The Cloud Provider Lift and Shift: Staying Mobile with Node.js and Kubernetes
NEW TECH!

Vendor - Consumer - Marketplace cycle

Adaptors

Standards

Lock In
Standards

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Adaptors

https://www.belkin.com/us/p/P-F8J212/
Cloud Providers

Adaptors

Standards

You are here

Lock In

NEW TECH!
Scalability

Efficiency

Availability

Discovery

Recovery

Security
Key Takeaways

1. We’ve entered a standards phase.
The cloud provider
**lift and shift**
is now possible*
Lift the resources associated with an application and shift them from one provider to another.
Why do we care?
Dev efficient
Low barrier
Async

Small teams
Prototypes
Services
These are the teams and projects that can benefit the most from flexibility.
*Lock in is still alive and well
12 months free and always free products

AWS Free Tier includes offers that expire 12 months following sign up and others that never expire.

Learn more »
The more mature an application is, the more difficult it will be to move.
So we should just leave now?
Prototype to compare.

• Developer experience
• Service offerings
• Costs

Lift and shift at least until you scale.
Use the right provider for the job.

If one provider offers a better service at a better price, use it without locking yourself into only using that provider.
Avoid legacy lock in.

Determine if having legacy resources with one provider prevents you from having new resources on another.
Key Takeaways

1. We’ve entered standards phase.

2. K8s as a standard gives you flexibility.
This tutorial walks you through setting up Kubernetes the hard way. This guide is not for people looking for a fully automated command to bring up a Kubernetes cluster. If that’s you then check out Google Kubernetes Engine, or the Getting Started Guides.

We don’t have to do it the hard way.
kubectl apply
Key Takeaways

1. We’ve entered a standards phase.

2. K8s as a standard gives you flexibility.

3. It’s OK to start the easy way.
https://github.com/cmaddux/js_interactive_2018