About Teleperformance

We specialize in design, implementation, and support of complex Cloud and IT environments, and large-scale datacentres. Our team consists of the best DevOps Engineers, IT & Security professionals, and Solution Architects. We create & maintain state-of-the-art cloud & IT environments. We create customized solutions, tailor-made for you!

DevOps Assessment & Roadmap Design

Unlock the key to faster and more secure software delivery with our DevOps Assessment!

Revolutionize your software development lifecycle by identifying bottlenecks, creating strategic alignment, and accelerating time-to-market.

Our assessment helps you better understand and evaluate your DevOps initiatives while delivering tangible benefits, including increased collaboration, robust solutions, and improved quality and productivity.

With a roadmap tailored to your needs, we guide you through optimizing processes, integrating automation, and fostering a culture of improved operational efficiency and faster feature delivery. Seize the opportunity to streamline your DevOps practices, reduce cycle times, and achieve faster, confident releases.

Description

The DevOps Assessment aims to evaluate an organization's ability to implement DevOps practices while identifying the bottlenecks in the software development lifecycle.

The assessment involves examining current processes, technology infrastructure, and organizational culture to pinpoint opportunities for enhancement. The insights and suggestions derived from this evaluation can empower organizations to refine their DevOps methodologies, foster better collaboration and communication, and ultimately elevate the efficiency of their software delivery processes.

Key Features

1. **Comprehensive Assessment**
   - In-depth evaluation of an organization's DevOps practices and tools.
   - Identification of bottlenecks in the software development lifecycle.

2. **Strategic Alignment**
   - Illustration of the importance of DevOps in achieving organizational strategic goals.

3. **Business and IT Value Creation**
   - **Creation** of value through enhanced business and IT alignment.
   - Accelerated time-to-market for faster product delivery.

4. **Robust DevOps Solutions**
   - Development of robust DevOps solutions and practices.
   - Anticipation and mitigation of key obstacles in production operations.

5. **Quality and Productivity Improvement**
   - Improvement of quality and productivity in operations.
   - Reduction of cycle times and time to market through streamlined processes.
6. **Enhanced Collaboration**
   - Promotion of increased collaboration between teams.
   - Dedicated support to foster effective teamwork.

7. **Strategic Deliverables**
   - DevOps tooling strategy for efficient delivery processes.
   - Shortened feedback loops and reduced lead time for code release.

8. **Real-time Feedback**
   - Real-time feedback through review and demo as code evolves.
   - Integration of operations into the daily work of development.
9. **Standardization and Simplification**
   - Standardized tools, architecture, and infrastructure stacks.
   - Simplification and reduced variability through standardization.

10. **Frequent and Confident Releases**
    - Release software more frequently with confidence.
    - Utilization of release management and deployment patterns.

Benefits

- Create value with business and IT alignment.
- Achieve faster go to market.
- Develop robust DevOps solutions and practices.
- Improve Quality and Productivity in operations by anticipating key obstacles in production.
- Reduce Cycle Times and time to market by speeding up processes on each release.
- Increase Collaboration between teams with our support.

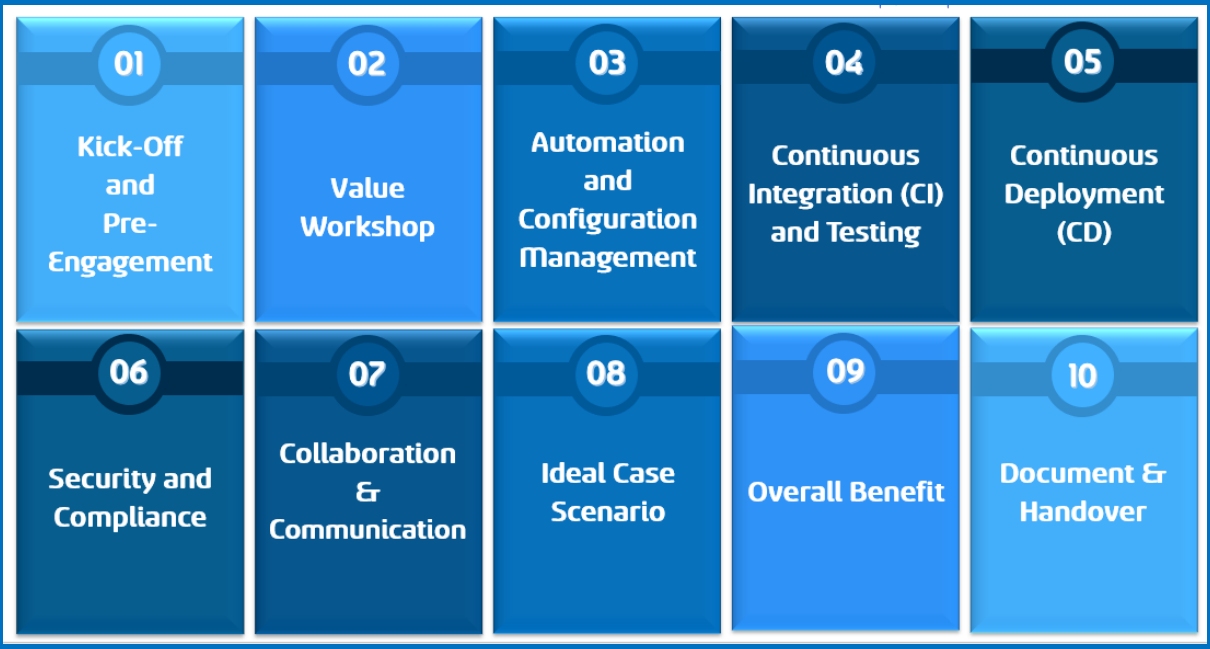
Deliverables

- DevOps Tooling Strategy
- Shorten feedback loops by making the delivery process efficient.
- Reduce lead time from checked-in code to release to production.
- Make all work visible with success metrics clearly defined.
- Address technical debt as it happens (vs. building up over time)
- Integrate operations into the daily work of development.
- Application monitoring, alerting, and telemetry are built into tools and process.
- Automated testing as code is built, by developers.
- Provide feedback in real-time through review and demo, as the code evolves.
- Standardize tools, architecture, and infrastructure stacks to promote simplification and reduce variability.
- Release software more frequently, with confidence using release management and deployment patterns.

Who Should Consider our DevOps Assessment & Roadmap Design offering?

- Mid-sized Businesses: Companies seeking to leverage the cloud for growth and innovation.
- Startups: Rapidly deploy cloud infrastructure to support your innovative ideas and products.

10-Day Plan



Day 1: Kick-Off and Pre-Engagement

- Conduct a kick-off meeting with key stakeholders to understand the purpose, objectives, and expectations of the assessment.
- Define the scope and boundaries of the assessment, clarifying which teams, processes, and technologies will be evaluated.
- Set up communication channels for the assessment team to collaborate effectively during the evaluation.

Day 2: Value Workshop

- Conduct a value workshop with representatives from different teams (developers, operations, etc.).
- Identify pain points, bottlenecks, and areas for improvement in the current DevOps processes and workflows.
- Define success criteria and specific metrics that will be used to measure improvements.

Day 3: Review Documentation

- Review existing automation tools and practices for infrastructure provisioning and configuration management.
- Evaluate the effectiveness and coverage of automation and identify areas where manual processes can be automated.
- Recommend tools or enhancements to streamline automation and configuration management.

Day 4: Continuous Integration (CI) and Testing

- Assess the CI process and pipelines, focusing on build times, test coverage, and code quality.
- Review the effectiveness of automated testing strategies and identify gaps in the testing process.
- Provide recommendations for optimizing CI and testing to ensure faster and more reliable software delivery.

Day 5: Code Review and Quality Analysis

- Assess the CD pipelines and their efficiency in automating the build, test, and deployment processes.
- Review the rollback and monitoring mechanisms for successful deployments.
- Identify opportunities for minimizing deployment lead time and reducing the risk of failed deployments.

Day 6: Security and Compliance

- Assess the security practices in place and identify potential vulnerabilities in the deployment process.
- Evaluate compliance with relevant regulations and industry standards (e.g., GDPR, HIPAA, PCI DSS, etc.).
- Recommend security and compliance measures to enhance the overall DevOps process.

Day 7: Collaboration and Communication

- Evaluate the collaboration and communication tools used by different teams.
- Assess the effectiveness of team interactions and knowledge sharing.
- Recommend tools and practices to improve collaboration and streamline communication.

Day 8: Ideal Case Scenario

- Define an ideal case scenario for the organization's DevOps practices.
- Map out the steps required to achieve the ideal scenario, including tooling, automation, culture, and process changes.
- Discuss with the team to validate the feasibility and gather their input.

Day 9: Overall Benefit

- Quantify the potential benefits of implementing the DevOps roadmap, such as increased efficiency, reduced time-to-market, and improved quality.
- Prepare a cost-benefit analysis to demonstrate the value of the proposed changes.

Day 10: Document & Handover

- Document all the assessment findings, recommendations, and the roadmap for improvements.
- Prepare a comprehensive assessment report and presentation for stakeholders.
- Conduct a handover session to transfer knowledge and insights to the internal teams for further implementation.