



OpenShift Virtualization TCO Calculator

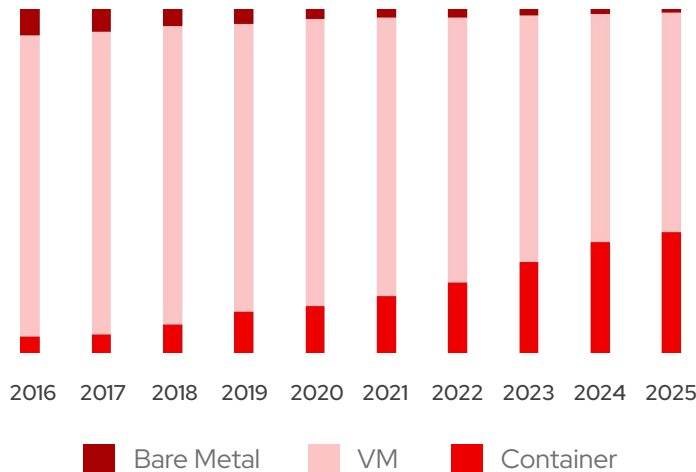
Prepared for **dubai**



Industry context for virtualization migration

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

Composition of Application Infrastructure 2016-2025



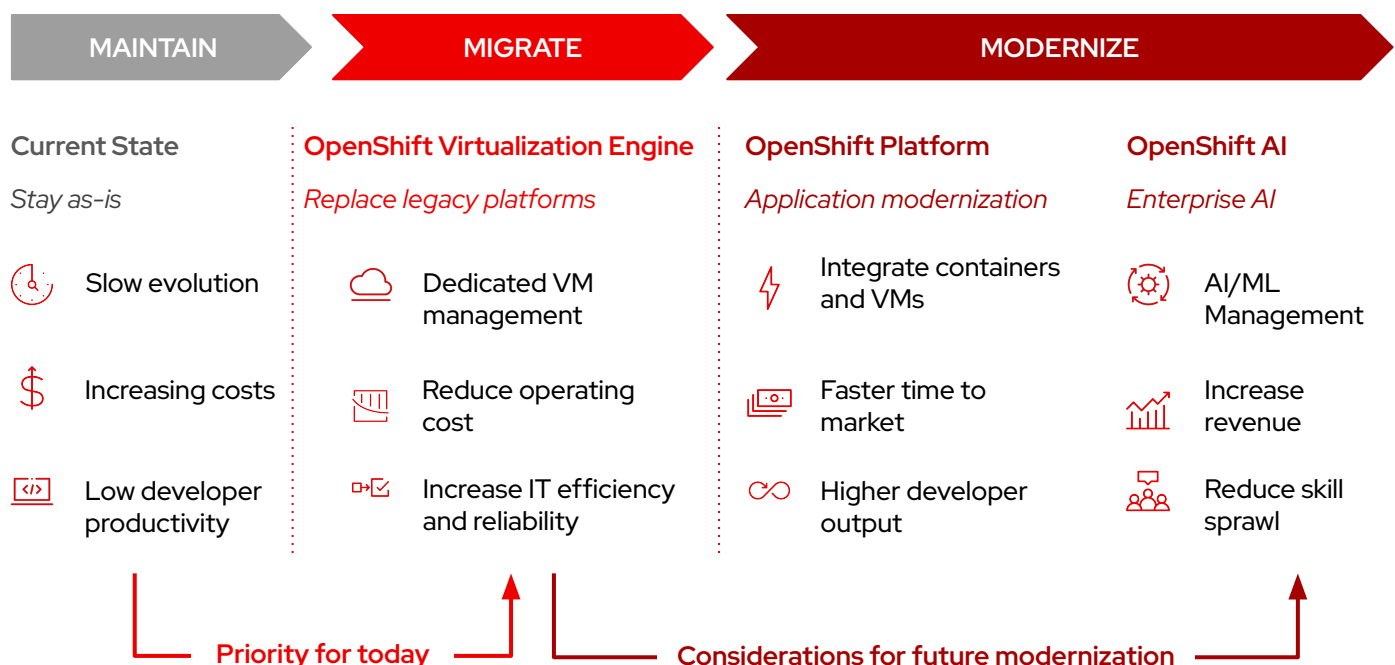
IDC Container Infrastructure Software Market Assessment: Container Deployment Forecast

Many 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 while leaving the door open for future, cloud-native workflows.

Solve near-term challenges, invest in long-term value

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



OpenShift Virtualization

OpenShift, Advanced Cluster Management, and Ansible Automation Platform continue to work with ISV solutions to meet your virtualization requirements

ISV Partners

(storage, backup/DR, networking, etc.)

VM Host Management at Scale

Advanced Cluster Management for Virtualization, Advanced Cluster Management for Kubernetes

Migration and Network Automation, Day 2 Operations

Ansible Automation Platform

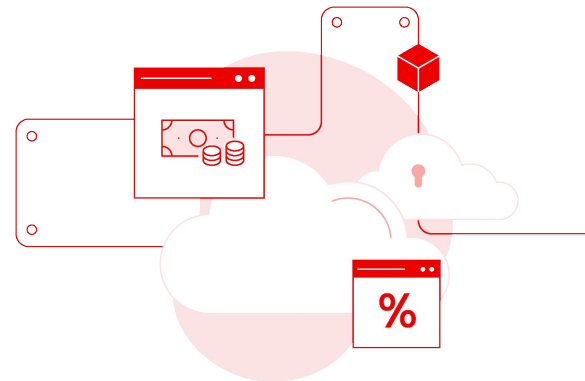
Virtualization Platform

OpenShift (OVE, OKE, OCP, OPP)

Red Hat's broad ecosystem of ISV partners integrates with OpenShift to meet your requirements.

OpenShift Virtualization

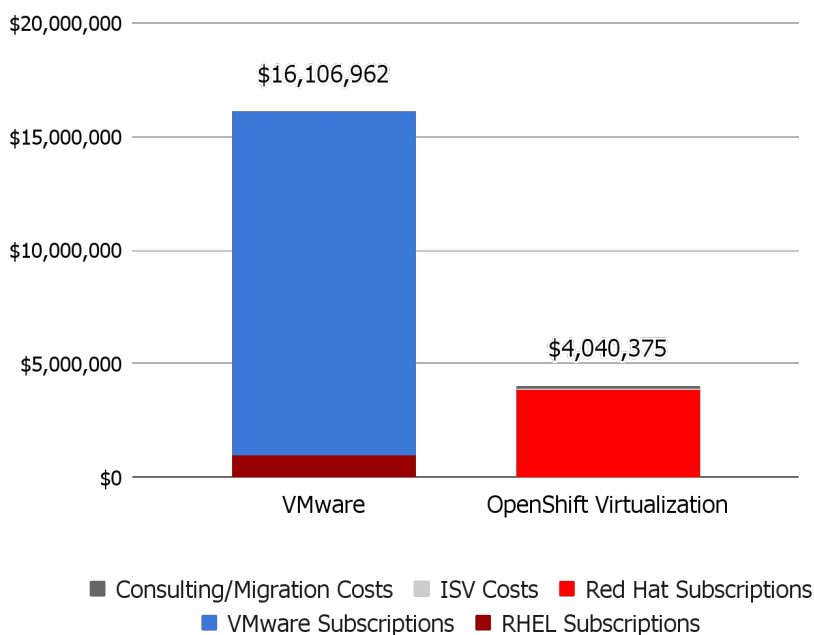
OpenShift Virtualization, Advanced Cluster Management, and Ansible Automation Platform work in concert to meet existing virtualization requirements.



Virtualizing on OpenShift can yield substantial cost savings

dubai can lower its virtualization costs and benefit from a modern application platform

Three-Year Cost Comparison



In addition to virtualization cost savings, **customers who use OpenShift as an application platform** realize powerful operational benefits, which deliver financial returns to the business:

- Less unplanned downtime, **protecting revenue and reputation**
- Faster application development, **accelerating time-to-market**
- Increased IT productivity, **boosting cost efficiency**

NOTE: Prices are estimated based on preliminary analysis. Red Hat account team must be consulted for actual customer pricing and a more detailed analysis.

Appendix

Key Inputs	Values
VMware Solution	VMware Cloud Foundation (VCF)
Number of ESXi host servers	150
# of CPU sockets per server	2
# of cores per socket	64
# of VMs	2000
# RHEL VDC Hosts	60
% VMs with RHEL Server	600
OpenShift Solution	OpenShift Kubernetes Engine (OKE) Bare Metal
Estate consolidation	25%

For more information or to learn more about your results, please contact your Red Hat account team

[Click here to take the quiz again](#)

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