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Application Performance Monitoring



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Course Agenda

Application Performance Monitoring (APM)

01 | Overview of APM

03 | System Center

02 | Application Insights

04 | Closing

01 | Overview of APM



Module Overview

- Manage & Operate Applications
 - Approach and Benefits
- Overcome the DevOps disconnect
 - What is DevOps & What is driving DevOps
- Complete APM solutions
 - Server-side & Client-side
- Managing applications across multiple clouds
 - Private, Public & Hybrid
- Application Lifecycle Management Overview
 - The right tools for the job
 - Introduce AI & SC tools

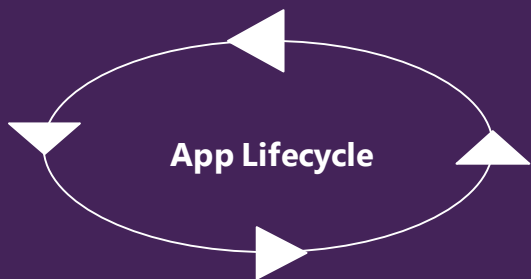
Manage & Operate Applications

- Approach
 - Manage and monitor traditional, private, and public cloud applications
 - Deliver performance driven management of applications with deep application insight and diagnostics
 - Proactive monitoring and reporting at an application level
- Benefits
 - Deliver applications across private and public clouds allowing you to run applications where best suits your needs
 - Simplify the management of applications and their updating and configuration changes
 - Decrease the MTR with genuine root-cause analysis and diagnosis
 - Empower application owners to manage and maintain their applications

Overcome the DevOps disconnect

- What is DevOps?
- What is driving DevOps?
 - The Application Lifecycle Management framework
- Enterprise DevOps
 - Reduce MTTD
 - Reduce MTTR
 - Continuously Improve

What's DevOps?



DevOps is a full lifecycle investment



DevOps is a team undertaking

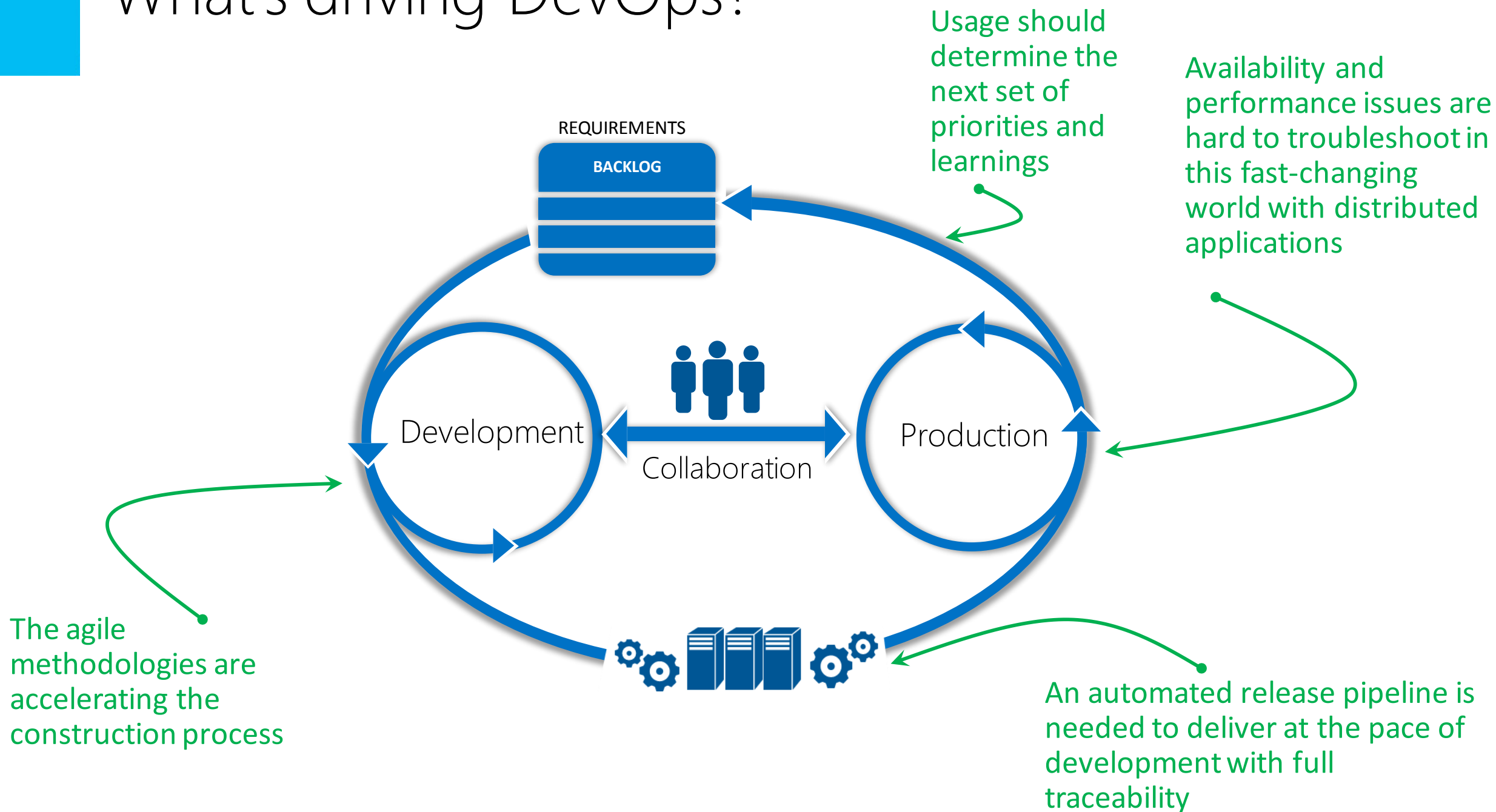


DevOps enables better software development and delivery practices



DevOps accelerates the last mile of continuous delivery

What's driving DevOps?





Enterprise DevOps

- Reduce MTTD - Know before your customers know
 - Get 360 degree view to application's health
 - Check service availability through global service monitoring
 - Automatic Alerts whenever your application is not responding
- Reduce MTTR - Quickly uncover the root of live issues
 - Detect if the problem is your code or your dependencies
 - Get actionable production diagnostics
- Continuously improve
 - Identify systemic issues and trends
 - Prioritize new features, bug fixes and strategic direction

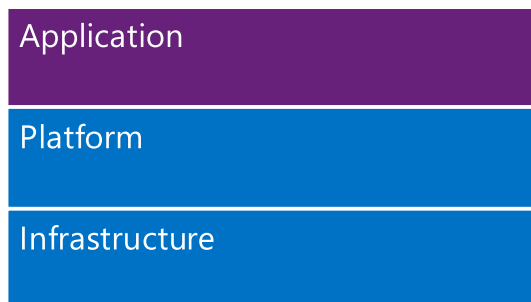


Complete APM solutions

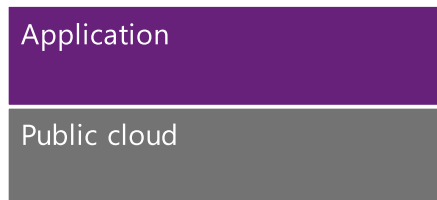
- Server-side
 - Monitoring the actual code that is executed and delivered by the application
- Client-side
 - End user experiences related to page load times, server and network latency, and client-side scripting exceptions

Managing applications across multiple clouds

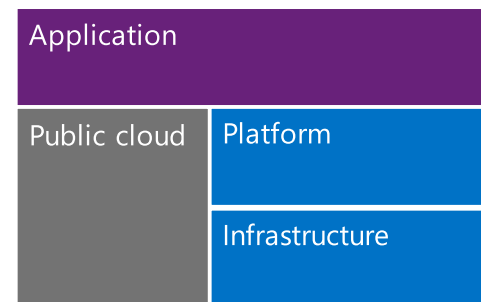
- Private, Public & Hybrid



Private



Public



Hybrid



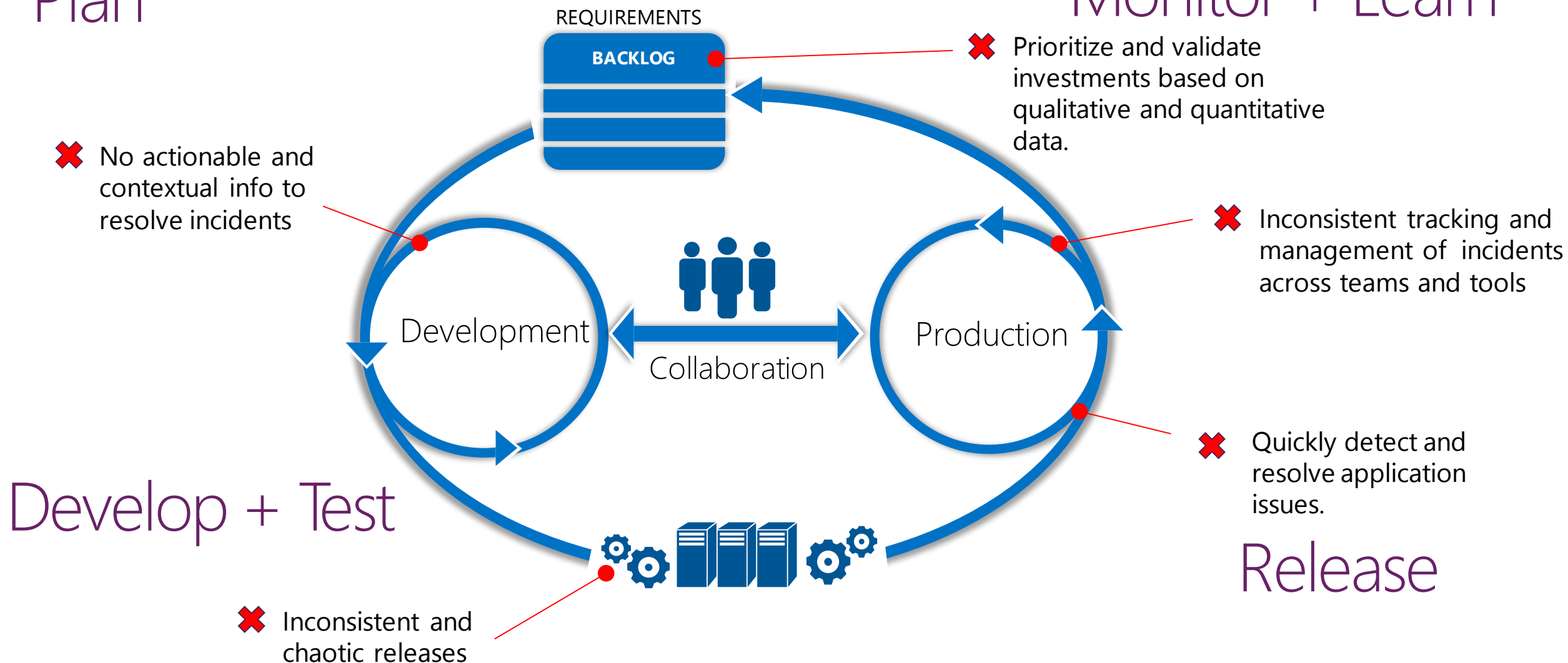
Application Lifecycle Management Overview

- The right tools for the job
- Introduce AI & SC tools
 - Catering for the full Hybrid scenario

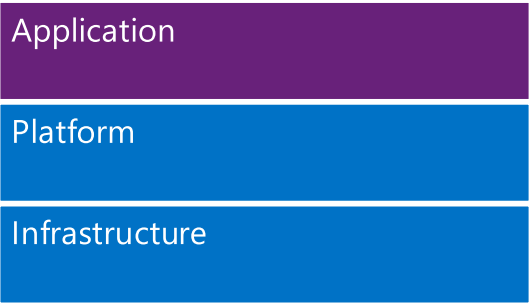
ALM Framework

Plan

Monitor + Learn



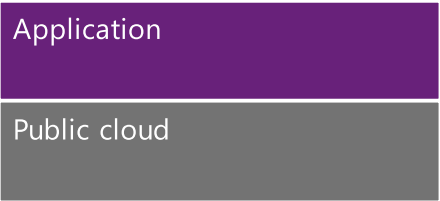
Introduce AI & SC tools



Private



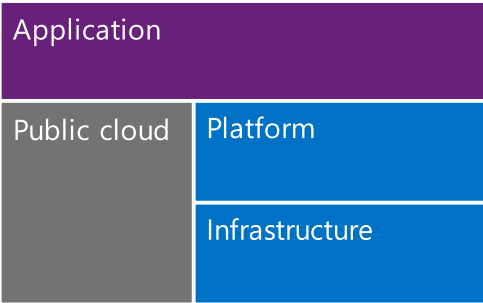
Application Insights
System Center 2012 R2



Public



Application Insights



Hybrid



Application Insights
System Center 2012 R2

01 | Summary

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