

DEVOPS ROADMAP FOR CLOUD - IMPROVEMENT

ACCELERATING DEVOPS TRANSFORMATION

CHALLENGES YOUR ORGANIZATION MAY BE FACING

- Identifying the appropriate DevOps tooling and implementation of the tools
- Transitioning to, and training current teams for, DevOps
- Understanding Continuous Integration / Continuous Development (CI/CD) use cases and process improvement
- Understanding existing DevOps gaps and where to improve
- Establishing a DevOps mindset for the enterprise



HPE DEVOPS ROADMAP FOR CLOUD

Take your next steps in DevOps transformation



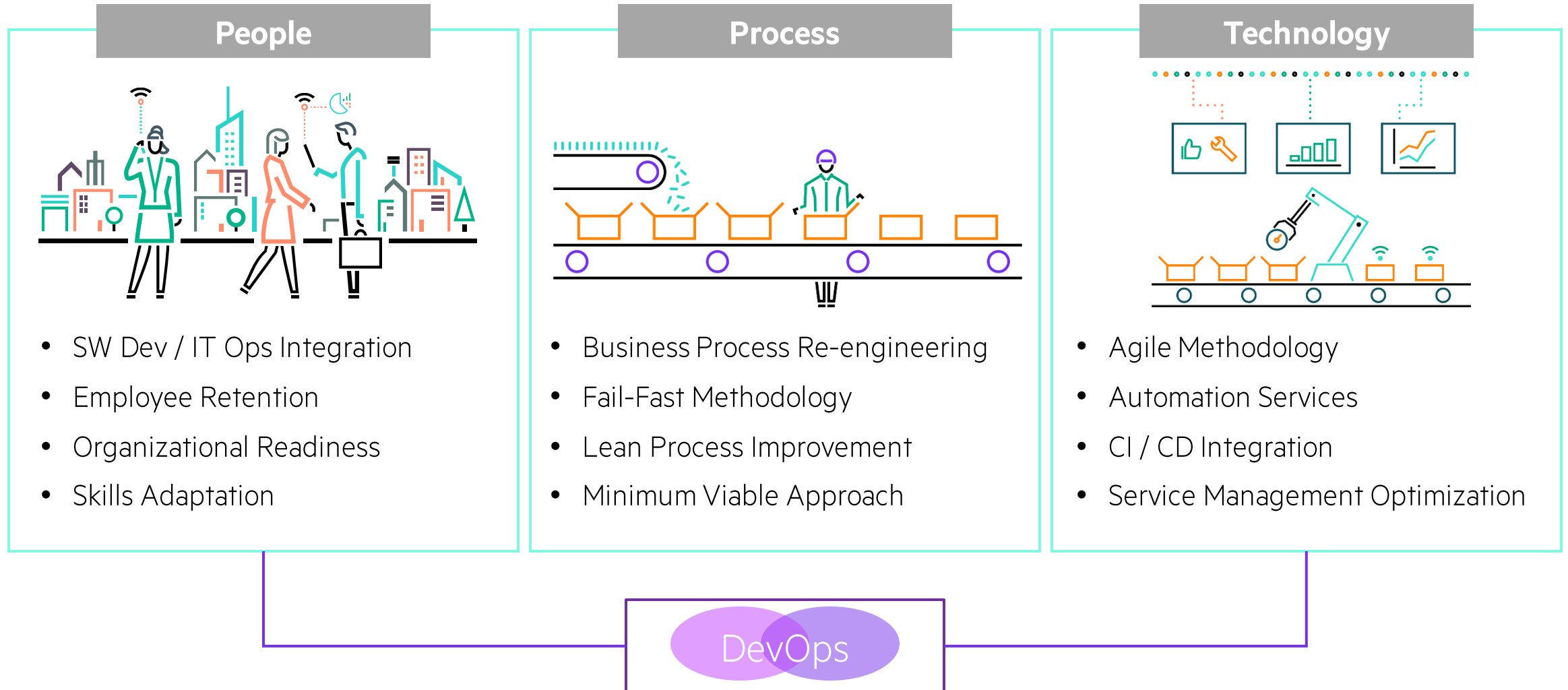
Features

- Assesses current DevOps capabilities and practices and define a roadmap for improvement
- Built from experience in hundreds of cloud projects and assessed against a proven DevOps Maturity Model
- Scoped to your needs - DevOps Improvement, Transition, or Transformation

Outcomes

- Documented findings of current DevOps capabilities, tools, and processes
- DevOps roadmap identifying a successful path forward
- Understanding of DevOps best practices and guidelines

HOW WE VIEW DEVOPS



DEVOPS MATURITY ASSESSMENT – WHERE IS YOUR TEAM?

Provided in the DevOps Transition and Transformation offerings

Maturity Level	People	Process	Technology
Level 5 Optimized	<ul style="list-style-type: none"> A culture of continuous improvement permeates throughout the organization 	<ul style="list-style-type: none"> Self-service automation Risk & cost optimization High degree of experimentation 	<ul style="list-style-type: none"> Zero downtime deployments Immutable infrastructure Actively enforce resiliency by forcing failures
Level 4 Measured	<ul style="list-style-type: none"> Collaboration backed on shared metrics with a focus on removing bottlenecks 	<ul style="list-style-type: none"> Proactive monitoring Metrics collected and analyzed against business goals Visibility & predictability 	<ul style="list-style-type: none"> Build metrics visible and acted on Orchestrated deployments, auto rollbacks Non-functional requirements defined and measured
Level 3 Defined	<ul style="list-style-type: none"> Collaboration exists Shared decision making Shared accountability 	<ul style="list-style-type: none"> Processes are automated across SDLC Standards across organization 	<ul style="list-style-type: none"> Automated build & test cycle for every commit Push button deployments Automated user & acceptance testing
Level 2 Repeatable	<ul style="list-style-type: none"> Managed communications Limited knowledge sharing 	<ul style="list-style-type: none"> Processes established within silos No standards Can repeat what is known, but can't react to unknowns 	<ul style="list-style-type: none"> Automated builds Automated tests written as part of story development Painful, but repeatable releases
Level 1 Ad-Hoc	<ul style="list-style-type: none"> Silo based Blame, finger pointing Dependent on experts Lack of accountability 	<ul style="list-style-type: none"> Manual processes Tribal knowledge is the norm Reactive, unpredictable 	<ul style="list-style-type: none"> Manual builds and deployments Manual testing Environment inconsistencies

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Three offerings depending on your needs

DevOps Improvement (This offering)



Existing or planned tool
chain focus

DevOps Transition (additional offering)



Project level or business unit
focus

DevOps Transformation (additional offering)



Enterprise level focus

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Focus: DevOps Improvement

Activities

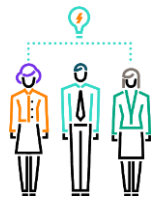
Assessment focused on existing or planned automation tool chain:

- Deliver a DevOps level-setting presentation
- Assess a small or very limited set of CI/CD use cases and technology stacks
- Define what best of breed looks like and changes required to current tool choices
- Create a Roadmap for improvement

Deliverables

Findings & Recommendations:

- Assessment of DevOps capability based on our DevOps Questionnaire
- Roadmap for DevOps improvement



Kickoff meeting, data request & alignment



DevOps Questionnaire & interviews



Analysis & recommendations report



Executive readout

BENEFITS

- Actionable roadmap for DevOps improvement to increase speed and time to market
- Assessment of existing practices based against industry best practices and experience
- Identification of bottlenecks across People, Process, and Technology
- Education on current DevOps trends and technologies



DevOps Workshop and Application Migration

How does an asset management firm accelerate their application migration to cloud using DevOps best practices and tools?

Customer Challenges

- Move Public Deal Platform and applications from Savvis to public cloud
- Automate processes to decrease application migration time
- Enhance operation of administration and management applications

Solution

- Conducted a DevOps Workshop focused on helping choose the right tools to accelerate migration
- Provided focused information, via DevOps Roadmap for Cloud – Improvement, on the tools and structure of the cloud platform so the team can move future acquisitions from residing providers to public cloud.

Results

- Accelerated response time to internal business units for creating new products and solutions
- Continued migration of additional applications to the public cloud platform, increasing the spend there
- Increased flexibility, agility, and cost savings

THANK YOU

Contact information