



PMO Community of Practice February 2020 Meeting Summary

Header (Required)

Title: DevOps

Brief description: DevOps Experiences from the trenches

Learning objectives: Exploring the practice of DevOps based on goals and real-world experiences

PDU Amount 1 PDU

PDU Allocation 1 Technical

Technical Domains Agile and business analysis

Member Discussion Topic 2/11/20: DevOps

Sample Definition from Microsoft – see [link](#): DevOps is the union of people, process, and technology to continually provide value to customers. DevOps enables formerly siloed roles—development, IT operations, quality engineering, and security—to coordinate and collaborate to produce better, more reliable products.

Increase productivity and make the business more profitable by having shorter dev cycles, more frequent deployments, higher-quality products and happier customers

1. Defining DevOps: Combining Development and Operations
 - a. Development builds, operations configures and runs
 - b. Key areas include integration, quality, change management/versioning, and security
 - c. Also handles scaling, volumes and capacity
 - d. DevOps involved when moving between environments
2. Goals
 - a. Standardization
 - b. Ease and reliability of deployment
3. Organization – Different companies have different ways of doing things
 - a. DevOps as an organization separate from development and operations teams
 - b. Teams deliver components that must be integrated. DevOps glues pieces together
 - c. DevOps as a team made up from key development team and operations team members
 - d. Approach and most discussion comes from the IT world, but also applies to others, such as R&D/Manufacturing

Additional Topics for Future Meeting

1. Tools and Techniques: For example, CI/CD/automation, Change Process, Monitoring, DR, infrastructure as code
2. Metrics: For example, Time to Market, Deployment Frequency and Lead Time, Failure Rate and time to recover
3. DevOps Corporate Culture, Shared Responsibilities, and Engagement
4. Role of the PMO
5. Moving forward from where we are today
6. The future of DevOps



References

- <https://services.google.com/fh/files/misc/state-of-devops-2019.pdf>
- <https://en.wikipedia.org/wiki/DevOps>
- <https://devops.com/definition-devops-masses/>
- <https://devops.com/the-state-of-devops-report-2019-is-out/>
- <https://blogs.starzio.com/2015/01/the-what-why-and-how-of-devops.html>
- <https://azure.microsoft.com/en-us/overview/what-is-devops/>

Next Meeting

Next meeting is Tuesday, March 10 , 2020

Participants: Adella Rosenthal, Anne Lewson, David Morgen, John Grazier, Jonathan Mann, Marlo Moss, Raymond Francis, Richard Loeb, Thomas Bedard, William Fahey

Facilitator: Richard Loeb, PMP, ACP
Scribe: David Morgen, PMP