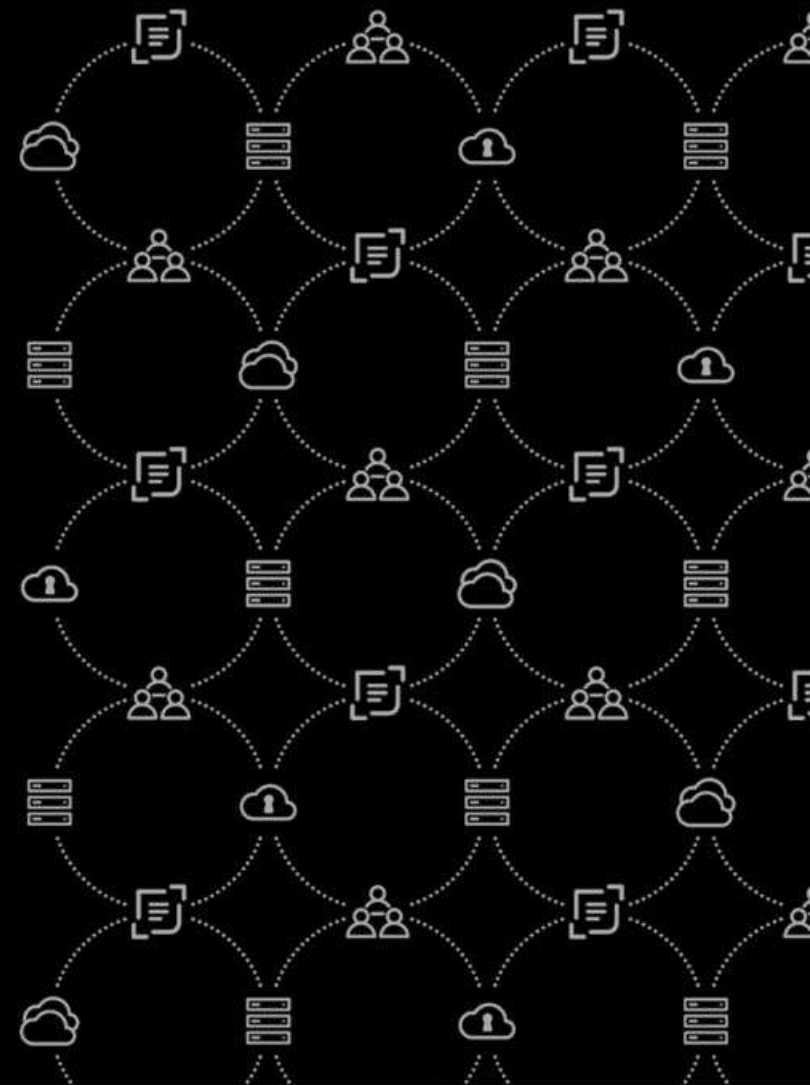


Welcome!

Agnes Fabok
CEE General Manager
Red Hat

Stanisław Leszczyński
SEE Sales Manager
Red Hat

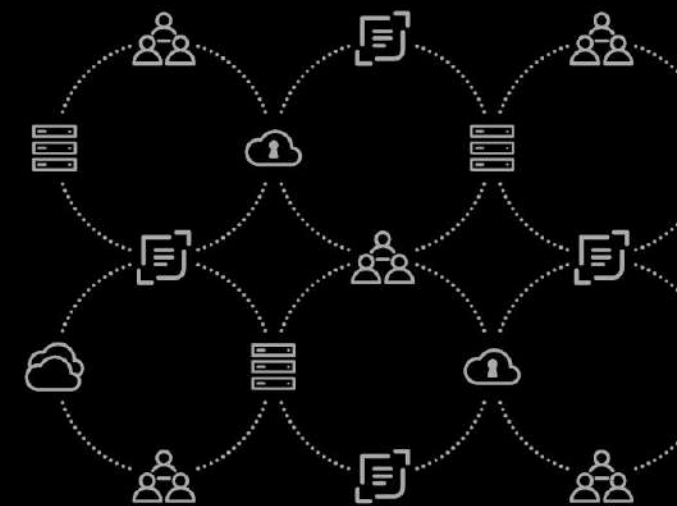
CONFIDENTIAL designator



Agenda

CONFIDENTIAL designator

09:40 - 10:20	OpenShift Virtualization Engine - simple way to migrate your virtual Infrastructure <i>Andrzej Kowalczyk, Associate Principal Solution Architect, Red Hat</i>
10:20 - 11:00	RHEL AI overview and opportunities <i>Lea Vass Boros, Technical Sales, Inter-Computer</i>
11:00 - 11:30	Coffee Break
11:30 - 12:15	Starting your AI journey with Openshift on Hybrid Cloud <i>Yury Titov, Senior EMEA Black Belt For Managed Cloud Services, Red Hat</i>
12:15 - 13:00	Ansible - the power to automate everything <i>Artur Pająk, Senior Solution Architect, Red Hat (+ Showcase dvloper IO)</i>
13:00 - 14:00	Lunch
14:00 - 17:00	OpenShift AI Unleashed: hands-on on Cloud Lab <i>Yury Titov, Senior EMEA Black Belt For Managed Cloud Services, Red Hat</i> <i>Martin Seman, Senior EMEA Black Belt Managed Cloud Services, Red Hat</i>



Red Hat Team

Supporting you in Romania

Martin Rauser

Cezary Jankowski

Corporate Accounts

Andrzej Kowalczyk

Artur Pajak

Jaroslav Stakun

Solution Architects

Tomislav Juraga

Yuriy Besaga

Partners Development

Anna Szymanska

Marketing

Save the date: October 7–8, 2025

Come join us in Opatija, Croatia for
Red Hat Summit Connect

Stay tuned for registration updates on social media & emails

Thank you

Red Hat is the world's leading provider of enterprise open source software solutions.

Award-winning support, training, and consulting services make

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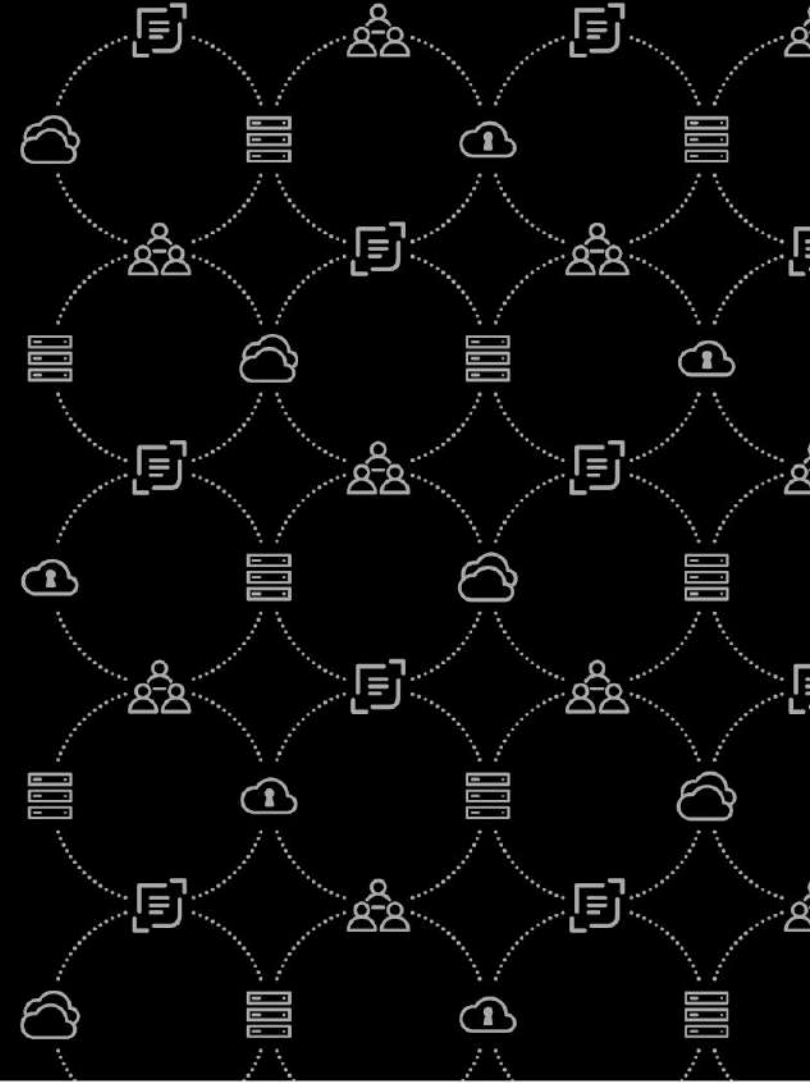


OpenShift Virtualization Engine

simple way to migrate your infrastructure

Andrzej Kowalczyk

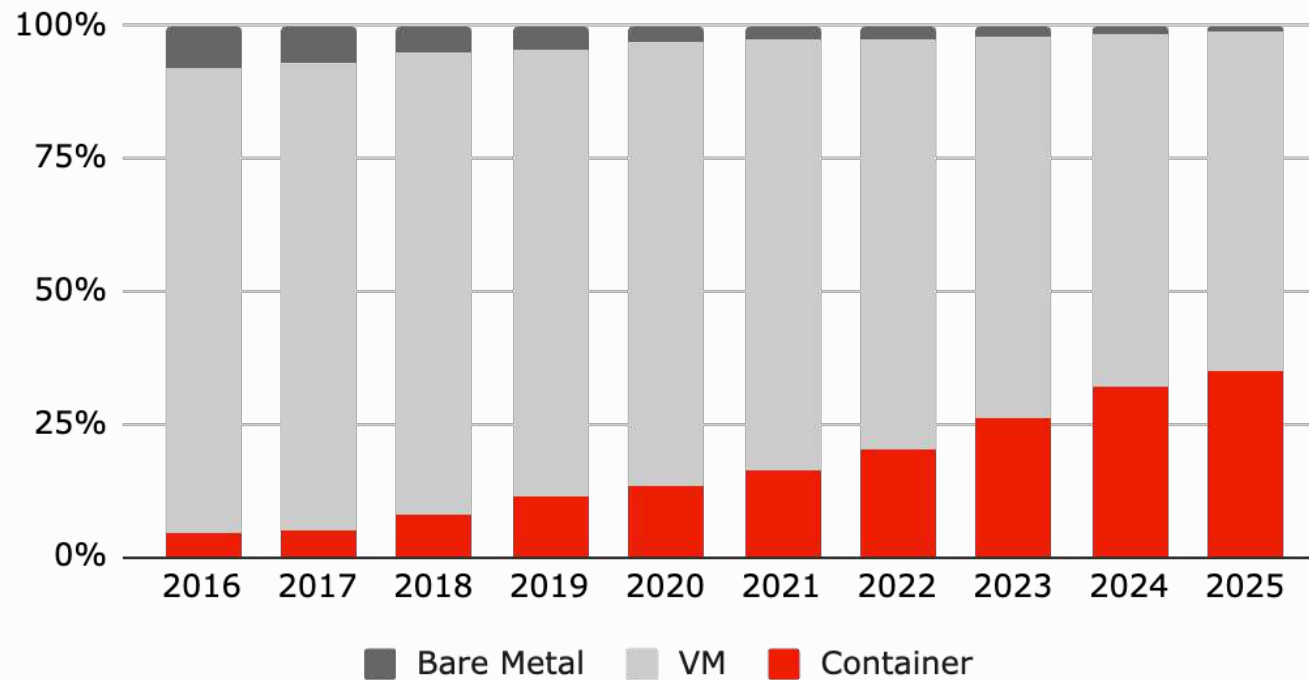
Associate Principal Solution Architect



Industry Context for Virtualization Migration

Companies need to preserve their existing VM workloads while preparing for the future

Composition of Application Infrastructure 2016-2025

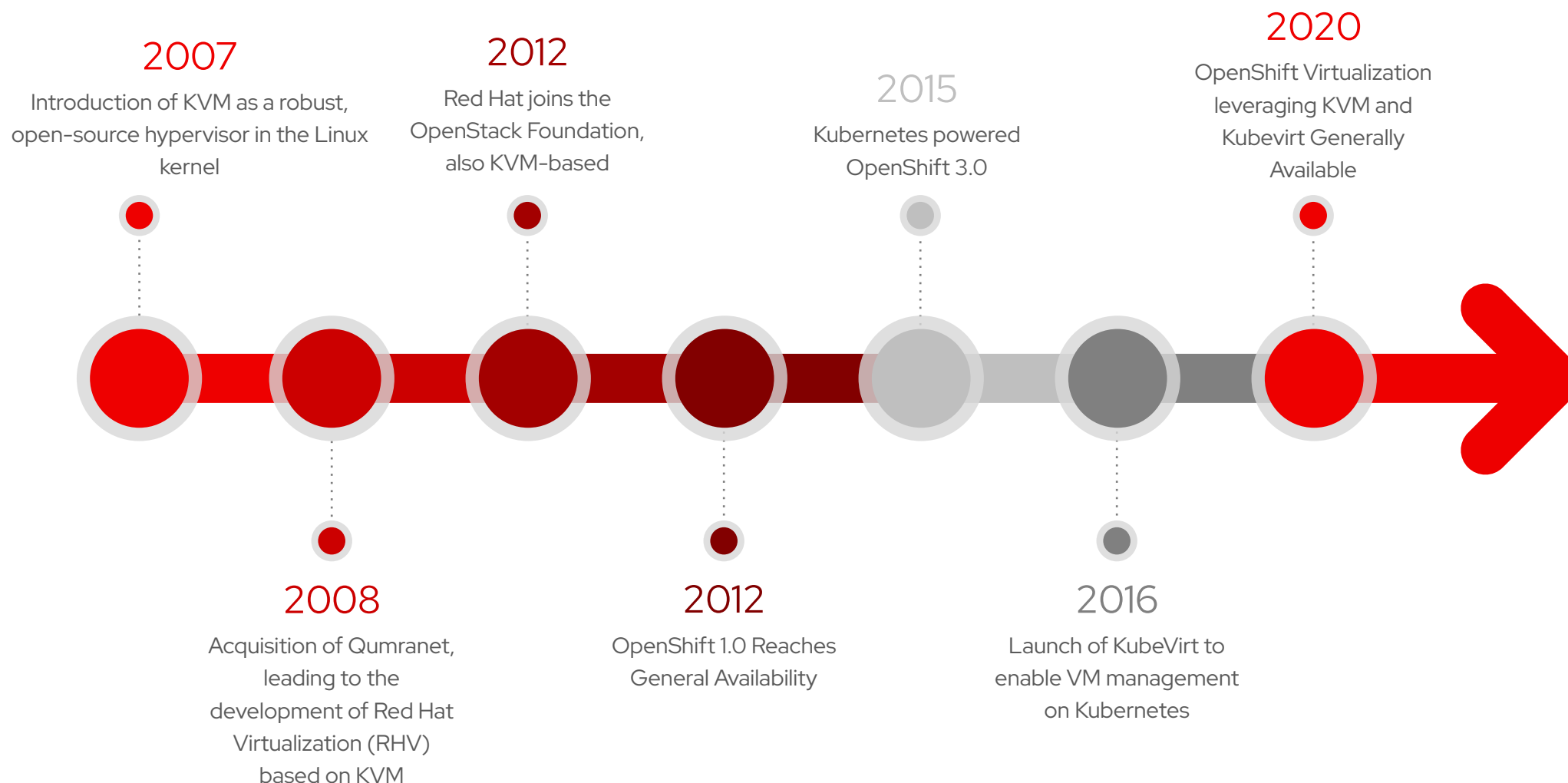


Organizations invested in VMware when most workloads were running on VMs. While VMs are still, and will continue to be, an important part of application infrastructure, the industry is moving towards containerization.

Market developments have created a compelling event for companies to get ahead of this trend and adopt a flexible, future-focused solution that solves their near-term virtualization requirements.

IDC Container Infrastructure Software Market Assessment: Container Deployment Forecast (IDC #US4867072)

Red Hat has a long history with Virtualization



OpenShift Virtualization

Modernize workloads and support mixed applications

Start bringing VMs to OpenShift now

Support Linux and Windows apps and services in OpenShift as virtual machines with native Kubernetes tools and the security of the Red Hat platform

Deliver mixed applications on one platform

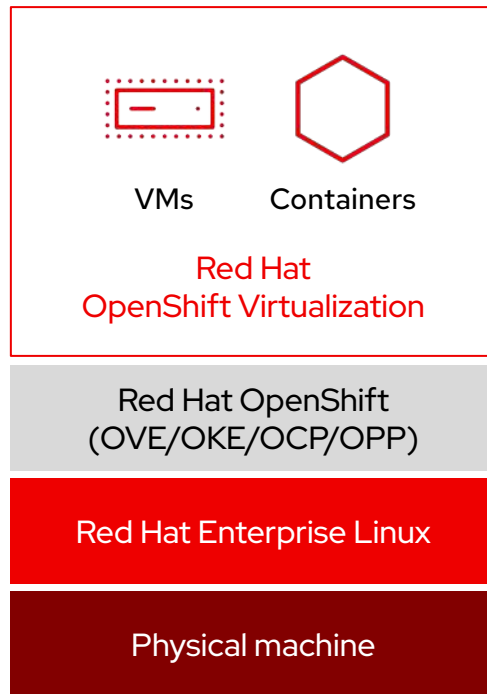
Add VM-based services such as databases to new and existing applications consisting of VMs, containers, and serverless

Modernize VMs to containers over time, or not

Refactor VMs to containerized services, or maintain as VMs. Your choice.

Red Hat OpenShift Virtualization

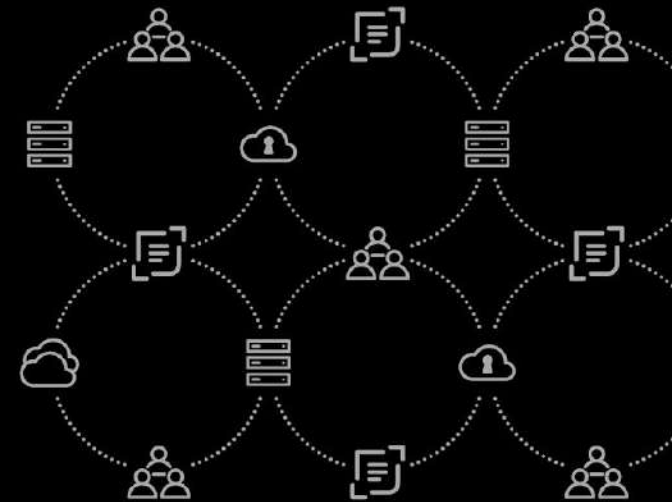
The modern option for general purpose virtualization



- ▶ **Unified platform**
for virtual machines and containers*
- ▶ **Consistent management**
tools, interfaces, and APIs incl. ACM and AAP integrations
- ▶ **Performance and stability**
of Linux, KVM, and qemu
- ▶ **Healthy open source community**
the KubeVirt project is a top 10 CNCF active project, with 200+ contributing companies
- ▶ **Diverse ecosystem**
of Red Hat & partner operators
- ▶ **Included feature**
of all OpenShift subscriptions (OVE/OKE/OCP/OPP)
- ▶ **Includes Red Hat Enterprise Linux**
guest entitlements*
- ▶ **Supports Microsoft Windows**
guests through Microsoft SVVP
- ▶ **Inbound guest migration**
using Ansible Automation Platform + Migration Toolkit for Virtualization, Training and Consulting
- ▶ **Virt admin focused training**
[DO316](#), [EX316](#)

*excluding OVE which is virtual machines only and includes no RHEL guest entitlements

Migrate your traditional virtual machines



What we hear from customers ...



"I want to modernize"

- Wants to modernize to containers, but also run **VMs in a more modern way**
- Stand up a **secondary** virtualization platform for new workloads
- Legacy and next-gen virtualization platforms **co-exist**



"I want to migrate"

- **Migrate** off their current traditional virtualization platform completely, as quickly and as safely as possible
- **Modernization is subordinate to migration**; containers and Kubernetes are implementation details
- Willing to take **calculated risk** with their production workloads

Solve Near-Term Challenges, Invest in Long-Term Value

Efficiently migrate VMs now to reduce operating costs and unlock additional value in the future




MAINTAIN

vSphere Foundation
Stay as-is

-  Slow evolution
-  Increasing costs
-  Low developer productivity




MIGRATE

OpenShift Virtualization Engine
Replace VMware
Utilize Automation and Services

-  Dedicated VM management
-  Reduce operating cost
-  Increase IT efficiency and reliability

MODERNIZE

OpenShift
Application Modernization
Automation for Day 2 Ops

-  Integrate containers and VMs
-  Faster time to market
-  Higher developer output

OpenShift AI
New applications

-  AI/ML Management
-  Increase revenue
-  Reduce skill sprawl

Bring traditional virtual machines into OpenShift



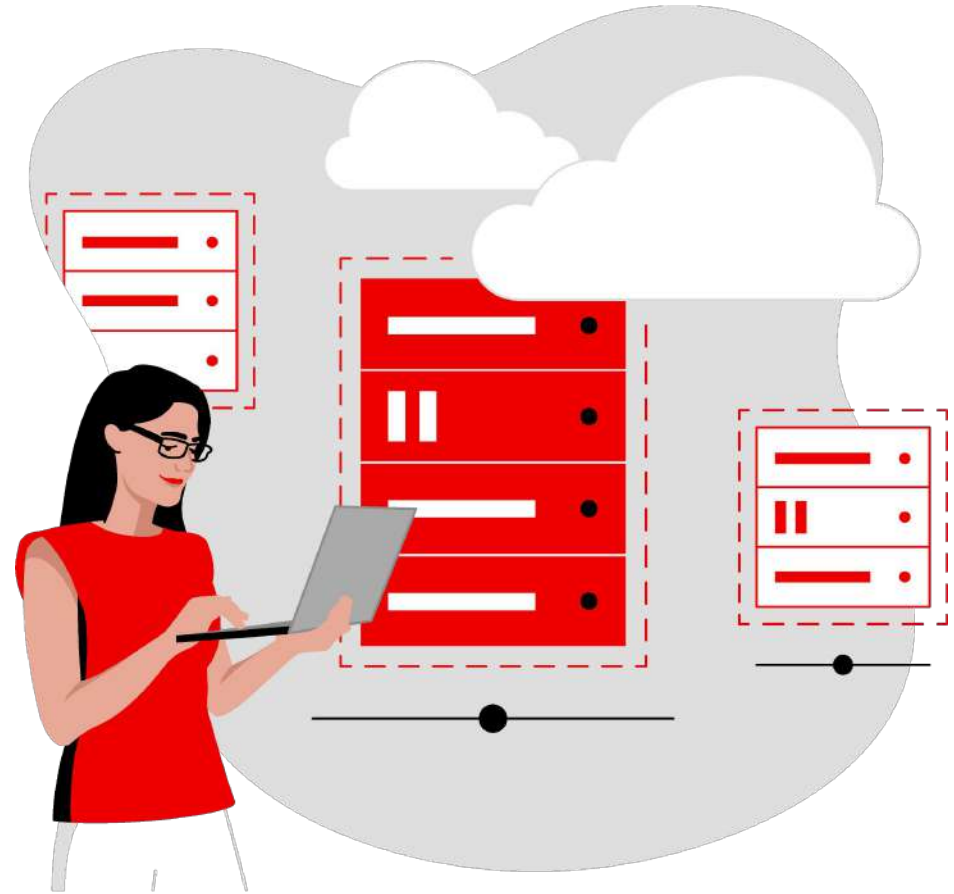
Traditional VM behavior in a modern platform

- ▶ Administrator concepts and actions
- ▶ Network connectivity
- ▶ Live migration



Use existing VM roles and responsibilities

- ▶ Migrate traditional VMs easily with a set of comprehensive tools
- ▶ Maintain application components that are business critical
- ▶ Modernize application workloads and skill sets over time



Options for VMs with Red Hat in the datacenter

Building virtualized environments however our customers want them



A virtualization-only platform that simplifies VM migration and offers a cost-effective alternative for organizations seeking to run and manage VMs



OpenShift Virtualization is functionality found within all OpenShift editions, enabling the management of VMs in a hybrid cloud environment

OpenShift Virtualization Engine

Opening the door to virtualization and modernization



Unlimited VMs

Run as many VMs as you need, maximizing the value of your hardware. Purchase RHEL subscriptions, virtualized OpenShift for container-based applications, or upgrade to other bare metal OpenShift editions if needed.

128 core bare metal scale

Get bare metal scale with 128 cores per subscription – run more VMs on less hardware, optimizing your infrastructure efficiency.

Optional Advanced Cluster Management for Virtualization

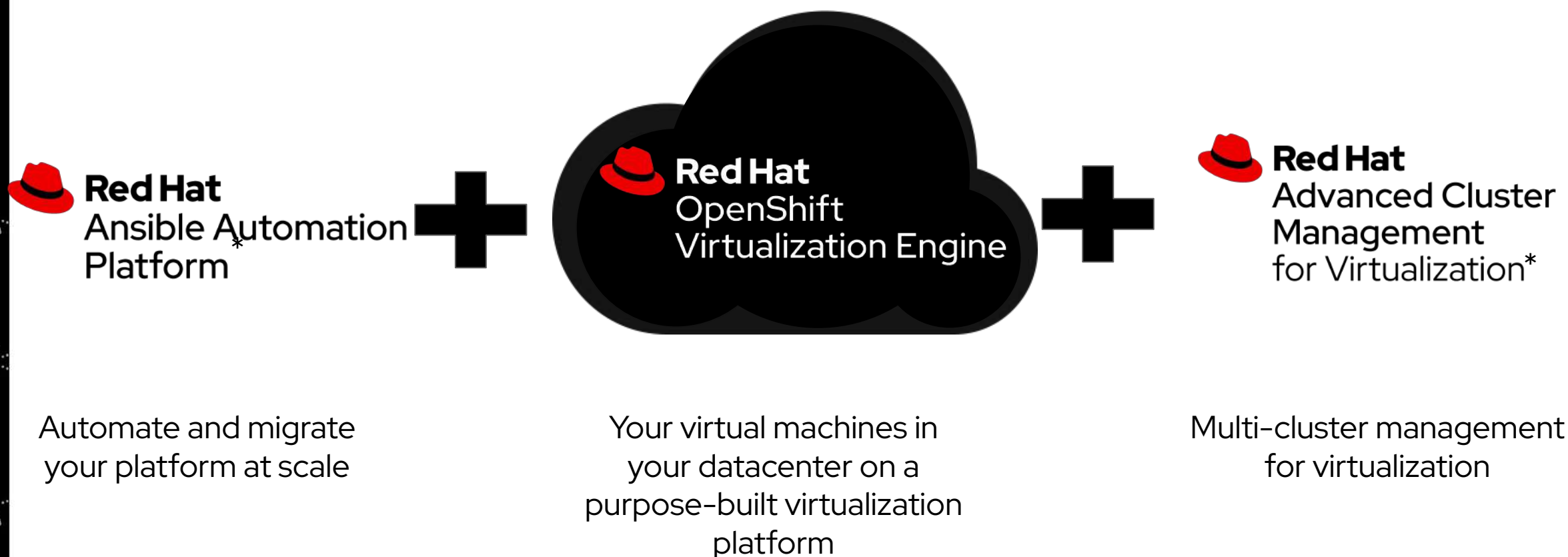
Scale as big as you can; add Advanced Cluster Management for Virtualization to make management of thousands of nodes as easy as managing a single rack.

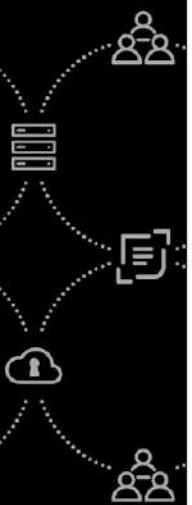
Workload monitoring and platform logging


Keep tabs on and track your environment with a preconfigured, preinstalled, and self-updating stack then stay in command with the included OpenShift GitOps operator to leverage Kubernetes-powered orchestration for VMs.

A holistic solution for Red Hat in your datacenter

Build your virtualized environment, your way





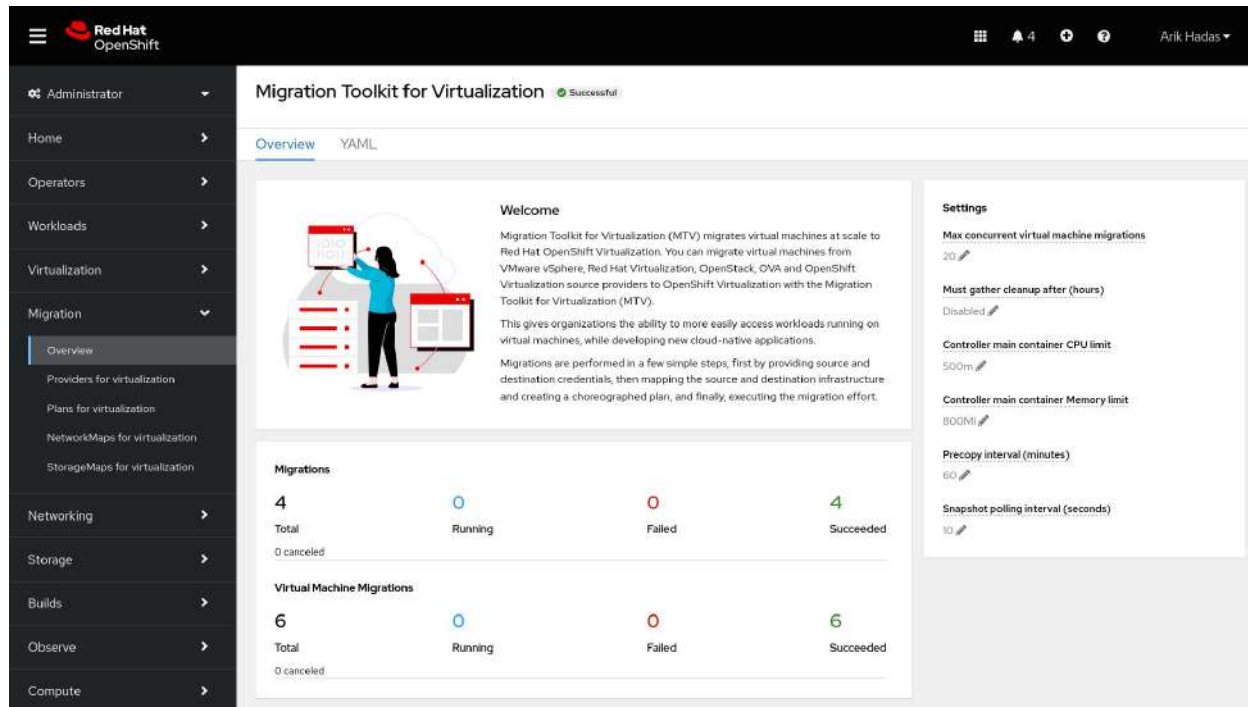
	 Red Hat OpenShift Virtualization Engine	 Red Hat OpenShift Kubernetes Engine	 Red Hat OpenShift Container Platform	 Red Hat OpenShift Platform Plus
Enterprise Secured Kubernetes	✓	✓	✓	✓
Hosted control planes	✓	✓	✓	✓
Operator Lifecycle Manager	✓	✓	✓	✓
Compliance & File Integrity Operators	✓	✓	✓	✓
Virtual machine-based workload hosting	✓	✓	✓	✓
Container-based infra workload hosting	✓	✓	✓	✓
User Workload Monitoring	✓*	✓*	✓	✓
Platform Logging	✓*	✓*	✓	✓
OpenShift GitOps	✓*	✓*	✓	✓
Metering and Cost Management SaaS Service	✓	✓	✓	✓
Container-based user application hosting		✓	✓	✓
RHEL guest and hosted virtual OpenShift subscriptions included		✓	✓	✓
Runtimes, Build Tools, and IDE			✓	✓
CI/CD Pipelines			✓	✓
Serverless			✓	✓
Service Mesh			✓	✓
Tracing			✓	✓
Multi-cluster complete management with Red Hat Advanced Cluster Management				✓
Kubernetes-native security with Red Hat Advanced Cluster Security				✓
Scalable, central registry with Red Hat Quay				✓
Persistent software-defined storage & essential data services with OpenShift Data Foundation Essentials				✓

*VMs only. [Learn more.](#)

OpenTalks

Migrating VM-based applications with minimal disruption

 **Migration toolkit for virtualization (MTV)** included with OpenShift



Red Hat OpenShift

Administrator

Home

Operators

Workloads

Virtualization

Migration

Overview

Providers for virtualization

Plans for virtualization

NetworkMaps for virtualization

StorageMaps for virtualization

Networking

Storage

Builds

Observe

Compute

Migration Toolkit for Virtualization Successful

Overview YAML

Welcome

Migration Toolkit for Virtualization (MTV) migrates virtual machines at scale to Red Hat OpenShift Virtualization. You can migrate virtual machines from VMware vSphere, Red Hat Virtualization, OpenStack, OVA and OpenShift Virtualization source providers to OpenShift Virtualization with the Migration Toolkit for Virtualization (MTV).

This gives organizations the ability to more easily access workloads running on virtual machines, while developing new cloud-native applications.

Migrations are performed in a few simple steps, first by providing source and destination credentials, then mapping the source and destination infrastructure and creating a choreographed plan, and finally, executing the migration effort.

Settings

Max concurrent virtual machine migrations
20

Must gather cleanup after (hours)
Disabled

Controller main container CPU limit
500m

Controller main container Memory limit
800Mi

Precopy interval (minutes)
60

Snapshot polling interval (seconds)
10

Migrations

4	0	0	4
Total	Running	Failed	Succeeded
0 canceled			

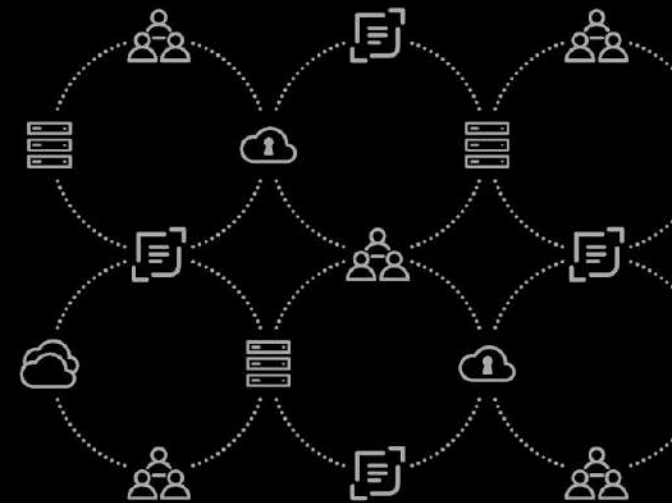
Virtual Machine Migrations

6	0	0	6
Total	Running	Failed	Succeeded
0 canceled			

Easy migration of virtual machines

- Migrate virtual machines to OpenShift Virtualization in a few simple steps
- Provide source and destination credentials, map infrastructure, and create migration plans

Customer momentum





sahibinden.com

"Red Hat OpenShift is the clear leader in enterprise Kubernetes. And while the virtualization market leaders can run Kubernetes on their virtualized infrastructure, only Red Hat OpenShift can run our whole virtualization environment within its Kubernetes container platform."

Hayri Yalçinkaya
Director of Infrastructure Management,
sahibinden.com

sahibinden.com delivers reliable retail services faster with Red Hat OpenShift

Challenge

Sahibinden.com sought to modernize its IT infrastructure and work approaches to maintain its market-leading position against competition from start-ups and global retailers.

Solution

The company began a three-phase project to migrate its existing virtual machines (VMs) into container workflows with Red Hat® OpenShift®, running in a private cloud environment across its two datacenters.

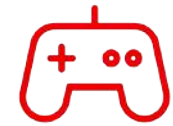
Results

- Decreased system reliability incidents by 97% with active-active datacenter configuration and improved scalability
- Improved DevOps experience with combined VM and container management
- Enhanced talent attraction and retention
- Optimized container adoption with expert support and guidance

Proven performance and scale with KubeVirt



28 million
Users



1500+
Games

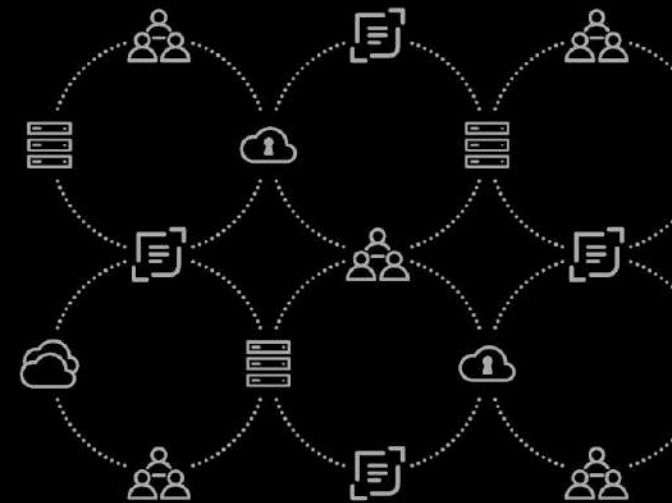


100+
Countries



30+
Data centers

Next steps



Get Hands-On with OpenShift Virtualization



A premier hands-on experience for VM admins

- ▶ Start the day with an overview of OpenShift Virtualization and then dive into a 4-hour lab with modules that cover: **environment review, VM creation and use, customization, management, live migration, networking, storage, migration tool kit, external load balancer, and backup and restore**
- ▶ Events are taking place globally
- ▶ [Sign up in a city near you](#) or ask for a roadshow to be ran at your company.

Virtualization Migration Assessment

Two-week onsite interactive workshop and follow-on report

Want to migrate VMs quickly and safely to a mature platform? Kick off with a Virtualization Migration Assessment for your quickest path to migration

Next Steps →

OpenTalks



1

Gather representatives from your infrastructure, networking and security teams

Experienced Red Hat Architects run a short series of onsite workshops to develop your migration journey

2

Know where you are going and how your going to get there

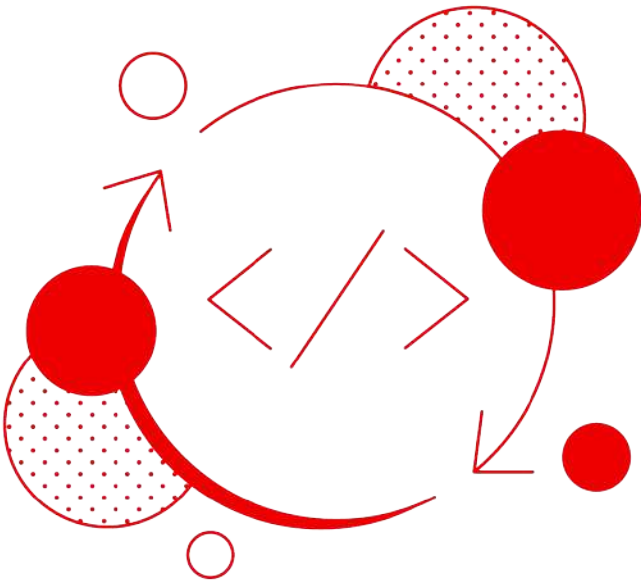
We provide a completed architecture design and prioritized roadmap for integrated migration factory solution

3

We will follow up with a tailored proposal for your complete migration off your current virtualization solution



Key takeaways



OpenTalks



Solution-oriented

providing you with a mature, stable, scalable solution that is easy to get started



Full automation

Including declarative, self-healing, and security



Integration

with a broad ecosystem of partners



Customizable

Part of an application platform that allows you to add features and capabilities while being “batteries included”, but replaceable if necessary



Roadmap to success

Set a strong foundation, develop skills, and build for a modern future platform



Thank you

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