Application Modernization with OpenShift Fast Start

Business challenge

With the pressure to deliver applications faster than ever, adopting modern application platforms is both a complex feat and a shift in mindset. Proper pacing is critical, but it's a balance — moving too slowly could mean getting surpassed by competitors, but moving too quickly could mean overlooking a gap in your strategy.

How we help

Insight's Digital Innovation team helps you modernize your applications at a swift but practical pace using best-in-class solutions. Leveraging our deep expertise in the Red Hat® OpenShift® platform, this Fast Start solution gives you:

- A fully-functioning OpenShift cluster to host your apps
- One or more fully deployed apps running in OpenShift
- A configured CI/CD pipeline for fast, repeatable updates
- Guides to help your teams adapt to an OpenShift environment

Preparing for transformation

To ensure you receive the greatest value from this engagement, you will need:

- Familiarity with Docker, Kubernetes and RHEL
- Access to source code for applications
- Availability of required stakeholders (application architects, cloud architects, DevOps manager, etc.)

Duration
2-3 weeks

Benefits
- **Cost savings** with reduced overhead management
- **Faster time to market** with a cloud-based, continuous delivery model
- **Reduced risk** with self-healing, hosted control panes
- **Increased scalability** with easy cluster scaling for peak demand

Related offers
DevOps Fast Start
App Modernization
Infrastructure as Code Fast Start
DevOps Assessment
DevOps Coaching
DevOps Transformation

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To learn about pricing and how to begin, contact alliances@insight.com.

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What to expect

Week 1	Week 2	Week 3
• Review application containerization process. • Review OpenShift platform. • Review application requirements. • Examine application architecture (tiers, database(s), other connected systems and current hosting platforms). • Catalog third-party dependencies. • Diagram deployment steps.	• Deploy OpenShift cluster in Azure® subscription with Azure Resource Management (ARM) templates. • Configure cluster to support monitoring, security, logging and storage best practices. • Integrate cluster into Azure Active Directory (AD) for authentication and authorization. • Configure additional Azure components as necessary (storage, network, VPN, etc.). • Help configure developer workstations to facilitate container-based development. • Containerize chosen application. • Migrate data into container or Azure platform-based database. • Perform initial deployment of application containers to new cluster.	• Validate application functionality. • Create and configure Azure Container Registry for private image storage. • Create automated DevOps processes for application updates. • Set up/configure CI/CD pipelines.
Deliverables	**Deliverables**	**Deliverables**
• Application architecture diagrams • Future platform recommendations • Migration plan • Deployment flow diagram	• Fully-configured OpenShift cluster in your Azure subscription • An application deployed and running in the cluster • Capability to containerize and deploy additional applications	• Pipeline to build and deploy containerized applications • Private container registry to store all of your images

About Insight

At Insight, we define, architect, implement and manage Insight Intelligent Technology Solutions™ that help your organization run smarter. We'll work with you to maximize your technology investments, empower your workforce to work smarter, optimize your business and create meaningful experiences.

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