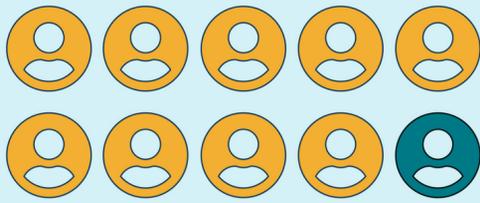
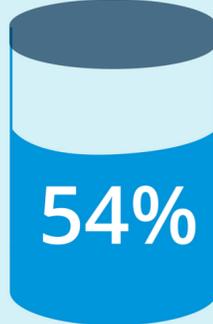


10 Steps to Prepare for Containers

DID YOU KNOW?



9/10 people are confident that containers have scalability benefits.¹



54% of companies currently use containers and another 28% are planning to.²



1. Prepare to Shift Gears

Those who choose to pursue containers must understand it is not just a technology change, it is a fundamental shift in the operational environment since it affects development and infrastructures alike.

2. Know Its Purpose

Since it is not a replacement for virtualization or any single methodology, there must be full buy-in and an overall understanding of why the organization is considering adopting containers in the first place.



3. Ask for Help

An experienced IT partner can provide a comprehensive assessment that will help identify potential benefits or pitfalls resulting from a move to containers and should outline what improvements need to be made to support it.

4. Ensure System Compatibility

For applications built on non-supported platforms from a code perspective, moving to containers may involve a redevelopment of those products in a supported coding language. The question that must then be asked is, "Is it worth it?"



5. Understand the Risk

Containers are an innovative technology wrapped in a novel methodology and have yet to fully mature. New technologies develop and change overtime, bringing potential risk to enterprises that adopt it too early.

6. Collaboration is Key

With containers, the use of shared resources, such as files, executables, .dlls, and databases is the new normal. Thus, to function correctly, all applications and hardware must play well together.



7. Assess Difficulty of Adoption

Containers provide speed in development, deployment, and speed to market. Moving to containers can require a major undertaking for environments with legacy equipment. Application assessments can help determine this difficulty.

8. Prepare Your Security Strategy

Container images ensure that all content is explicitly approved by administrators before being deployed. Access layer protection is also a must. If there are any hesitations about security they should be addressed long before adoption.



9. Take Advantage of Automation

To fully realize the benefits of containerization you will need a unified toolset that fully supports orchestration and automation, provides simplified management, and is designed with long-term adoption in mind.

10. Prepare your IT Team

Adopters will need some degree of technical expertise, whether in-house or outsourced, to properly launch a containerization effort. This includes engineers with advanced Linux skills, the primary building block of containers.



Fun Fact:

The 5-year ROI for companies who adopted containers is

531%³



Do you have questions about containers?

Talk to the experts at WEI to get started.

[Get started with containers](#)

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