ionir DevOps Adoption: Choosing the Right Metrics for Success

According to Puppet's State of DevOps Report 2021, 83% of IT professionals report their organizations have already or are currently implementing DevOps practices to unlock higher business value, achieve faster time to delivery, and gain increased security of systems.

Yet, organizations and teams spanning all industries often have different goals for implementing DevOps. However, there are a few common metrics that all DevOps professionals should monitor and measure on a regular basis. Let's take a look at the top 5 metrics you should be measuring.

Deployment Time

Deployment time measures the amount of time it takes to deploy a release into a development, testing, or production environment.

Monitoring this metric can help DevOps professionals identify places in the pipeline to speed up deployments via:
- Data delivery methods
- Innovative processes
- Automation tools

💡 Elite DevOps performers have 208x more frequent deployments.
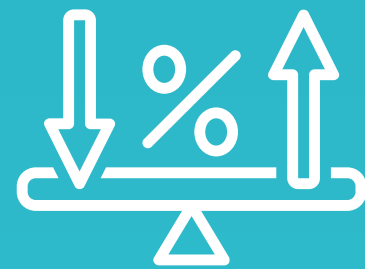
Change Failure Rate

The change failure rate is a metric that determines the percentage of changes that resulted in degraded services such as an outage or data corruptions that require fixing.

By monitoring the change failure rate on a regular basis, DevOps teams can:
- Gain a better understanding of deployment process efficiency
- Make data-driven decisions to improve the deployment process

💡 Elite DevOps performers have a change failure rate of 0-15%.

Recovery Time

Time to recovery measures how long it takes DevOps professionals to restore a service such as an unplanned outage or impairment. Measuring this metric is critical to ensure the team recovers quickly from incidents.

ionir insight: ionir's data services enable DevOps professionals to access data as it was at any-point-in-time with 1-second RPO.

💡 Elite DevOps performers can recover services in 1 hour or less.

Release Cadence

Release cadence determines how often and at what frequency a product or update releases to market.

Measuring this metric will help DevOps professionals to understand:
- How fast their products are reaching the market in comparison to competitors
- When it's time to adopt deployment automation tools

💡 Elite DevOps performers have multiple releases per day.

Lead Time

The lead time measures the amount of time it takes a team to go from committing code to having code successfully running in production.

To understand the efficiency of the development cycle, this metric depicts whether or not a DevOps team and its tech stack can handle a high volume of requests and ensure quality.

💡 Elite teams can effectively run code in production in <1 day.

About ionir

ionir's Data Services Platform for Kubernetes combines high-performance, software-defined storage and data management with data mobility to enable customers to build a single data cloud for their applications across all their infrastructure, anywhere. For more information visit ionir.com.

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