



Reduce IT headaches with Management Services for Container Platforms

Highlight:

- Support for a variety of platforms and deployment models
- Access to the latest container technology stack and experts
- Pre-tested, pre-integrated solution bundle that is ready for consumption
- General Data Protection Regulation (GDPR) - compliant services

Containerized applications offer many benefits, but many customers lack familiarity with container technologies and concepts like DevOps and Site Reliability Engineering (SRE). They need a partner who can help them optimize IT investments, deploy and manage containerized applications, react quickly to changing business needs, and keep up with compliance requirements. To meet this need, Kyndryl offers Management Services for Container Platforms (MSCP). Using MSCP can help customers achieve the highest level of service availability, resiliency, and compliance in hybrid and multicloud environments.

Take the hassle out of managing containerized applications

MSCP is an enterprise-grade, production-ready solution that delivers 24x7 managed services and helps you modernize IT infrastructure and operations. MSCP can accelerate innovation as customers use Kubernetes platforms to migrate, modernize, and build cloud-native applications. It provides a single pane of glass to manage Kubernetes deployments at scale on-premises, in the public cloud, or in a hybrid/multicloud environment. The MSCP architecture is designed to align with industry best practices, offering customers pre-packaged solutions and zero-touch automation.



Simplify management of your containerized workloads in any environment

MSCP can help you achieve a lower cost point than can be achieved in-house and frees up capital by shifting IT costs to operating expenses, where there is greater flexibility. Our services deliver new value in multicloud environments by helping customers plan, procure, govern, and manage IT services across multiple cloud models and suppliers. We therefore deliver a stable, dependable, and protected IT environment that can meet users' service availability, performance, and compliance expectations.

Choose the container platform and deployment model that's right for you

With MSCP, you have choices. Lots of choices. For example, depending on your preference, you can use Red Hat OpenShift Container Platform, VMware Tanzu, or Rancher as your container platform. You can also choose to run your containerized applications on either industry-standard x86 or mainframe infrastructure. Whatever container platform and infrastructure you need, MSCP supports deployments on-premises, in the hybrid cloud, or in a multicloud environment that can span a variety of cloud service providers including Azure Kubernetes Service (AKS), Amazon Elastic Kubernetes Service (EKS), Google Kubernetes Engine (GKE), IBM Cloud Kubernetes Service (IKS), and Red Hat OpenShift Kubernetes Service (ROKS) on IBM Cloud.

Meet your compliance requirements

Many workloads must meet be able to prove compliance with any number of regulations, including General Data Protection Regulation (GDPR), Health Insurance Portability and Accountability Act (HIPAA), Payment Card Industry Data Security Standard (PCI DSS), Sarbanes-Oxley Act (SOX), Federal Information Security Management Act (FISMA). Complicating matters are sub-layers of regulations, such as state-level privacy rules or regional requirements. Proving continual compliance to a third party can be challenging for containerized environments. However, MSCP solves this challenge by providing GDPR-compliant services that help ensure your containerized applications remain secure at all times.

Focus on the business while Kyndryl takes care of the rest

You know that container technology is important to business agility—but you don't have time to become an expert on the differences between various container platforms or to validate a variety of software. You may not have access to an SRE expert. Rest easy with MSCP. Kyndryl is an early adopter of the latest technology stack and jointly co-creates and co-develops solutions best suited for our customers. Our certified professionals are available across nearly a dozen global delivery locations and can help you decide if the MSCP standard architecture needs to be customized for your specific business requirements. Kyndryl has worked closely with the container platform providers like Red Hat and VMware to pre-test and pre-integrate the MSCP solution bundle so that you can confidently use it in your production environments. Besides container platform management services, MSCP also provides support for advanced container platform features like container security, multi-cluster management, container-native storage, and container virtualization to help you gain the maximum potential of the cloud-native world.

Conclusion:

MSCP enables you to choose deployment platforms without compromising enterprise compliance, availability, and governance standards for your regulatory and non-regulatory workloads. You can be confident that you have access to the latest containerization technology, with the convenience of monthly billing for only the infrastructure you use. From deployment to governance and compliance, MSCP makes it easy to take advantage of containerization technology.

Why Kyndryl?

Kyndryl has deep expertise in designing, running, and managing the most modern, efficient, and reliable technology infrastructure that the world depends on every day. We are deeply committed to advancing the critical infrastructure that powers human progress. We're building on our foundation of excellence by creating systems in new ways: bringing in the right partners, investing in our business, and working side by side with our customers to unlock potential.

Kyndryl can deliver efficiencies across hybrid infrastructures with a broad range of capabilities. In addition, we offer customers the flexibility to select the degree of support they want for each layer of infrastructure—from basic monitoring and management to long-term arrangements based on an innovation path designed to replace an aging or inflexible infrastructure with new technology.

Our experts can help create and manage your modern IT portfolio to increase stability, availability, and performance. We can ensure that deployed solutions, such as container platforms, provide a coherent environment to run business applications at speed and at scale. With our expertise, you don't need to worry about hiring additional skilled resources to keep up with new technology. A broad offering of open-source solutions helps control costs and avoid vendor lock-in.

With Kyndryl at your side, you can be sure that your journey towards containerization and cloud-native applications will be smooth. Kyndryl has solid relationships with the leading container platform providers. For example, Red Hat OpenShift is a market-leading enterprise container platform, and Kyndryl is Red Hat's leading global systems integrator partner. Kyndryl has partnered with VMware for over 20 years and has one of the largest installed bases of VMware deployments globally. Kyndryl and VMware have created a Joint Innovation Lab, which will spearhead and drive delivery model innovations to better reach and serve customers.

For more information:

To learn more about how **Management Services for Container Platforms** can help you manage containerized workloads, please contact your Kyndryl representative or visit us at [kyndryl.com](https://www.kyndryl.com).



© Copyright Kyndryl, Inc. 2023

Kyndryl is a trademark or registered trademark of Kyndryl, Inc. in the United States and/or other countries. Other product and service names may be trademarks of Kyndryl, Inc. or other companies.

This document is current as of the initial date of publication and may be changed by Kyndryl at any time without notice. Not all offerings are available in every country in which Kyndryl operates. Kyndryl products and services are warranted according to the terms and conditions of the agreements under which they are provided.

The performance data and client examples cited are presented for illustrative purposes only. Actual performance results may vary depending on specific configurations and operating conditions.