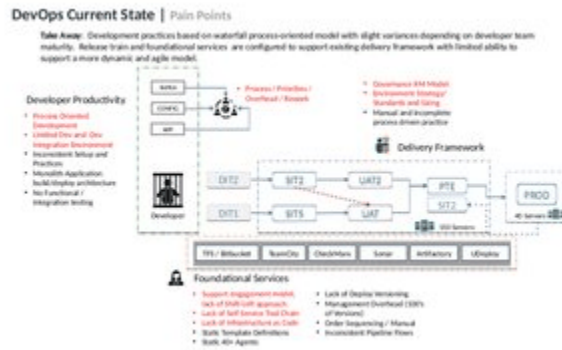


DevOps Assessment Stage 1

Stage	Process Interview Understanding and Documentation	Expected Output
1	Interview of partner / client resources to baseline understanding of their current processes, their role responsibilities, challenges with current setup, and 3 items for wish list they would like to see changed. As part of effort - determine lead time, process definition / documentation, prioritization of work, task effort, tools used for their activities, and how they measure their current pending, in-progress and completed tasks.	Documentation of current processes, roles & responsibilities, challenge points and desired changes. If required - go into deep process discussion and document an end-2-end value map of as-is process focusing on developer productivity, delivery framework, foundational services (tool chain, infrastructure, etc) and operations management.



Group	Resource	Process Questionnaire	Engineering Questionnaire
Delivery Management	Program Manager	<ul style="list-style-type: none"> How does the release process align with the program delivery function - specifically aligning one or more features / Epics to one or more release trains What capabilities are available for you to determine if your project is on track or delayed in a daily basis Does the current offerings from Release Management support your product innovation cycles - if not what are the challenges you see that causes the most delays for your team What is the current process to identify infrastructure changes and have them implemented associated to a particular release train in the desired environments during the release cycle What are some challenges in your current delivery model - you would like to address (dev quality, test automation maturity, release management processes, requirement management, operations stability) What are some changes you would like to see from your partners to further drive your delivery team to accelerate their productivity 	<ul style="list-style-type: none"> How do you manage requirements - what is the parent/child relationships between (Epic, Feature, Story, Task) and how is that work distributed across teams

Product Owner		<ul style="list-style-type: none"> • What is the overall structure for managing Projects / Products - is there a consistent manner from getting requirements broken down into specific tasks? • How do we manage team velocity, planned task activities and align them back to a feature / Epic. • How are systems / applications logically mapped in requirements - to determine dependencies and how is that work sequenced to be delivered in a structure manner (sprint, etc). • What is the role of Product Owner - with regards to sprints or deliverable items that are completed in sequence / parallel. • Does the Product Owner sign-off on changes before they are updated to an integration environment. 	
Release Manager		<ul style="list-style-type: none"> • What is the current role / responsibilities for release management function (are they involved in product roadmap, delivery of sprints management, integration phase, deployment to production) • How do you measure RM value and contribution to the overall delivery process • What are the different type of roles / resources that makeup the RM team • What are the technical activities your team executes as part of the release train model (deploying of code, patching of systems, bug triage) • What is the environment management strategy (dev, non prod, prod) and how do you manage environments hygiene • What is the release train process and lifecycle <ul style="list-style-type: none"> • Different Type of Release Trains • Release Scorecards and Audit • Release Readiness Criteria and Communication plan • Deployment Change Window Activities and Duration • What are the pain points your team encounters that impacts your ability to deliver at a higher quality • How do you manage different team and application maturity in determining different release types available for them • What is the engagement model with Operations in determining change window, release readiness and production roll out activities • Is your team involved in defining and prioritizing the tool chain and infrastructure services • What are some challenges in your current RM model - you would like to address (dev ownership and quality, test automation, environment stability, self service tool chain, accountability) • What are some changes you would like to see from your partners to further drive your RM team to accelerate their productivity 	<ul style="list-style-type: none"> • Is there a documented process for release train registration, certification activities quality index, and lessons learned / post mortem. Can you share the guidelines / documentation for a sample release. • How do you manage and track database changes, how are database updates and synchronization managed. Can you share a sample for your database versioning model, and database updates.

Development	Developer	<ul style="list-style-type: none"> • What is the activities required for a developer to complete their daily tasks • What is the lifecycle of your changes - walk thru from requirement, code checkin, code review, pull request, build and deployment in dev environment, code quality • How easy/difficult is it to onboard a new developer to your team - what is the process to access project source code, workspace management, infrastructure / environment setup • Please walk thru the application architecture / design and how your code structure is setup in projects / repos aligned to your source systems, build architecture, deployment model for your dev environment 	
	Dev Manager	<ul style="list-style-type: none"> • What is your organization structure, how many developers are you responsible for. What is your role in the development phase. • Walk thru of the development engagement with product, architecture, program management and delivery functions • Does your team have the ability to self-service their requests related to building, deployment and managing environment changes (application, configuration, database and infrastructure) • How do you measure developer productivity and do you provide opportunities for team members to learn new technologies • How do you measure developer quality (throughput, quality of code checkins, success builds, etc) • What is your developers involvement in the release train (release registration, technical information documentation for review with other parties, supporting managed environment issues, change windows to production, production outages) • What are some challenges in your current developer model - you would like to address (dev on-boarding, dev productivity, dev measurement, right role activities) • What are some changes you would like to see from your partners to further drive your development team to accelerate their productivity • Is your team ready to take on end-2-end ownership of their product innovation, development, delivery and support post production. If not - what is the concern (time, skill, or mindset) 	
	Architect	<ul style="list-style-type: none"> • Provide enterprise architecture overview of applications, platform and infrastructure supporting targeted applications • How do you currently design and approve infrastructure changes (middleware, hardware, etc) to ensure alignment across dev practices and follow an enterprise strategy • What are some challenges in your current architecture model - you would like to address (monolith systems, inconsistent middleware and technologies) • What are some changes you would like to see from your partners to further drive your architecture team to accelerate their productivity 	

Test Engineering	Tester	<ul style="list-style-type: none"> • What is the activities required for a tester to complete their daily tasks • What is the over-arching role of test engineering team (are they responsible for deploying to environment, infrastructure and environment testing frameworks, managing their own environments and control of managed environments) • What is the lifecycle of your test activities - walk thru from requirement, test plans, functional automation, integration suite, regression suite, performance suite • What is the maturity of the test automation suite - is it available during development phase, how and when are updates made to regressions suite for a release train 	
	Test Manager	<ul style="list-style-type: none"> • What are some challenges in your current testing model - you would like to address (test automation, environment readiness and availability, early integration points, quality of code) • What are some changes you would like to see from your partners to further drive your testing team to accelerate their productivity 	
Tools Team	Build Engineer		
	Release Engineer		
	DevOps Developer	<ul style="list-style-type: none"> • What is the role of DevOps engineering in the delivery lifecycle • What are the type of activities your team supports - how do you engage to execute those activities for existing platforms • How do you gather requirements for activities / services to be delivered by your team to accelerate delivery for development / test teams • Provide walk-thru of tool chain to support delivery models (dev onboarding, dev-centric tool chain for development, source system onboarding, artifact versioning and management, packaging model, publish model, deployment automation, infrastructure and app monitoring) • What are the self-service capabilities available and in-flight to support the delivery chain • What are some challenges in your current DevOps model - you would like to address (tool chain architecture, tool chain adoptions, measurement and metrics, skillset) • What are some changes you would like to see from your partners to further drive your DevOps team to accelerate their productivity 	

	Systems Engineer	<ul style="list-style-type: none">• What is the role of systems engineering in the delivery lifecycle• What are the type of activities your team supports - how do you engage to gather and execute those activities for existing platforms• How do you gather requirements for activities / services to be delivered by your team to accelerate delivery for development / test teams• Provide a breakdown of environments / servers managed covering dev, test, managed environments and production systems• What is the process for updating environments (system upgrades, middleware updates, vulnerability management)• What are some challenges in your current model - you would like to address (alignment of requirements with services, service adoption, bypassing steps, last minute requests)• What are some changes you would like to see from your partners to further drive your team to accelerate their productivity	
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