

# Azure Red Hat OpenShift Fast Start

Leverage Insight resources and expertise to deploy a fully functional Azure Red Hat OpenShift cluster.

## Business challenge

Modern organizations are embracing the use of container-based technologies and platforms to deploy applications and big data workloads.

But while your teams may have started using containers to deploy apps, determining how to host them in production can be a challenge. A managed Kubernetes cluster provides incredible value for your overburdened operations team — but even then, concerns often remain around the additional tools that need to be deployed and configured to make your managed Kubernetes cluster enterprise-ready.

## Our Fast Start solution

The Azure® Red Hat® OpenShift® platform provides a highly available, fully managed solution that simplifies Kubernetes management and updates with no virtual machines to operate and no patching required — freeing your team to focus on developing new services.

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

- A fully functioning OpenShift cluster to host your apps
- A configured CI/CD pipeline for fast, repeatable updates
- Guidance 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:

- An Azure subscription available to deploy your cluster
- Configured Azure resources to enable deployment (Azure AD sync, VPN connectivity)
- Access to source code for apps that are candidates for containerization
- Availability of required stakeholders (cloud architects, application architects, infrastructure architects, DevOps manager, etc.)

### Duration

3 weeks

### Benefits

- **Identify areas and workloads** that can benefit from the OpenShift platform.
- **Reduce operational overhead** and speed delivery of apps that add business value.
- **Lean on Insight's expertise** to evaluate your container strategy and pinpoint areas of growth.
- **Deploy a fully functional Azure Red Hat OpenShift cluster** ready for workloads.
- **Build a strong foundation** for your business's technical needs.

### Related offers

Google Kubernetes Engine Fast Start

Azure Kubernetes Service (AKS) Fast Start

Elastic Kubernetes Service (EKS) Fast Start

OpenShift Strategy Workshop

OpenShift Design Workshop

### Schedule a Fast Start.

To learn about pricing and how to begin, contact [alliances@insight.com](mailto:alliances@insight.com).

## Business challenge

Insight's Digital innovation team will assist your organization with automated and repeatable installation, configuration, and adoption of Azure® Red Hat® OpenShift®.

Week 1	Week 2	Week 3
<ul style="list-style-type: none"> <li>Meet with stakeholders to determine business and technical objectives.</li> <li>Review application containerization process.</li> <li>Review OpenShift platform.</li> <li>Review application requirements.</li> <li>Outline diagram deployment steps.</li> <li>Create architecture for deployment of resources.</li> </ul>	<ul style="list-style-type: none"> <li>Deploy the Azure Red Hat OpenShift cluster in an Azure subscription using the appropriate IaC platform (ARM templates or Terraform®).</li> <li>Configure cluster to support monitoring, security, logging and storage best practices.</li> <li>Integrate cluster into Azure Active Directory for authentication and authorization.</li> <li>Configure additional cloud components as necessary (storage, network, VPN, DNS, etc.).</li> <li>Configure developer workstations to facilitate container-based development.</li> <li>Assist in initial deployment of application containers to new cluster.</li> </ul>	<ul style="list-style-type: none"> <li>Validate application functionality.</li> <li>Create automated DevOps processes for application updates.</li> <li>Set up/configure CI/CD pipelines.</li> </ul>
Deliverables	Deliverables	Deliverables
<ul style="list-style-type: none"> <li>Application architecture diagrams</li> <li>Future platform recommendations</li> <li>Deployment flow diagram</li> </ul>	<ul style="list-style-type: none"> <li>Fully configured Azure RedHat OpenShift cluster</li> <li>An application deployed and running in the cluster</li> <li>Capability to containerize and deploy additional applications</li> </ul>	<ul style="list-style-type: none"> <li>Pipeline to build and deploy containerized applications</li> </ul>

## 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.