THE RIGHT TOOLS AT THE RIGHT TIME

Building the DevOps Toolkit

One of the more challenging aspects of implementing DevOps is introducing best-in-class software tools to support a DevOps environment. The team at Forty8Fifty Labs provides a customized approach to selecting, architecting and deploying proven industry tools that best support DevOps implementations of all sizes.

The DevOps Journey – Powered by People

The standpoint that 'developers only develop' and 'operations only operate' is a thing of the past. Any organization considering DevOps must first focus on adopting a continuous delivery culture. Management philosophies alone won't get you there. You need the right combination of customized software solutions to achieve the rapid speed of DevOps. You need a toolkit.

We Bring Our Own Tools

The teams at Forty8Fifty Labs are uniquely positioned to provide real-world implementation experience, having worked directly with customers to integrate the right tools effectively, from both a development and infrastructure standpoint. In general, our DevOps Toolkit includes a healthy mix of orchestration and automation tools, collaboration tools, cloud-based solutions and virtualization products designed to reduce the physical restraints of traditional server hardware and infrastructures.

A standard toolkit might include some, or all, of the following tools:

- **Build Automation Tools** such as Jenkins, ANT or Urban Code.

- **Configuration Management Tools** like Puppet, Chef or Ansible that enable automation to support smooth, consistent, stable and scalable deployments.

- **Operational Tools** that address logging, security or application monitoring, offering users the opportunity to visualize operational realities and help make more-informed decisions.

- **Microservices Tools** like Docker that allow teams to wrap software in a single filesystem – referred to as a 'container.' These containers host everything that software needs to run autonomously: code; runtime libraries; database and web application servers; that once 'containerized,' can be deployed anywhere, anytime.

- **Application Intelligence Tools,** built on Hadoop and Splunk, provide robust analytics and monitor security, fault tolerance, capacity planning, configuration management, availability and performance.
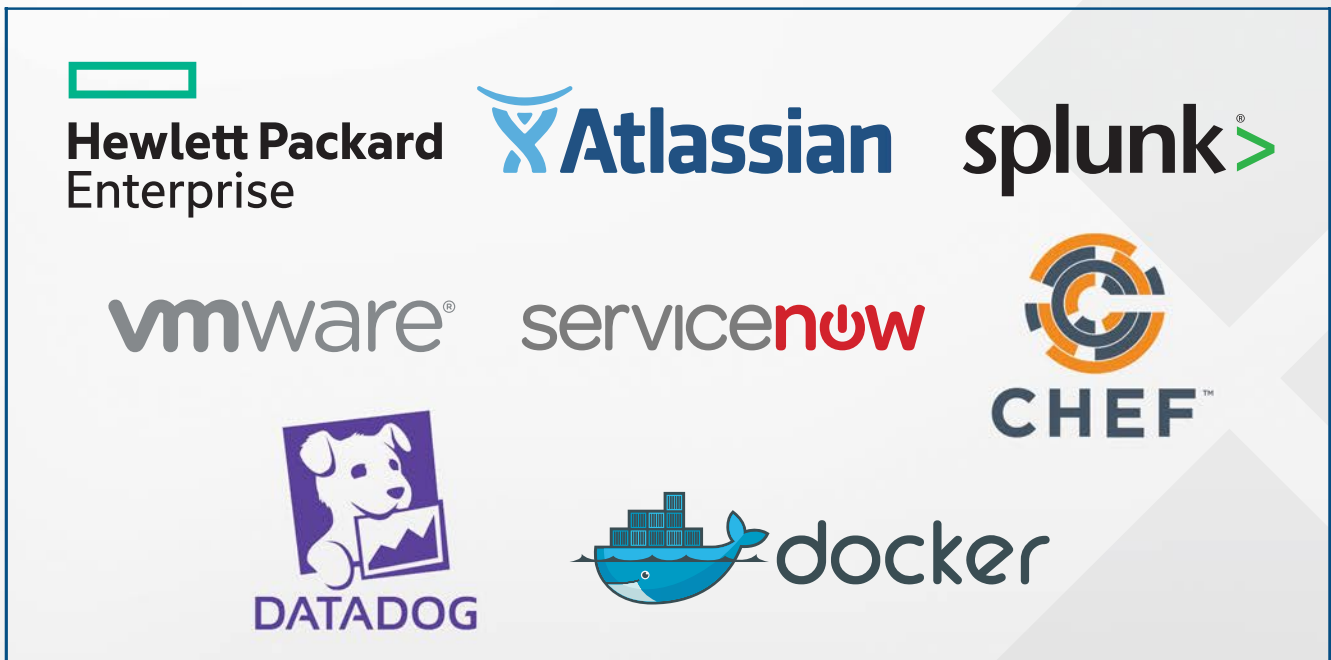
- ***Cloud Implementation Tools*** such as the Atlassian suite (JIRA, Bitbucket, Confluence and JIRA Service Desk) can support the architecture, integration and automation of cloud deployments in DevOps efforts. By leveraging the cloud, implementations can be consistently repeated, shared and promoted across your entire environment, providing the building blocks for a continuous delivery pipeline.

We Approach Your Business Like It's Our Business

Our DevOps services span the lifecycle from assessment to implementation and help you shift to a true continuous delivery model, utilizing solutions that meet your organizational needs. At Forty8Fifty, we follow a holistic approach to solution architecture. While we maintain formal relationships with leading vendors, we also leverage a variety of open source and third-party tools and platforms to build out a custom toolkit. Often, the best tool may be the one already in place, and we work with our clients to introduce the least invasive solutions that provide the most value.

Our Partnerships Are a Big Deal

Our teams have established strong working relationships with leading industry-specific DevOps solution providers such as:

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We also provide expertise in integrations with a broad range of additional tools and platforms including:

PUBLIC CLOUD
amazon web services | Windows Azure

CONFIGURATION MANAGEMENT
ANSIBLE | SALTSTACK | CFEngine | puppet labs | cobbler

DATABASE
cassandra | mongoDB | PostgreSQL | MySQL | ORACLE

DEPLOYMENT
urban{code} Deploy | Electric Cloud | Jenkins | cruisecontrol | TeamCity | AWS CodeDeploy

REPOSITORY MANAGEMENT
JFrog Artifactory | Nexus

CODE QUALITY
sonarqube

COLLABORATION
slack | VERSIONONE Agile Made Easier | mingle | Basecamp

NETWORK & SECURITY
f5 | Citrix NetScaler | BLUE COAT | BLUECAT | Infoblox CONTROL YOUR NETWORK | paloalto NETWORKS | redhat

velocification (vəˈ-läs-ə-fə-kā-shən) n. 1. the power to harness today's most innovative software technologies and supercharge your business. 2. the superhuman abilities to accelerate your DevOps journey, improve your business velocity and get the most out of your Atlassian solutions. 3. the other-worldly insight, experience and custom software development capabilities to unlock the full potential of your business - in a single bound.

Call Forty8Fifty Labs today to start building your DevOps Toolkit.

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