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opticca

ACCELERATE DEVOPS ADOPTION WITH RED HAT AND OPTICCA

PARTNER SOLUTION BRIEF

67%

of organizations are not satisfied with release velocity.¹

50%

of organizations have implemented DevOps or plan to implement it soon.²

INTRODUCTION

Organizations prefer to use container-based applications across cloud environments to rapidly deliver solutions that meet evolving business requirements and address competitive pressures. With the rise of mobile and digital touchpoints, there is even greater pressure to create new and better applications at an ever-increasing rate. Most IT organizations are not able to keep pace.

To support these requirements, organizations are turning to technologies such as containers and programmable infrastructures for continuous integration/continuous delivery (CI/CD) and DevOps transformations. However, adoption of these technologies has proven difficult for many customers. The challenges include selection of the correct infrastructure, internal resistance to change, and lack of expertise. Opticca has created a DevOps Accelerator Program (DAP) that allows customers to quickly start developing and deploying modern applications on Red Hat® OpenShift Container Platform.

DEVOPS ACCELERATOR PROGRAM

DAP was designed to overcome the challenges that customers face adopting a DevOps environment. Through workshops and technical guidance, DAP helps to educate your staff and deliver working applications in containers. This service consists of over 500 hours of professional services work delivered over a six-week period.

Customers will receive a production-ready application, consisting of four microservices created to meet their use cases and delivered on Red Hat OpenShift Container Platform. This package also includes two workshops:

1. Introduces DevOps core concepts and how to deploy microservices in a public or private cloud. Explains cloud automation and how to install Red Hat OpenShift.
2. Focuses on continuous delivery, the development process, deploying with Red Hat OpenShift, and integration with external tools.

ABOUT OPTICCA

Opticca Consulting delivers revolutionary platforms that enable clients to outperform their competition. They help their clients speed up application development and deliver value faster by adopting architectures using DevOps, containers and microservices, as well as supporting automation and CI/CD pipelines.

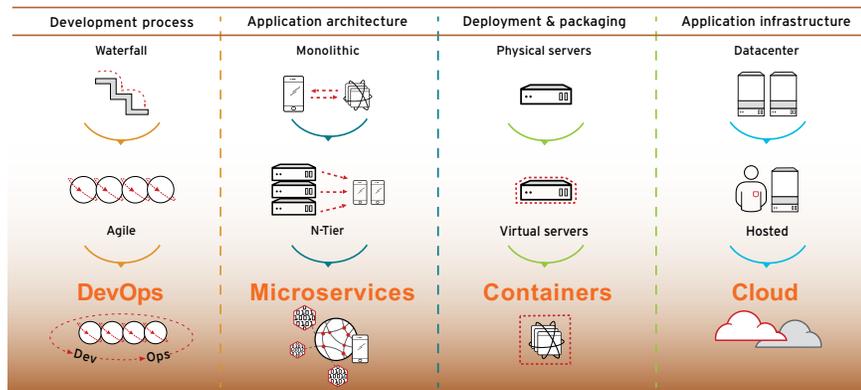


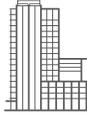
Figure 1. Evolution of IT architectures.

1 Forrester Consulting, "Put The 'Ops' In 'DevOps,'" August 2016.

<https://www.dropbox.com/s/7w8xei2glwba59h/put-the-ops-in-devops-forrester.pdf?dl=1>

2 Interop ITX 2017, "2017 State of DevOps report," January 2017.

<https://www.dropbox.com/s/lub6zpidtk16bfc/Interop-ITX-State-of-DevOps-2017-report.pdf?dl=1>



ABOUT RED HAT

Red Hat, the world's leading provider of open source software solutions, delivers reliable and high-performing cloud, Linux®, middleware, storage, and virtualization technologies that help you collect, communicate, transform, store, and act on critical data generated by the Internet of Things (IoT). Red Hat offers a single, extendable, and secure foundation to support the end-to-end life cycle of IoT solutions—from development to production. www.redhat.com/iot

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DAP can help you evolve from a monolithic application architecture deployed on physical servers to a modern, DevOps environment that rapidly provides reliable application microservices built on containers that can be deployed in the cloud.

RED HAT OPENSIFT CONTAINER PLATFORM

Red Hat OpenShift Container Platform brings Linux® containers and Kubernetes to the enterprise. The platform helps organizations develop, build, deploy, and manage new and existing applications across physical, virtual, or public cloud infrastructures. It accelerates application development with automated workflows that make it easy to move from source code to production-ready container images for deployment. OpenShift Container Platform is built on open source standards and is a secure, proven, and reliable container platform for organizations of any size.

According to Forrester's in-depth survey of IT decision makers who have adopted containers:³

- 75% have experienced moderately or significantly increased speed.
- 67% have experienced increased security.
- 73% have developed a more consistent deployment process.
- 66% have increased developer efficiency.

OPTICCA AND RED HAT STRATEGIC ALIGNMENT

Opticca is a certified Red Hat Premier Business Partner with the knowledge and experience to assist organizations with the implementation of Red Hat OpenShift platforms. With close to 100 Red Hat certifications, Opticca has the expertise and proven methodologies to rapidly deploy DevOps on Red Hat OpenShift.

CONCLUSION

Opticca DAP delivers professional services that explain the concepts, provide production-ready applications in microservices, and guide your transformation into a DevOps environment. Upon completion of the program, DAP provides Red Hat customers with these benefits:

- **Increased collaboration** by combining development and operations efforts.
- **Improved frequency of software and services deployments** to meet rapidly changing business requirements.
- **Reduced maintenance time** as DevOps simplifies application maintenance and refocuses resources on new business-critical applications.
- **Improved quality and performance** of applications as DevOps enables better testing prior to implementation.

NEXT STEPS

To learn more about the DevOps Accelerator Program: Contact Opticca at dap@opticca.com or 514-316-4770. Visit www.opticca.com.

³ Forrester Consulting, "Containers: Real Adoption And Use Cases In 2017," March 2017.
<https://www.dropbox.com/s/i1nom5k9lyobkjh/Forrester-Containers-Real-Adoption-in-2017-white-paper.pdf?dl=1>