Bp BluePipeline

Major FinTech Company Relies on DevOps During Their Time of Need

Building Confidence in Infrastructure, Processes and Tools to Continuously Deliver

Indellient

DevOps allows you to maximize your infrastructure to innovate quickly, improve efficiency and compliance adherence while reducing total cost of ownership. It enables you to turn your technology into a strategic advantage that promises to deliver faster and with more accuracy.

DevOps includes a range of activities from infrastructure deployment, software development, quality assurance to team collaboration and communication to business continuity. With the proper tools, skillsets and processes, you can manage your enterprise/mission critical infrastructure operations in an agile and reliable way. This case study explores the significant benefits DevOps can offer.

Company Profile

The company is a global fintech firm providing a range of services to help their clients improve their efficiency, grow revenue, manage risk, and engage their clients. As part of their service model, they handle millions of trades a day.

The Challenge

After a recent acquisition, the company was developing a new division as a result of the merger. This growth required a large-scale technology build which included expanding their data center resulting in the need for additional application servers.

As a fintech company - security, accuracy and speed - are essential for continuous success. As such, the new application servers must achieve the same 'gold standard' that their existing infrastructure attained. This was no small feat. As the company began to migrate their servers, it was critical to solve against misconfiguration issues because of human error tendencies. The team needed a solution that would guarantee success.

The Solution

Indellient provided an automated solution to fully verify that the new infrastructure met compliance and the 'gold standard' the company was seeking. Under tight deadlines, our team aligned the skills necessary to implement the verification in order to meet their migration initiatives.

1   Creating an inventory of the software present on the gold standard servers

2   Using industry-leading tools such as Chef InSpec to validate compliance of new servers. Different profiles were used for different servers – e.g. PCI and non-PCI compliant servers

3   Validating new non-gold standard servers and completed a knowledge transfer to the company

4   Presenting a document outlining the findings of the gold standard server inventory

Results

After running over 1,000 verification tests per server, we identified the issues in the new deployment. Our team provided the company with a full understanding of what was being built in their new infrastructure and the right plan of action to take. We reviewed these issues with their team, and developed a remediation plan and iterated on the process until a clean execution was completed. The solution guaranteed that the new application servers were identical to existing 'gold standard' applications servers.

In the end, we successfully provided peace of mind for the business team that their servers are compliant and risk is mitigated or eliminated.

About the Project Team

Our DevOps team ensures you can continuously deliver your business applications and services at high velocity. Our experts are certified on and have vast experience with core technologies and methodologies to help you manage enterprise/mission critical infrastructure operations in an agile and reliable way. Fortune 100 companies and beyond rely on us to maximize infrastructure to innovate quickly, unlock new efficiencies and reduce total cost of ownership.

About Indellient

As a top Canadian ICT and Profit500 company, we empower businesses to meet and exceed their critical business and technology objectives. We ensure your team has the tools, processes and technology to deliver better outcomes. From SMBs to the Fortune 100, companies rely on us to deliver evidence, clarity and confidence day in and day out – and we can help you get there, one step at a time.

Unparalleled security, stability and efficiency.

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