

AZURE DEVOPS AND GITHUB

Unlocking Enterprise Agility and Continuous Delivery with Azure DevOps and GitHub



IN TODAY'S DIGITAL-FIRST LANDSCAPE, INTEGRATED TOOLS FOR SOFTWARE DEVELOPMENT AND LIFECYCLE MANAGEMENT ARE CRITICAL. AZURE DEVOPS AND GITHUB OFFER SCALABLE, SECURE, AND COLLABORATIVE SOLUTIONS TO STREAMLINE DEVELOPMENT WORKFLOWS, FOSTER INNOVATION, AND ENSURE CONTINUOUS DELIVERY.



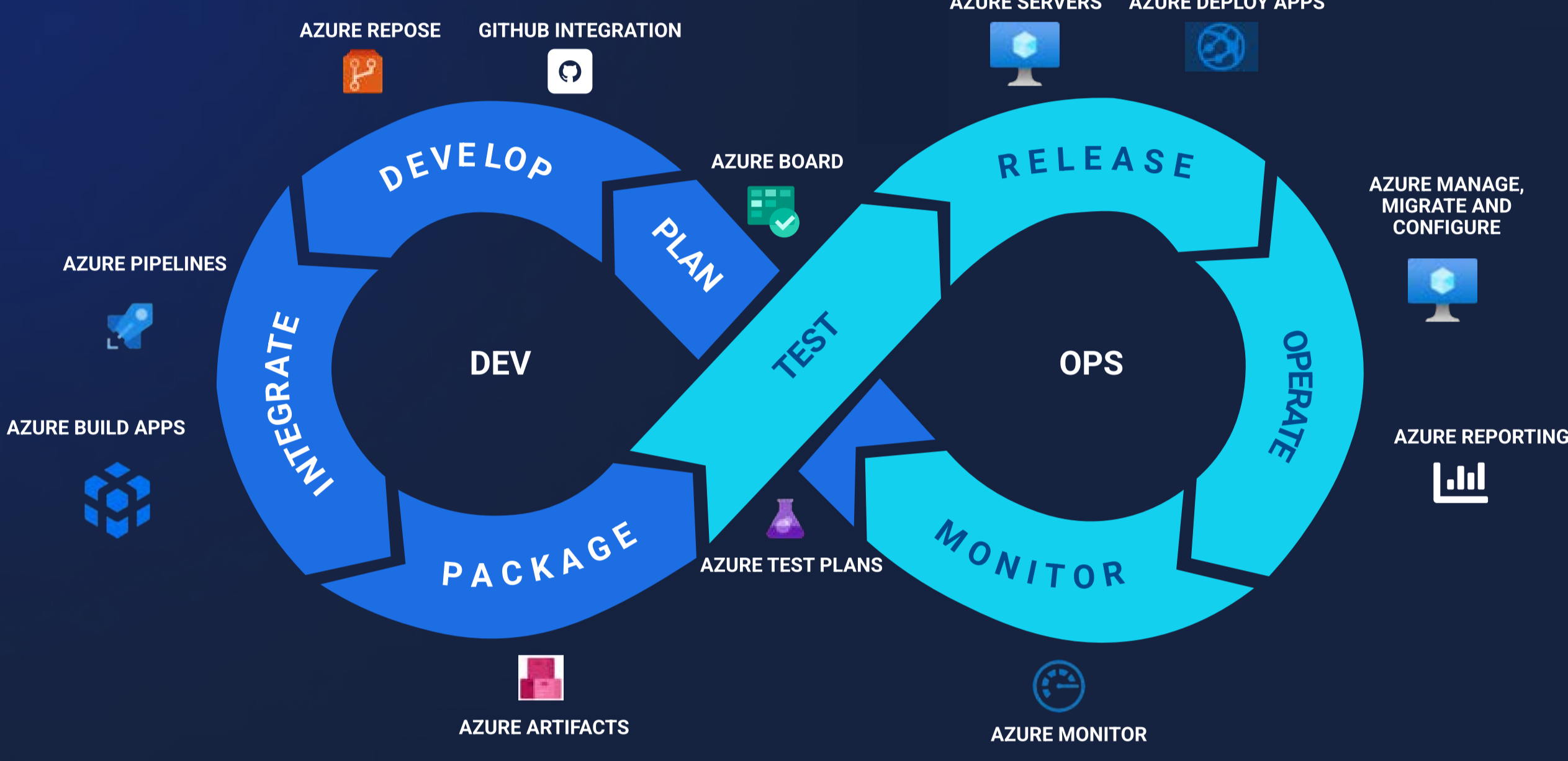
WHY AZURE DEVOPS AND GITHUB?

Azure DevOps and GitHub empower organizations with scalable, secure, and collaborative solutions for modern software development. Key benefits include:

- **Centralized Collaboration:** Break silos and unify teams for improved efficiency and innovation.
- **CI/CD Automation:** Streamline the software lifecycle, reducing time-to-market while ensuring reliability.
- **Enhanced Security:** Proactively manage risks with advanced security features like code scanning and vulnerability detection.
- **Scalability and Flexibility:** Adapt to the needs of both large and small teams, seamlessly integrating with third-party tools.
- **Real-Time Insights:** Monitor performance, identify bottlenecks, and drive continuous improvement.

AZURE DEVOPS SERVICES

AZURE BOARDS Project management and tracking, including work items, backlogs, and Kanban boards	AZURE REPOS Source control with Git repositories or Team Foundation Version Control (TFVC)	AZURE PIPELINES CI/CD pipelines for building, testing, and deploying code
AZURE TEST PLANS Testing tools for manual and automated testing, including test case management	AZURE ARTIFACTS Package management for storing and sharing packages, such as NUGET, npm, and Maven	AZURE DEVTEST LABS Environment management for creating and managing environments for development and testing



DRIVING DIGITAL TRANSFORMATION WITH DEVOPS

Apexon brings strategic expertise to integrate Azure DevOps and GitHub, delivering tailored solutions to meet digital transformation goals. Our approach focuses on:

<p>END-TO-END LIFECYCLE MANAGEMENT</p> <p>Seamlessly manage planning, development, and deployment with Azure DevOps. Utilize GitHub's world-class version control for efficient collaboration.</p>	<p>AUTOMATED CI/CD PIPELINES</p> <p>Implement CI/CD pipelines with Azure DevOps and GitHub Actions to speed up builds, testing, and deployments.</p>	<p>INTEGRATED SECURITY AND COMPLIANCE</p> <p>Embed security practices into the SDLC using tools like Dependabot, Code Scanning, and Azure's compliance features.</p>
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INDUSTRY-SPECIFIC SOLUTIONS

- **Healthcare & Life Sciences:** Secure pipelines for HIPAA-compliant deployments.
- **Manufacturing & Energy:** Automate IoT integrations and updates.
- **Retail & eCommerce:** Minimize downtime and enhance user experiences with agile releases.
- **Financial Services:** Ensure robust security and regulatory compliance.

APEXON'S DEVOPS APPROACH AND PROCESS

01 DIGITAL READINESS ASSESSMENT Evaluate your current landscape for transformation readiness	02 DEVELOPMENT OPTIMIZATION Enhance processes with version control, CI/CD, and agile collaboration	03 SECURITY INTEGRATION Proactively address vulnerabilities with DevSecOps principles	04 MONITORING & CONTINUOUS IMPROVEMENT Real-time feedback loops for sustained excellence	05 SCALING FOR GROWTH Optimize infrastructure for scalability and cost-efficiency
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APEXON VALUE PROPOSITION

Apexon combines proven expertise and strategic tools like Azure DevOps and GitHub to deliver measurable outcomes, including:

<p>FASTER RELEASES</p> <p>Automate CI/CD to reduce release cycles by up to 50%</p>	<p>STRONGER SECURITY</p> <p>Embed security into the SDLC, reducing vulnerabilities by 40%</p>	<p>ENHANCED EFFICIENCY</p> <p>Foster collaboration and streamline workflows, improving team efficiency by 30%</p>	<p>COST OPTIMIZATION</p> <p>Leverage infrastructure as code (IaC) to cut infrastructure costs by 20-30%</p>
<p>SCALABLE INFRASTRUCTURE</p> <p>Maintain 99.9% uptime with azure autoscaling</p>	<p>AI-DRIVEN INNOVATION</p> <p>Accelerate development by 20% with tools like github copilot</p>	<p>SEAMLESS DEPLOYMENT</p> <p>Achieve faster, error-free releases across environments</p>	

GETTING STARTED ON YOUR DEVOPS JOURNEY

Free Assessments Evaluate your current workflows to identify areas for improvement in both Azure DevOps and GitHub	Proof of Concept (POC) Showcase tangible benefits like CI/CD automation and enhanced repository management through targeted implementations	Partner Opportunity Accelerators Access funding to support the adoption of advanced Azure DevOps And GitHub features, driving faster digital transformation
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