↻ REFRESH

Refresh Your IT Infrastructure —
Upgrade to vSphere 6.5

vmware®

vSphere®

▶ **Are you ready for hybrid cloud?**

▶ **Able to run next-generation apps?**

▶ **Do you have a modern IT infrastructure based on a software-defined architecture?**
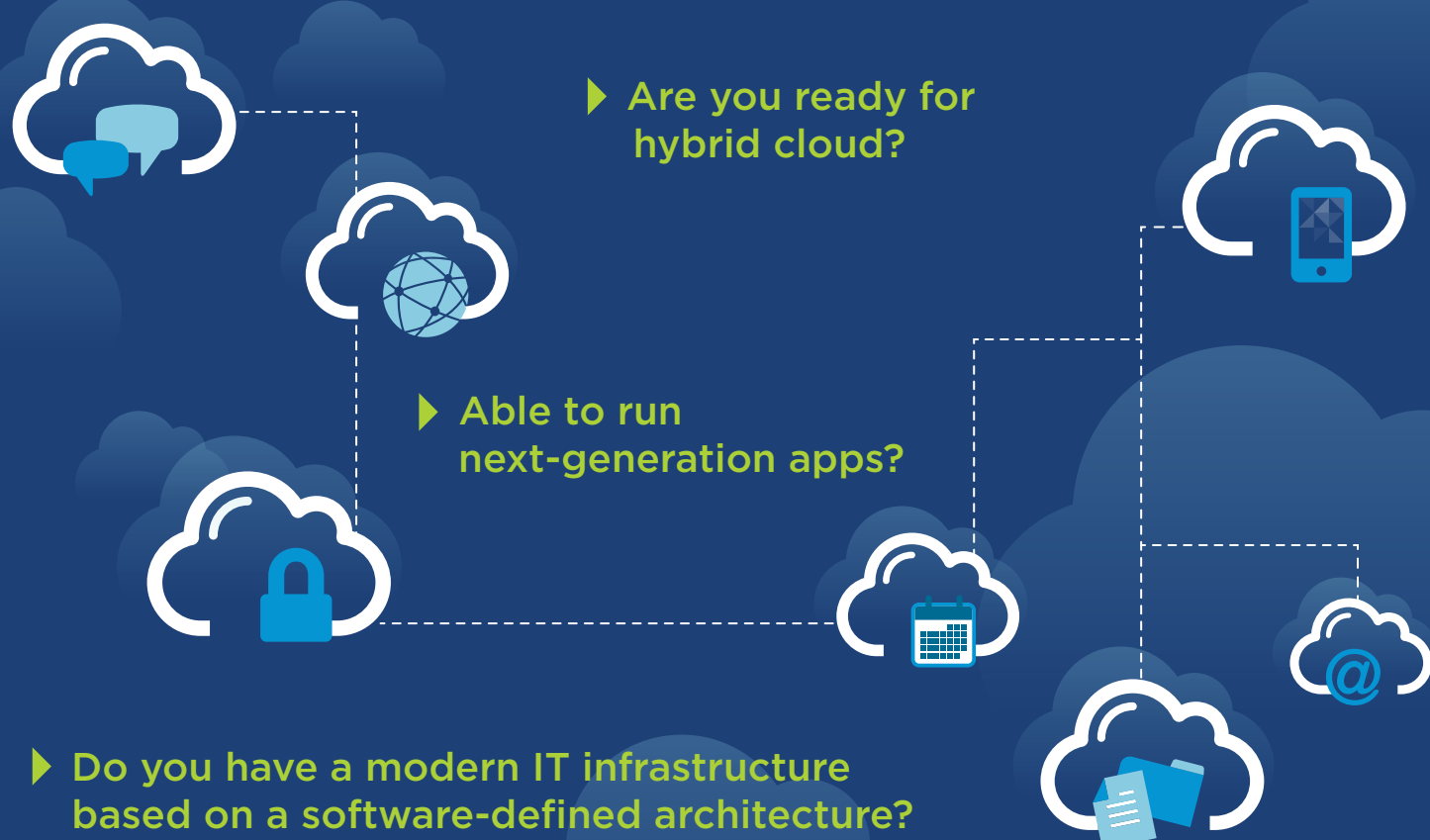
Why Upgrade to vSphere 6.5?

Companies in all industries are embracing digital transformation and cloud computing to support new applications and workloads, including Big Data, High-Performance Computing (HPC), Machine Learning, SaaS, and cloud-native applications. IT needs flexibility to run these apps in their own data centers or extend them to hybrid cloud environments. And at the same time, the pressures to increase operational efficiency and responsiveness are greater than ever.

VMware vSphere® 6.5 helps you accelerate this transition by addressing key challenges:

ENVIRONMENTS GROWING INCREASINGLY COMPLEX

GROWING IT SECURITY THREATS

SUPPORT FOR BOTH TRADITIONAL AND MODERN APPLICATIONS

THE DEMANDS TO STAY RESPONSIVE AND DO MORE WITH THE SAME RESOURCES

Next-Gen Infrastructure for Next-Gen Apps

As a major building block of VMware's Software-Defined Data Center (SDDC) architecture and VMware's Cloud strategy, vSphere 6.5 enables you to fully leverage next-generation VMware technology, including VMware vSAN™ and VMware NSX®. vSphere 6.5 gives you a powerful, secure, and flexible foundation to run both existing and modern applications across clouds and devices.

Refresh your existing VMware infrastructure with vSphere 6.5 and gain four key capabilities:

1

A simplified user experience

vSphere 6.5 delivers a simplified user experience with automation at scale. New features provide exceptional management simplicity, operational efficiency and faster time to market:

- **VMware vCenter® Server Appliance™** – Provides the single control center and core building block for vSphere.
- **vSphere Client** – Enables fast performance and cross-platform compatibility.
- **REST-based APIs** – Provide simple, modern, developer-friendly vSphere API structure.

2

Comprehensive, built-in security

vSphere 6.5 natively provides secure data, infrastructure, and access at scale via its simple, policy-driven model:

- **Security at Scale** – Policy-driven approach makes securing infrastructure operationally simple.
- **Encryption** – VM-level encryption protects against unauthorized data access.
- **Chain of Trust** – Audit-quality logging and UEFI secure boot capabilities enable authorized administration and control.
- **Audit Quality Logging** – to identify, diagnose, and eliminate security threats faster.

3

A universal application platform

vSphere 6.5 supports both traditional and next-generation apps:

- **Scale Enhancements** – New configuration maximums support even the largest app environments.
- **VMware vSphere Integrated Containers™** – Run enterprise containers with VMs in your vSphere environment without retooling or process changes.
- **Foundation of Cloud Offerings** – VMware Cloud Foundation and VMware Cloud™ on AWS are both built on vSphere 6.5.

4
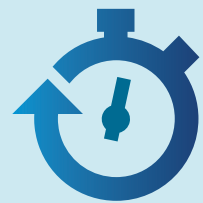
Enhanced operational efficiency and application performance

New vSphere 6.5 capabilities enable IT to be proactive in addressing issues before they impact end users and the business:

- **Predictive DRS** – Predictive, analytics-based load-balancing eliminates resource contention before it occurs, ensuring applications stay performant.
- **Proactive HA** – Enables high availability for applications by moving workloads away from hardware that is likely to experience failure.

Learn more about vSphere 6.5 and how you can upgrade at https://www.vmware.com/products/vsphere.html

To eliminate the complexity of IT by leveraging new technologies and our unique expertise; to provide integral value and support for your organization, and to assure our client's success by delivering high quality IT Managed Services and Cloud Solutions

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