

# Navigating Kubernetes Complexity with Nutanix

## The Cloud Native Landscape is Complex

The right expertise, technology and support for Kubernetes can get your organization to its destination faster and with fewer detours.

Learn how to navigate Kubernetes challenges and plot a course down the path to cloud native success.

### Charting your Kubernetes Journey

Organizations are anchoring their infrastructure to Kubernetes to speed-up innovation and simplify AI adoption.

90%

of organizations report that at least some of their applications are now containerized.<sup>1</sup>

54%

report that all of their applications are containerized.<sup>1</sup>

78%

are using more than one Kubernetes environment.<sup>1</sup>

\$9.5B

is the projected market value for cloud native platforms in 2026<sup>2</sup>

### What Applications Will You Run on Kubernetes?

Critical applications are moving to containers and Kubernetes. It's become essential for support of AI initiatives.

70%

GenAI Applications

62%

Development/test applications

57%

Enterprise-critical applications (non-database)

53%

Databases

### Why Organizations Lose Their Way

Kubernetes requires significant technical skills to ensure a smooth journey. Many organizations end up mired in complexity. Common challenges include:

81%

feel their current IT infrastructure requires improvement to fully support cloud native applications and containers

64%

find cloud native and container application development challenging

36%

feel they do not have all of the necessary skills to support cloud native applications and containers

### Setting a Course for Kubernetes Success

Here are four tips to get the most out of containers and Kubernetes.

- 1 Lean into an integrated solution.**  
A DIY approach can waste months of selecting, deploying and integrating hardware and software.
- 2 Don't get locked in.**  
You may need Kubernetes in the datacenter, cloud and edge. Running a unified solution everywhere keeps things simple.
- 3 Fleet management is essential.**  
Kubernetes sprawl is real. You'll need to monitor and manage dozens of clusters from a central location.
- 4 Data is your north star.**  
The right tools to manage and secure data in cloud native environments are essential.

### Take the Most Efficient Path with Nutanix

**Nutanix Kubernetes Platform (NKP)**  
NKP simplifies Kubernetes by reducing complexity and providing consistent operations everywhere.

**Start Anywhere**  
Flexibly and safely run today's and tomorrow's workloads on any cloud, on-premises or at the edge.

**Get There Faster**  
All the components for production-ready Kubernetes are provided in a fully integrated turnkey solution.

**Arrive Safely**  
Nutanix offers complete services and support for successful planning, deployment and operation of your cloud native infrastructure.

To learn more, download the eBook,  
Set a Course for Kubernetes Success.

Get the eBook