VMware DevOps Consulting Services

AT-A-GLANCE

VMware's DevOps Consulting Services optimize your DevOps processes and tools to enable you to reduce the time-to-market while increasing the quality of software releases.

Our experts work with your team to develop and execute upon a strategy for continuous delivery, automated configuration management, security and resilience, all built upon VMware's developer-friendly, enterprise ready platform.

Developer-Friendly, Enterprise-Ready

For many organizations today, success hinges on the time-to-market and quality of the applications they are producing. To speed up the software delivery process and bridge the gap that is often prevalent between development and operations teams, organizations are turning to DevOps.

DevOps is a software delivery approach that mandates that a cross-section of disciplines, including development, QA, release, infrastructure and IT operations, work as a cohesive unit from project inception through deployment, and re-deployment. An optimized DevOps approach enables organizations to deploy testable software in small increments, at a very rapid pace.

Our VMware DevOps consultants enable and equip our customers with the technologies and tools to empower project teams, and provide the necessary organizational change management programs to ensure successful DevOps adoption.

Services Overview

Our complete solution for DevOps offers an incremental, stair-stepped approach to achieving your full DevOps vision. No matter how large, complex or distributed your IT organization is, our DevOps experts can help you succeed in making the transformation to a collaborative, adaptive team that is exponentially more efficient and strategically aligned with the rest of your business.

DevOps Strategy Development

High-velocity application development and delivery is now on every CIO's agenda. To deliver on this promise, changes must be made in how applications are developed, deployed and managed.

Our DevOps experts work with you to:

• Assess your organization's readiness for DevOps and continuous delivery transformation

• Identify improvement opportunities spanning people, processes and technology in the areas of:
  – Software development life cycle
  – Source code management
  – Artifact repositories
  – Configuration management
  – Continuous integration
  – Provisioning
  – Operational management

• Create an adoption strategy and roadmap for moving forward

Continuous Delivery and Continuous Integration

For some companies "fast" means monthly software releases; at the most extreme, application updates happen hourly. To support continuous delivery—however you define it—processes and tools need to be highly automated and integrated, support effective collaboration across teams, and enable teams to rapidly deploy smaller, incremental software updates.

About VMware Professional Services

VMware Professional Services transform IT possibilities into business outcomes. Our comprehensive portfolio of consulting and education services help you uncover and exploit the unique opportunities made possible by VMware technology and solutions.

Drawing on our unparalleled product expertise and customer experience, we collaborate with your team to address the technical, people, process, and financial considerations for your VMware solution to deliver results that are positive, tangible and material to IT and your business.

For more information on VMware Professional Services and how we can help you, contact your local VMware representative or visit www.vmware.com/consulting.

Our consultants work with you to analyze, design and implement end-to-end deployment pipelines using best-of-breed VMware and open source software. We will also work with you to establish or update continuous integration capabilities using modern tools and methods.

Configuration Management

As software moves from development to production, inconsistent or manual configuration practices can drastically slow down the process and introduce errors. Automated, reliable and reproducible server, platform and application configurations allow teams to develop and test in "production-like" environments, accelerating delivery and improving quality.

Our consultants work with your team to design and implement a modern configuration management solution built for traditional and scale-out architectures. We establish base patterns for usage and create initial automations. Our solutions reduce or eliminate manual work, increasing efficiency and freeing your team to focus on additional development or operations improvement. Your teams work faster, with greater precision, to deliver business value sooner.

Ensuring Continuous Quality

DevOps not only addresses speed of delivery, but engages teams to work across silos to ensure that services are delivered to end users with high quality and availability. Our continuous quality offerings provide assurance that solutions are resilient, secure and functioning as expected.

To ensure application resilience, we simulate a variety of run time failures in the environment to uncover any architecture, design or implementation gaps that might lead to serious unplanned outages.

To ensure continuous security, load and functional testing we build solutions that make it easier to run tests earlier in the lifecycle, such as during development, and run them regularly throughout production.

DevOps on VMware

VMware offers the industry's only end-to-end developer-friendly, enterprise-Ready platform that supports the entire portfolio of business applications – from complex, business-critical applications to new cloud-native services.

Our experts work with you to build and deliver applications sooner on top of VMware's powerful platform, with technology solutions like vRealize Code Stream, vCloud Air, VMware Integrated OpenStack, vRealize Automation, and VMware's Cloud Native Application portfolio of tools, all of which integrate with popular DevOps tools from other vendors such as Puppet, Chef and Ansible.

Utilizing VMware's industry leading software-defined networking and storage solutions, we help customers go beyond basic scenarios for DevOps to automate complex networking and storage use cases, further fueling innovation and accelerating time to market.

vmware®