

# Simplifying App Modernization

Work Smarter by Automating IT Actions

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Sales

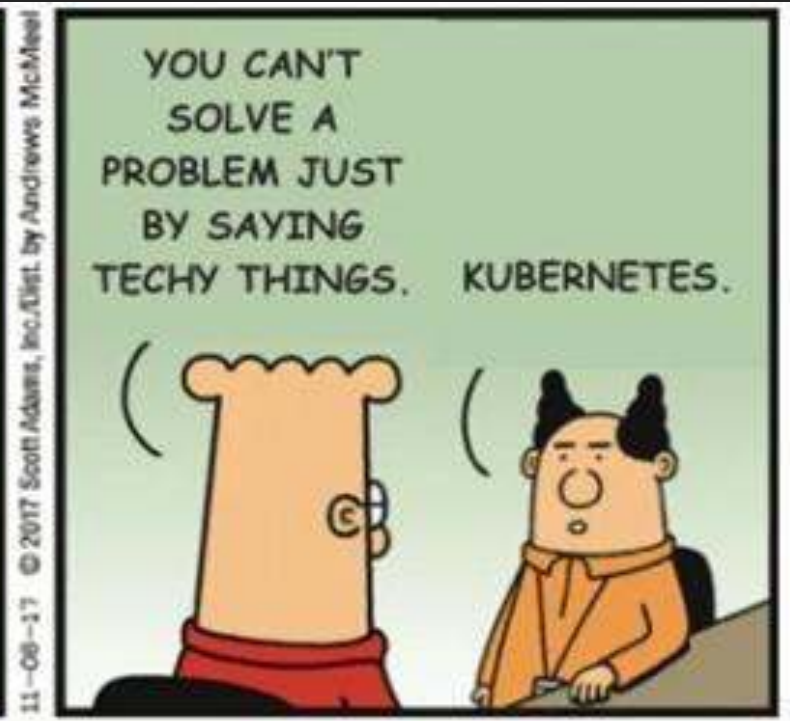
3/8/2023

# Agenda

- Logistics
- Who is Crossvale
- Why is App Modernization important
- How we can help with enablement
- Application Assessment



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# What we do

Crossvale Partners with IT Service Providers to bring your team the Modernization Skills to support your strategic customers demand for innovation.



# Achievements

- ▶ 2001 – Crossvale Open for Business
- ▶ 2017 – Started Working on Kubernetes Platforms
- ▶ 2018 - 2021 5 Container Platform Specialist Awards
- ▶ Red Hat Apex Premier Partner
- ▶ AWS Certified Cloud Partner
- ▶ IBM Kyndryl – Global Service Partner
- ▶ Microsoft - Gold Partner (Infrastructure and Application Development)
- ▶ Google Cloud Platform – Certified Partner available on Google marketplace



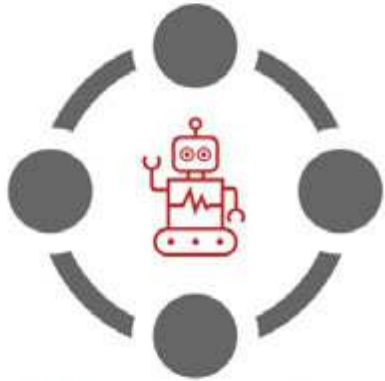
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- Why modernize legacy applications?
  - What are the key technologies for application modernization?
  - What is Red Hat's approach to application modernization?
  - What is your challenge?
    - Java application modernization
    - .NET application modernization
    - Virtualization
    - Ongoing App dev and maintenance

# Why organizations need App Modernization

1. Reduce Team Stress
2. Support greater velocity and agility
3. To protect its investments
4. Refresh its software portfolio
5. To stay competitive
6. Keep costs low
7. Reduce maintenance time
8. To take advantage of contemporary infrastructure, tools, languages and other technology progress

# EIGHT STEPS TO CLOUD-NATIVE APPLICATION SUCCESS

1. Evolve a DevOps culture and practices to take advantage of new technology
2. Speed up existing, monolithic applications by either migrating to a container-based platform or migrating and then breaking the applications into microservices or miniservices.
3. Use application services, i.e., middleware, to speed up the development of business logic.
4. Using a container-based application platform that supports the right mix of frameworks, languages, and architectures.
5. Provide self-service, on-demand infrastructure for developers
6. Automate IT to accelerate application delivery with automation
7. Implement continuous delivery and advanced deployment techniques
8. Evolve a more modular architecture by choosing a design that makes sense for your specific needs



## Automation

Reduction in the manual effort(s) to support IT operations and new projects.

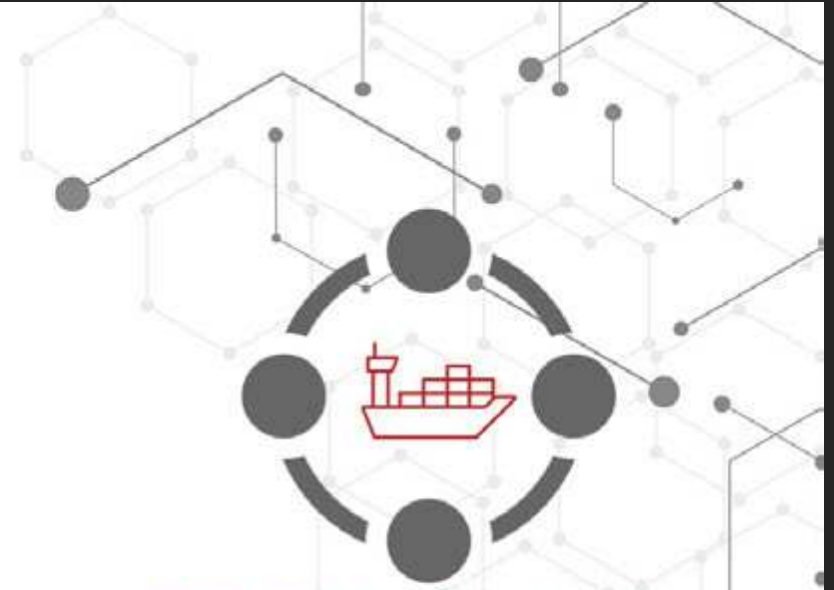
- Infrastructure Scaffolding
- System Patching
- Blue/Green Deployments



## Hybrid Cloud

Implementation of co-hosted, private and/or public cloud infrastructure to reduce Time-to-Value for new efforts.

- Reserved Instances
- Protected Cloud
- DR Preparedness



## SDLC Modernization

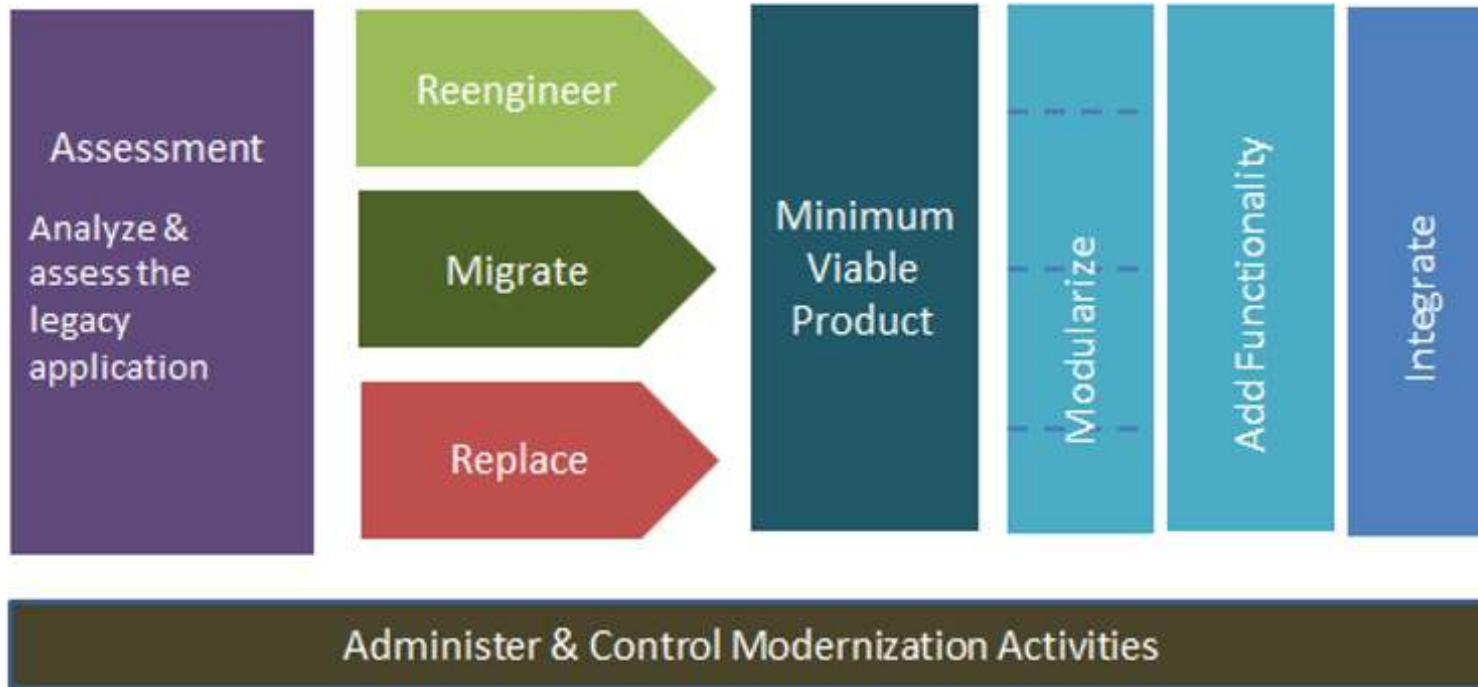
Implementation of well-established value improving processes and procedures to increase the quality and throughput of software driven efforts.

- Micro Applications
- Service Meshes
- Ephemeral Development ecosystems



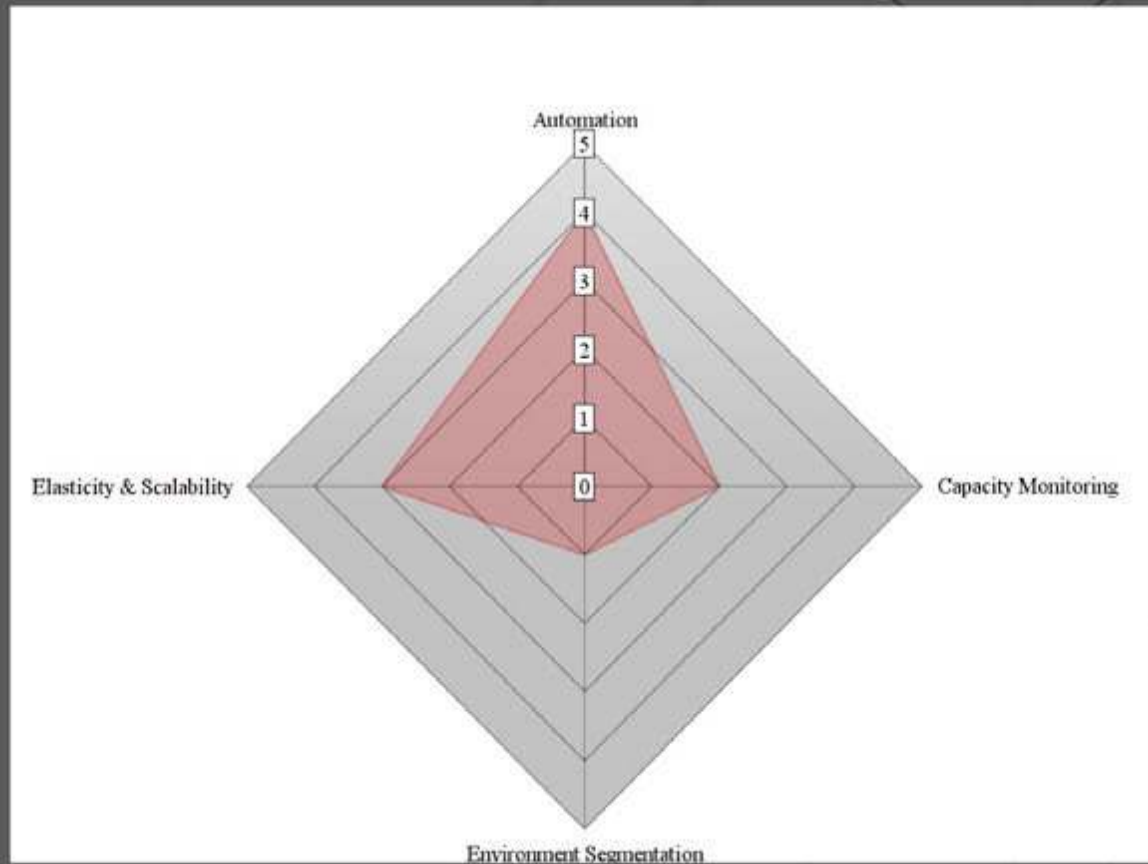
# Methodology APPLICATION Assessment

## Legacy Application Modernization Model



# Infrastructure

The Infrastructure facet of the assessment is designed to rate the flexibility, durability, and efficiency with which the system responds to infrastructure related events, such as dramatic load increases, node, or hardware failures. There is also a focus to ensure that the required environments are properly articulated to support business uses cases while segmented sufficiently to preventing undesired cross-over.



# Workload Excellence as a Service 24x7x365

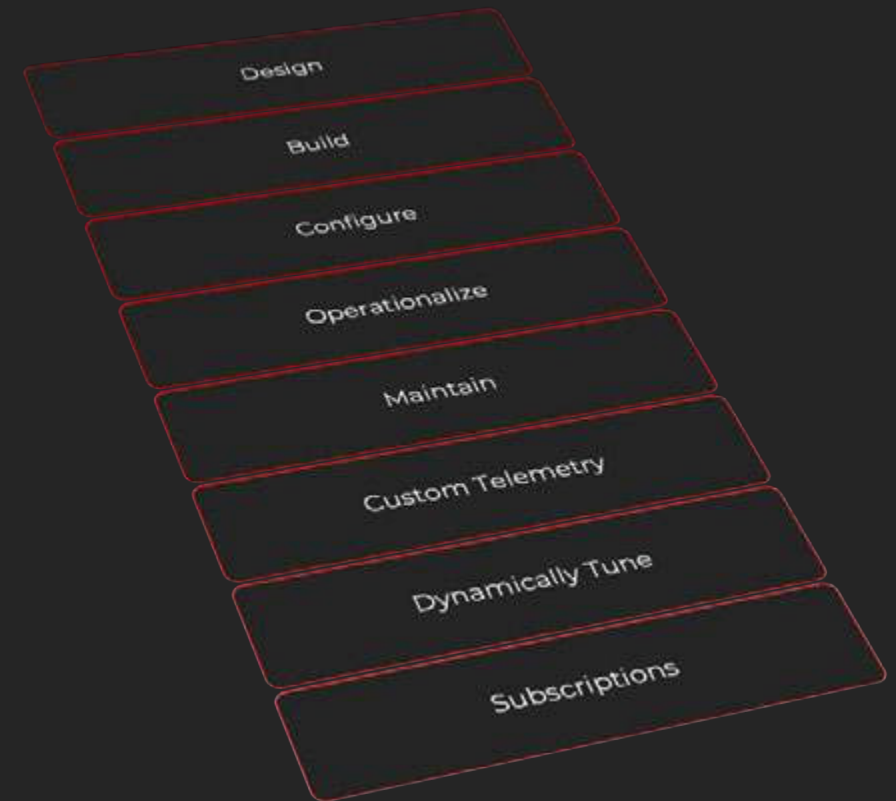
Zero to Confident - *in Seconds*

## Workload Excellence as a Service (WEaaS)

on Red Hat OpenShift 48vCPU Min (Prod / Non-Prod)

### - Virtualized WEaaS on OCP

- 12 Month Commitment
- Includes Design, Enable, Build, Configure and Operationalization (Consulting Services)
- Subscriptions for Platform
- Scale on Demand (Monthly)
- Run anywhere OnPrem, Public Cloud, SaaS
- Application Deployment Support with Dynamic Platform tuning.
- Run Hybrid if needed.
- DR and Backup
- No SMEs needed for you to develop
- Starting at \$12,900 /Mo.



# Let's Partner Together

## How We Can Help:

- Assessment
- Scoping Call
- Funded POCs
- Expert Call

## CONTACT INFORMATION

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