Cloud Operations, Infrastructure Management & DevOps Automation Services

Managing & Monitoring cloud infrastructure with automated configuration & DevOps (CI-CD) solutions for frequent deployments.

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Implemented DevOps automation services and CI-CD pipeline for faster Development and Delivery Cycles.

About Customer

- The client is an Australian financial service provider focusing on self managed superannuation fund or SMSF products as customers' needs. The client help deliver its customer with high-end accounts and financial solutions across the globe.
- They have a cloud-based solution that provides businesses with access to all their crucial data anytime, anywhere and eliminates excess costs & inefficiencies.

Approach / Deliverables

- Multiple shifts by teams to provide 24x7 availability.
- Use of DevOps practices for Automated Build and Deployment of application on infrastructure
- Created reusable scripts helping the client to perform various AWS operations during deployment minimizing the time consumed for frequent deployments..
- Holistic monitoring, regular maintenance and infrastructure vulnerability assessment to avoid SLA violations.
- Test Automation to improve quality with DevOps best practices ensuring compliance with multiple security requirements.

Business Challenges / Drivers

- Delayed Deployment due to lack of effective DevOps practices
- Absence of industry-standard best practices to optimize infrastructure and DevOps processes.
- Compliance with various security requirements
- Lack of workforce to support 24x7 operations of mission-critical applications.
- Business impact due to frequent SLA violations.

Outcomes / Benefits

- 80% improvement in reliability of deployments with a substantial reduction in deployment time from 1.5 hours to 5-10 minutes.
- 99.9% uptime with assured IT services availability achieved
- 15% reduction in deployment and operations time with automated build and deployment of the application on infrastructure
- 40% reduced time-to-market for product services to the client with 24x7 team availability.

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Application deployment with AWS
OpsWorks & AWS CodeDeploy