

E-book

Unlock the Benefits of the Cloud without Expensive Refactoring

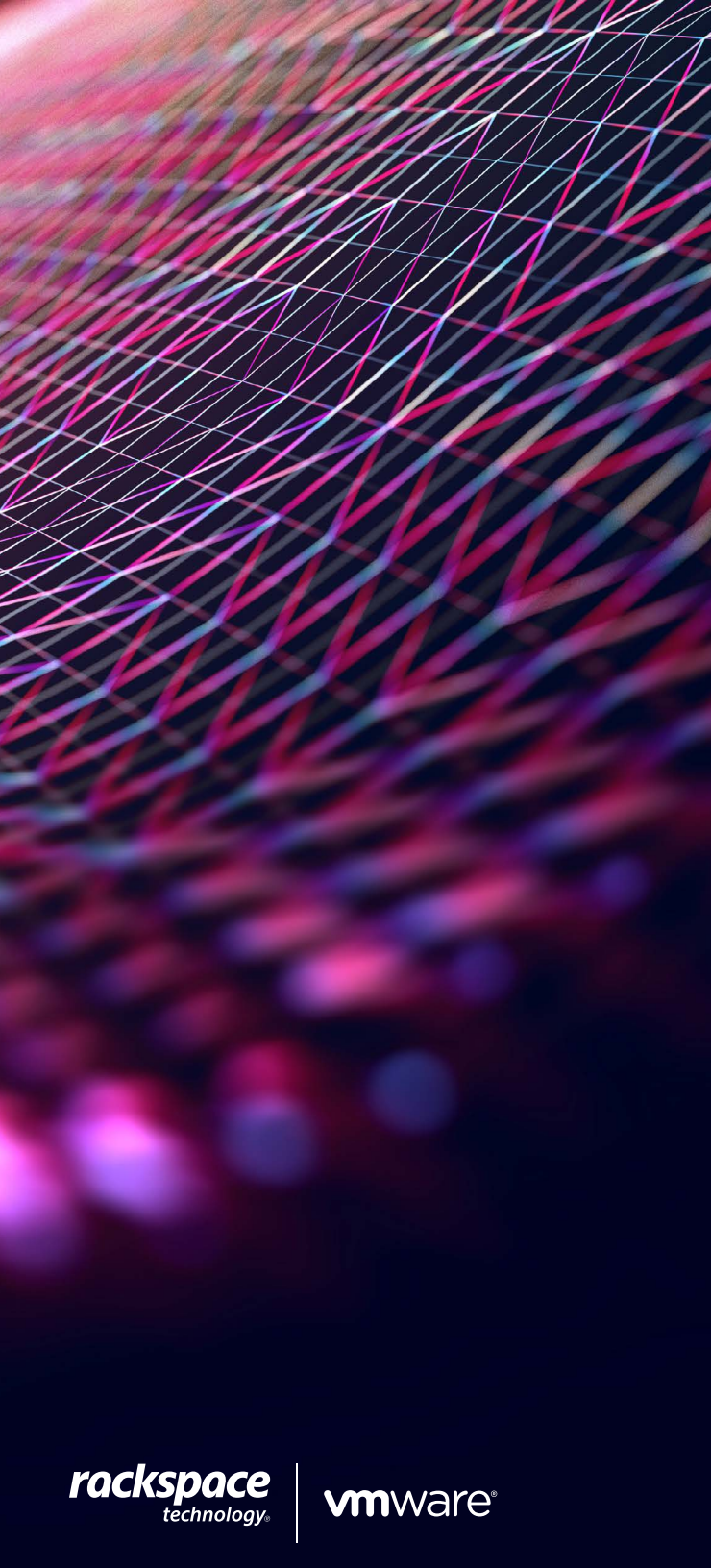
How three VMware-based SDDC solutions enable quick and cost-effective migrations.



rackspace
technology®

vmware®

**Customer First.
Cloud First.**



Introduction

As businesses move toward digital transformation and cloud adoption, they're often challenged to modernize their applications, which keeps them from experiencing the full potential of cloud services. The solution is to refactor applications for use in the cloud. But refactoring can be a difficult and expensive process, especially for organizations with large legacy systems.

So, what's the solution? One viable option for many organizations is the adoption of a VMware-based private cloud solution, which allows you to reap the benefits of the cloud without the time-consuming and expensive process of refactoring your applications.

The challenges associated with refactoring applications

Two of the biggest challenges related to refactoring applications are cost and time. Refactoring an application involves modifying the code to make it compatible with cloud native services. This process can be complex and time-consuming, and it requires a significant investment in additional resources, including developers, infrastructure and testing. Moreover, there is a significant risk of application downtime and the potential data loss during the migration, both of which pose risks to business continuity.

Another challenge of refactoring applications is that it often requires a deeper understanding of the underlying infrastructure and cloud native services than is available in-house. In addition, refactoring may not always be feasible for those legacy applications that are no longer supported by vendors or that require extensive modifications to become cloud-ready.

VMware-based private cloud solutions

One of the top alternatives to application refactoring is the adoption of a VMware-based

private cloud solution. With VMware, businesses have the capability to migrate their current virtual machines (VMs) and containers directly to a managed private cloud environment without the need for code modifications. This approach allows organizations to preserve their existing application stack while accessing the advantages offered by cloud computing, such as scalability, flexibility and cost savings.

A VMware-based private cloud solution provides a familiar environment that is compatible with existing applications and tools, while simplifying the migration of workloads to the cloud. VMware provides a range of tools and services that automate and manage cloud deployments, reducing the burden on your IT staff. This solution also empowers organizations to retain control over their data while adhering to regulatory requirements.

Benefits of a VMware-based private cloud

By adopting a VMware-based private cloud solution, organizations can enjoy several benefits, including:

Cost savings: Reduce infrastructure and staff costs, while also gaining greater flexibility and scalability.

Increased flexibility: Easily scale infrastructure up or down as needed by overcoming the limitations of hardware.

Improved performance: Gain better performance than traditional on-premises environments, including fast response times and reduced latency.

Enhanced security: Take advantage of advanced security features to protect data, such as encryption, firewalls and intrusion detection.

Greater agility: Rapidly deploy and test new applications, services and updates without infrastructure limitations or downtime.

Three Rackspace SDDC Solutions

Rackspace SDDC Solutions allow organizations to run their software and workloads without the pain and cost of maintaining physical infrastructure. Our solution combines VMware Cloud Foundation™ and Dell® integration, and frees you from investing time, resources and precious capital budgets. We build and manage the VMware software operations and the physical infrastructure that powers it.

Customer IT teams benefit from VMware's software-defined technology and the agile infrastructure deployment model for physical and virtual infrastructure that comes from working with Rackspace Technology. Legacy and cloud native applications can operate with cloud-like agility, without sacrificing your existing investments in VMware training, tools and software

Rackspace SDDC Solutions: Rackspace SDDC Enterprise, Rackspace SDDC Business and Rackspace SDDC Flex — bridge the gap between the cloud and your data centers.

Rackspace SDDC Enterprise: This dedicated private cloud built on VMware Cloud Foundation enables full software-defined data center capabilities, including VMware virtualized compute, storage, networking and cloud management.

This solution is best for enterprise organizations that:

- Require a single tenant VMware-based solution
- Require or actively use the VMware Cloud Foundation stack
- Require full software or hardware stack integration

Rackspace SDDC Business: This is a streamlined vSphere-based solution with a modular approach. Organizations can start with a traditional vSphere platform and gain the ability to consume add-ons based on their needs.

This solution is best for organizations that:

- Need a streamlined VMware-based solution
- Are looking for a lower cost of entry to the cloud

Rackspace SDDC Flex: This solution provides consumption-based pricing, flexible infrastructure, self-service, automation, DevOps and rapid deployment in a VMware environment, without the need for re-architecting workloads.

This solution is best for organizations that:

- Need to scale up and down as business demands dictate
- Want consumption-based pricing and improved cloud economics

Take the next steps

Learn more about how your company can bridge the gap between private cloud and your data centers, without the pain and cost of refactoring your applications. Contact us to speak with a Rackspace cloud expert.

www.rackspace.com/cloud/private/software-defined-data-center

1-800-961-2888

About Rackspace Technology

Rackspace Technology is the multicloud solutions expert. We combine our expertise with the world's leading technologies — across applications, data and security — to deliver end-to-end solutions. We have a proven record of advising customers based on their business challenges, designing solutions that scale, building and managing those solutions, and optimizing returns into the future.

As a global, multicloud technology services pioneer, we deliver innovative capabilities of the cloud to help customers build new revenue streams, increase efficiency and create incredible experiences. Named a best place to work, year after year according to Fortune, Forbes, and Glassdoor, we attract and develop world-class talent to deliver the best expertise to our customers. Everything we do is wrapped in our obsession with our customers' success — our Fanatical Experience® — so they can work faster, smarter and stay ahead of what's next.

© 2023 Rackspace US, Inc. :: Rackspace®, Fanatical Support®, Fanatical Experience® and other Rackspace marks are either service marks or registered service marks of Rackspace US, Inc. in the United States and other countries. All other trademarks, service marks, images, products and brands remain the sole property of their respective holders and do not imply endorsement or sponsorship.

THE INFORMATION CONTAINED IN THIS DOCUMENT IS A GENERAL INTRODUCTION TO RACKSPACE TECHNOLOGY SERVICES AND DOES NOT INCLUDE ANY LEGAL COMMITMENT ON THE PART OF RACKSPACE TECHNOLOGY.

You should not rely solely on this document to decide whether to purchase the service. Rackspace Technology detailed services descriptions and legal commitments are stated in its services agreements. Rackspace Technology services' features and benefits depend on system configuration and may require enabled hardware, software or additional service activation.

Except as set forth in Rackspace Technology general terms and conditions, cloud terms of service and/or other agreement you sign with Rackspace Technology, Rackspace Technology assumes no liability whatsoever, and disclaims any express or implied warranty, relating to its services including, but not limited to, the implied warranty of merchantability, fitness for a particular purpose, and noninfringement.

Although part of the document explains how Rackspace Technology services may work with third party products, the information contained in the document is not designed to work with all scenarios, any use or changes to third party products and/or configurations should be made at the discretion of your administrators and subject to the applicable terms and conditions of such third party. Rackspace Technology does not provide technical support for third party products, other than specified in your hosting services or other agreement you have with Rackspace Technology and Rackspace Technology accepts no responsibility for third-party products.

Rackspace Technology cannot guarantee the accuracy of any information presented after the date of publication.

9090-Rackspace-eBook-VMware to Avoid Refactoring-FRI-TSK-9090-v2 - July 6, 2023