**Assignment 5.1 Discussion - DevOps**

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LinkedIn the company that helps millions of people find work is not set apart from other companies when it comes down to running into problems. In 2010 LinkedIn started having a difficult time getting the much-needed data reports on how backend things were working. They needed to come up with a solution and fast. Below I will go into detail on how LinkedIn bounced back from this issue.

LinkedIn uses some of the best software when it comes to watching time series graphs to watch for things like failures and bottlenecking which they then can detect and respond to any issues within minutes of them popping up. (Kim, G.) However, in 2010 LinkedIn’s developers started having issues seeing or analyzing this data. (Kim, G.)

Eric Wong an intern at LinkedIn started an intern project that would help with telemetry which would create InGraphs. (Kim, G.) Wong stated that getting something as simple as a central processing units usage it would take someone in another department around thirty minutes to create and get back to the requesting person/department. At the time LinkedIn was using software called Zenoss which made getting any of the needed data really hard for anyone to get. (Kim, G.) Wong decided to take matters into his own hands and write some Phyton scripts that helped make this process much easier and a bit faster as well. (Kim, G.) Over the summer he continued to work on his InGraphs functionality which made the developers job much easier when they were trying to look at the data for the site. (Kim, G.) InGraphs is now one of the most visible parts of LinkedIn.

LinkedIn being as big of a company that it is isn’t any different than any other company when in comes to having issues. LinkedIn found a way to solve it issue with having data readily available when the development teams needed it. The InGraph project was a very thoughtful project that really helped to solve the issues the development team was having. I believe that this is a wonderful and much needed tool for a lot of companies so that they can see backend data fast.

Bibliography

Kim, G., Humble, J., Debois, P., & Willis, J. (2016). DevOps Handbook. Portland, OR: IT Revolution Press.