DevOps Assessment Services

As an IT leader, you are challenged to efficiently manage the ever-changing demands on your Development and Operations environments. We understand the issues and the complexity associated with designing and operating these environments and have a plan to help. The DevOps assessment examines your current landscape for a model application evaluating architecture and implementation resulting in a custom report with recommendations to improve the environment and a DevOps Adoption Blueprint to help you scale DevOps across your business.

DevOps Assessment Offering

The four pillars of the DevOps assessment ensure the fundamental foundations of your DevOps environment are aligned across your team to exceed user satisfaction objectives and designed for agility, stability, efficiency, quality, and security to support your DevOps business goals.

STRATEGIC ROADMAP & RECOMMENDATIONS
The DevOps assessment produces DevOps Vision, Maturity Gap Analysis and Value Stream Mapping for a model application. Practical recommendations identify specific improvements to people, process and technologies for your DevOps future state. With a tool-agnostic approach, design recommendations incorporate existing technology as appropriate to leverage current investments while emphasizing deviations where needed to improve capabilities. An output of the assessment is a strategic roadmap to guide you and your business when the time comes to implement changes in future workstreams.

DEVOPS VISION
The Vision workshop creates a specific definition of what DevOps means to your organization and identifies a measurable goal for your DevOps implementation. The analysis covers twenty goals across six categories that are measured by the DevOps industry including agility, stability, efficiency, quality, security, and employee satisfaction.

MATURITY GAP ANALYSIS
The maturity analysis uses over 75 data points to quantify the deviations from best practices related to Leadership, Culture, Application Development, Continuous Integration, Continuous Testing, Continuous Monitoring, Infrastructure On-Demand, Continuous Delivery/Deployment, and Continuous Security. The analysis for each category evaluates your current state and will help prioritize remediation efforts.

VALUE STREAM MAPPING
The Value Stream Mapping workshop engages your DevOps cross-functional team to create a current state end-to-end map of your processes. The map will identify contributing factors and bottlenecks impeding your ability to achieve your DevOps objectives. Expert analysis, combined with the Maturity and Gap Analysis data, creates a future state value stream map. The resulting map serves as a guide to help your organization achieve your DevOps business goals consistent with your DevOps Vision objectives.
Assess Your DevOps Environment Across Nine Practice Areas

LEADERSHIP
Gain insight and understanding of your leadership practices and how leadership can improve DevOps adoption and performance.

CULTURE
Identify opportunities to improve cross-functional collaboration and communication across your organization.

APPLICATION DEVELOPMENT
A practical analysis of application development practices identifies improvements for your DevOps performance.

CONTINUOUS TESTING
Analysis of end-to-end software testing, verification workflows, and tools identifies bottlenecks and improvements for accelerating testing while improving the coverage and quality of tests.

CONTINUOUS INTEGRATION
Analysis of branching and software integration workflows and tools identifies bottlenecks and improvements for builds and packaging processes.

CONTINUOUS MONITORING
Analysis of end-to-end monitoring workflows and tools for applications, releases metrics, and infrastructure provides improved visibility for all business and technical stakeholders.

CONTINUOUS SECURITY
Analysis of security practices and tools identifies opportunities to integrate security practices into the continuous delivery pipeline.

INFRASTRUCTURE ON DEMAND
Analysis of systems and services for orchestrating and hosting applications and DevOps workloads provides insights to improve performance and utilization of resources.

CONTINUOUS DELIVERY / DEPLOYMENT
Analysis of delivery and deployment practices identifies improvements for safer, faster, and more efficient releases.

### DEVOPS ASSESSMENT SCORECARD

<table>
<thead>
<tr>
<th>Practice Areas</th>
<th>Importance</th>
<th>Practice Level</th>
<th>Gap</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leadership</td>
<td>4.5</td>
<td>2.6</td>
<td>8.3</td>
<td>3</td>
</tr>
<tr>
<td>Culture</td>
<td>3.9</td>
<td>1.8</td>
<td>6.8</td>
<td>6</td>
</tr>
<tr>
<td>Application Development</td>
<td>4.4</td>
<td>2.3</td>
<td>5.8</td>
<td>7</td>
</tr>
<tr>
<td>Continuous Integration</td>
<td>3.6</td>
<td>2.5</td>
<td>4.8</td>
<td>8</td>
</tr>
<tr>
<td>Continuous Testing</td>
<td>3.5</td>
<td>1.5</td>
<td>7.3</td>
<td>4</td>
</tr>
<tr>
<td>Continuous Monitoring</td>
<td>3.4</td>
<td>0.7</td>
<td>10.2</td>
<td>2</td>
</tr>
<tr>
<td>Infrastructure On-Demand</td>
<td>2.6</td>
<td>0.8</td>
<td>6.8</td>
<td>5</td>
</tr>
<tr>
<td>Continuous Deliver / Deployment</td>
<td>2.5</td>
<td>1.8</td>
<td>4.1</td>
<td>9</td>
</tr>
<tr>
<td>Continuous Security</td>
<td>4.3</td>
<td>2.1</td>
<td>13.2</td>
<td>1</td>
</tr>
<tr>
<td>Overall Assessment (Avg)</td>
<td>3.6</td>
<td>1.8</td>
<td>7.5</td>
<td>-</td>
</tr>
</tbody>
</table>

Assessment Deliverables

- Expert recommendations specific to your business objectives
- Documented results for planning and managing growth
- Value stream map for current and future state streams
- Practical suggestions across nine practice areas
- Identification of enterprise maturity opportunities

Our team of experienced and certified DevOps consultants actively collaborate with your team and work seamlessly to ensure project success aligned to your business objectives.

Learn more or to engage our DevOps specialists visit www.trace3.com/DevOps

© 2018 Trace3. All rights reserved. All trademarks, service marks and trade names referenced in this material is the property of their respective owners. AO DOI 1118