

What is Azure DevOps?

“**DevOps** is a culture, a movement, a philosophy”. **DevOps** from Servent helps you leverage the full potential of the move to a Cloud Operating Model, with practices and principles to maximise utilisation and agility and minimise costs of your Cloud environment.

Why Servent?

With many years’ experience to providing end-to-end solutions on Azure, we can help your company implement DevOps practices in each of the application & infrastructure life cycle phases: plan, develop, deliver and operate.

- **Plan** - define and describe features and capabilities of the applications and systems they are building.
- **Develop** - writing, testing, reviewing and the integration of code (app and infrastructure).
- **Delivery** - is the process of deploying applications into production environments.
- **Operate** - phase involves maintaining, monitoring and troubleshooting applications in production environments.

Our proven approach can help simplify the transition to managing resources in the cloud environment.

The **Journey to a Modern Enterprise** is our proven approach to moving customers to Azure. **DevOps** is an offering which is part of this approach, built from many years’ experience of moving customers to the cloud.

Improve collaboration between all stakeholders from planning through delivery and automation of the delivery process. Through the implementation of core foundational processes, we can guide your company on its DevOps evolution.

Assessment & Planning



- Assess existing DevOps maturity
- Identify appropriate toolsets
- Setup Kanban boards, dashboards & reporting platforms

Automation



- Setup & automate CI/CD pipelines, GitHub actions
- Utilise Infrastructure as Code (IaC)
- Use ARM Templates, Azure CLI, PowerShell, Terraform etc

Management & Operations



- Comprehensive monitoring & alerting
- Thorough knowledge transfer
- Apply security compliance & governance

Read on to understand how **DevOps** from Servent can help your **Journey to a Modern Enterprise**.



DevOps Assessment & Planning

Establish an understanding of your company, from its cultural and organisation structure, operations and support processes to the current infrastructure & application design & architecture, test and verification strategies, and if any existing continuous integration/continuous delivery processes are present.

Typical questions include.

- What's company's approach to managing and deploying infrastructure?
- Do Development and operations responsibilities share knowledge & tools?
- Your QA and testing processes?
- How applications/compute resources perform once released into production?
- How you deploy code to production?
- Do monitoring solutions predict potential issues before users are affected?
- How company route incidents and alerts?

We'd establish the use of **Azure DevOps Kanban boards** to manage migration and ongoing processes, operation and leverage Azure DevOps dashboards and can also hook into existing reports tools.

DevOps Automation

We'd help your organisation in delivering automation to eliminate repetitive manual work, yield repeatable processes, and creating reliable self-service.

We will help you define **Azure DevOps CI/CD pipelines** and manage releases to potentially multiple Azure and on-prem environments.

We can also assist in your management of resource configuration across your entire system:

- to enforce desired states,
- roll out configuration updates,
- automate resolution of unexpected changes and issues.

DevOps Management & Operations

Along with establishing the retrieval of insights into your code and infrastructure quality throughout the DevOps pipeline, we can also ensure both monitoring & alerting aspects are covered, such as:

- collection, query and analysis of Azure diagnostic logs and metrics to gain insights and mitigate issues.
- monitoring infrastructures health and integrating output into **Azure dashboards**
- configuring actionable customised alerts across Azure services.

Training & Knowledge Transfer

Full knowledge transfer & training to ensure your staff are fully skilled in the DevOps implementation.

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Silver Security
Silver DevOps
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