Measuring the success of DevOps ?

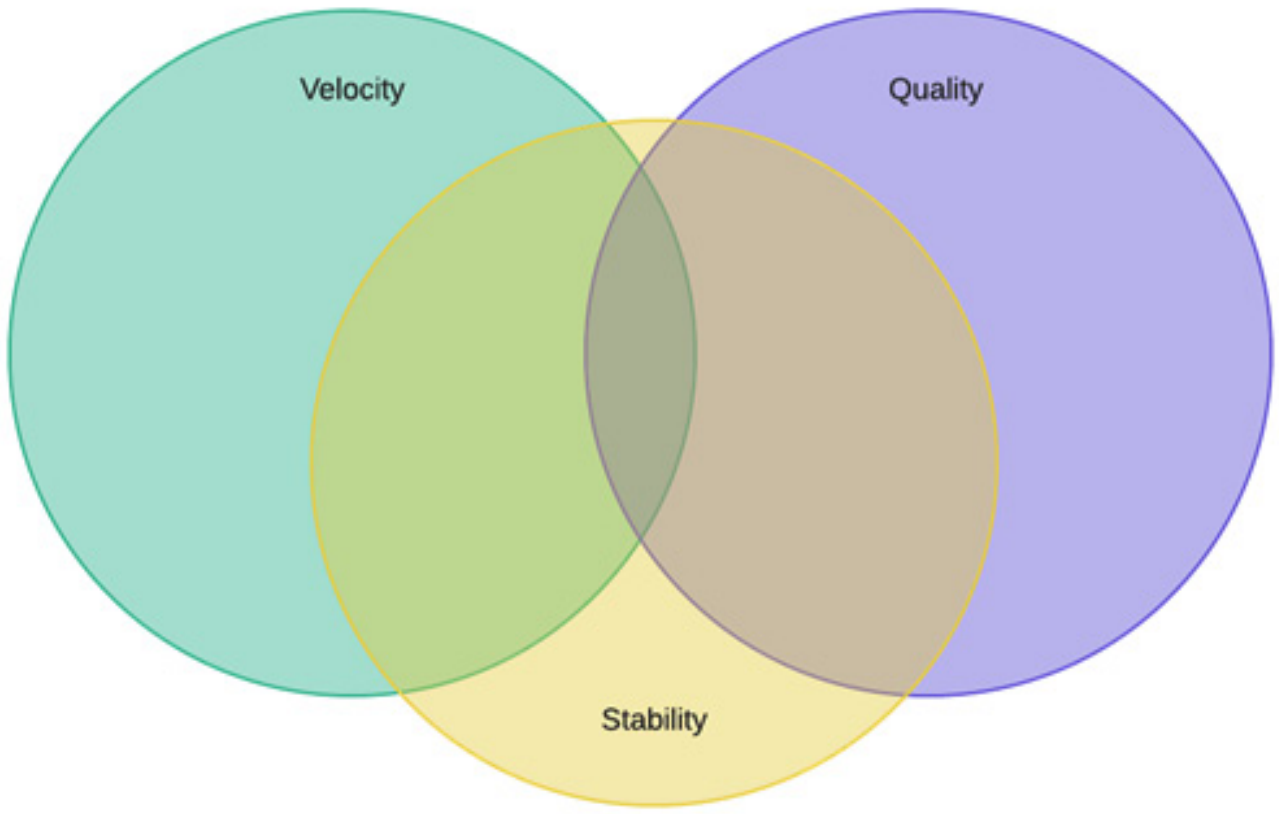
What Metrics being used to measure Success ?

Tracking the performance is a tool for improvement

Continuous Improvement is a key pillar for DevOps

if We have no idea how We are performing , how can We improve?

Metrics Used To Measure Success



Velocity + Stability

Quality + Stability

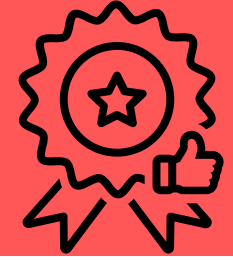
Velocity + Quality + Stability

Velocity Metrics

Velocity is vitally important in DevOps, as we are going on a journey that tries to break down silos in organization and improve collaboration and communication

common velocity metrics

- Deployment duration
- Deployment frequency
- Change volume
- Test automation coverage
- Lead time
- Cycle time
- Deployment failure rate
- Environment provisioning time



Quality Metrics

- We can have a high velocity, meaning we are working at a fast rate, but the quality may suffer because of that.

- This isn't a scenario We want, as low quality starts to erode trust in what We are doing and how we are doing it.

common Quality metrics

- Defect density
- Defect aging
- Code quality
- Unit test coverage
- Code vulnerabilities
- Standards violations
- Defect reintroduction rate

Stability Metrics

Stability is critical, Nobody wants to use a product or platform that is not stable.

Common Stability Metrics

- Mean Time to Recovery (MTTR)
- Deployment downtime
- Change failure rate
- Incidents per deployment
- Unapproved changes
- Number of hotfixes
- Platform availability

Thanks

Keep Learning

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