain and data encryption
- **Cost savings:** Repurpose existing VM infrastructure, features lower TCO

Veeam Kasten *for Kubernetes*

VEEAM KASTEN

Veeam's mission is: “To tackle Day 2 data protection challenges on behalf of enterprises so that they can confidently run their applications on Kubernetes.”





VEEAM KASTEN

Enterprise-grade data protection for modern container, Kubevirt VM, and AI workloads.

UNIFIED DATA PROTECTION

- Native protection for Kubernetes apps, OpenShift KubeVirt VMs, and AI workloads.
- The use of one data protection tool across VMs, AI workloads, and containers helps reduce complexity and cost.

SECURE, AUTOMATED OPERATIONS

- Immutable, encrypted backups with role-based access control (RBAC) and automation.
- Centralized, consistent security and compliance across workloads.

ACCELERATED MODERNIZATION

- Built-in, agile application mobility and recovery across hybrid/multi-clouds to help you adapt quickly to new infrastructure or cloud strategies.
- Migrate and protect at your pace without disruption.

APPLICATION-CENTRIC RECOVERY

- Automatically discover and protect your Kubernetes applications and data inventories.

Veeam Kasten

Kubernetes Data Protection Ecosystem

Applications


Amazon RDS


MongoDB


PostgreSQL


K8ssandra


Kanister


EDB

Cassandra


SQL Server


MySQL


Elasticsearch


Kafka


KubeVirt

Kubernetes Distributions


EKS


AKS


GKE


Digital Ocean


Kubernetes


K3s


NKE


OpenShift


OKE


VMware Tanzu


SUSE Rancher

Kubernetes Virtualization


OpenShift Virtualization


SUSE Virtualization

Storage Infrastructure


AWS


Azure


GCP


Ceph


CSI


Cisco


Dell Technologies


HPE


Infinidat


MinIO


Hitachi


OCI


Quantum


Lenovo


Zadara

NetApp

Pure Storage

Vast

Veeam Data Platform

Veeam Vault

BlackBlaze

Scality ARTESCA

Scality RING

Wasabi

Security Services

AWS

Azure

Kyverno

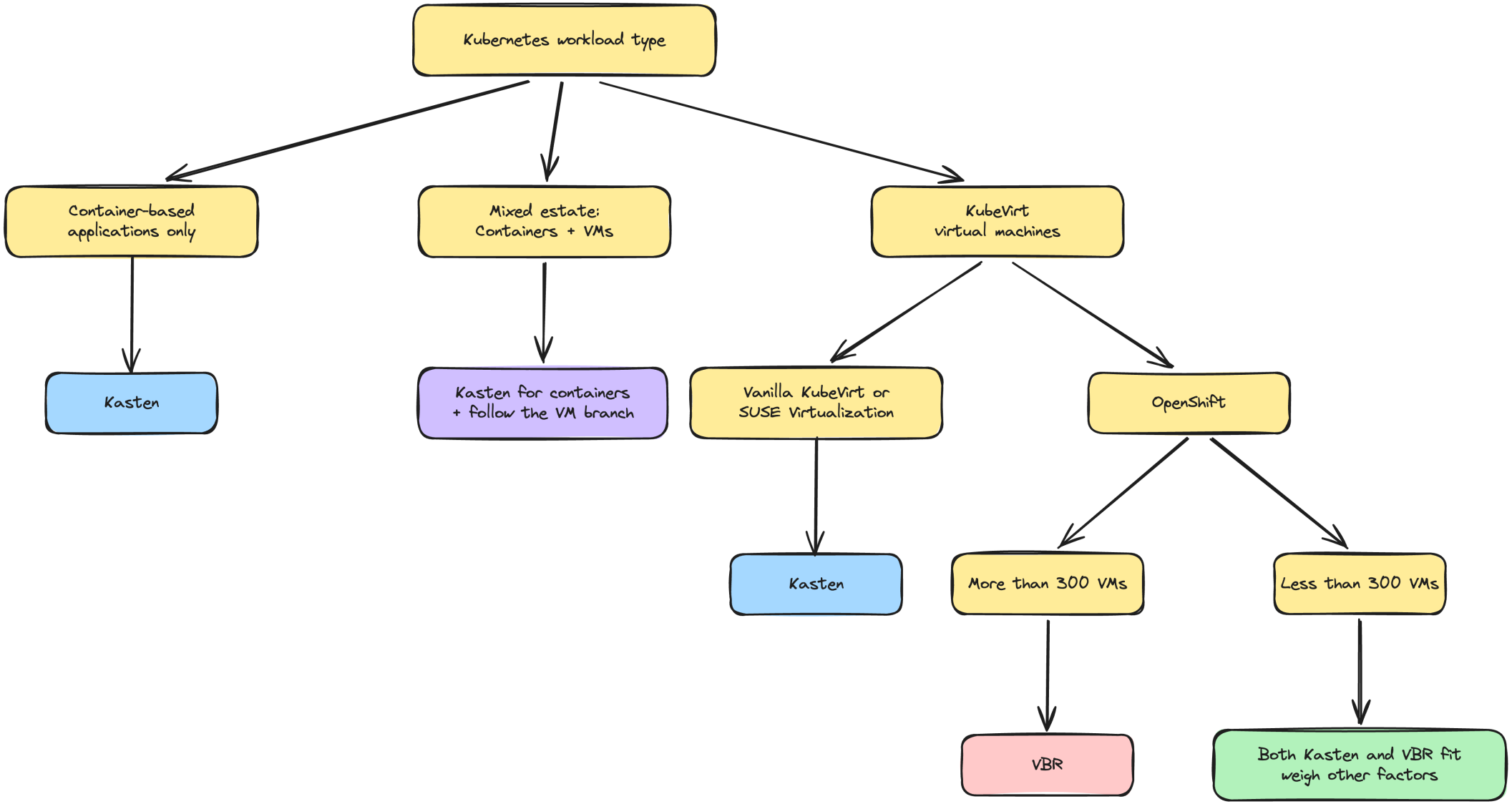
OPA

Red Hat

HashiCorp Vault

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Wrap Up - When to lead with VBR vs. Kasten ☺



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LEARN MORE

CALL TO ACTION

Access the Red Hat partner page

Reach out to a Veeam Kasten sales specialist for a live demo!



THANK YOU!