



## Client Overview

- One of the world's fastest growing IT security company
- Provides solutions in the design and development of web-based password management software for organizations to manage privileged account credentials and identities



## Business Requirements

- Looking for an independent QA Team for product quality tests for multiple access/account management products across multiple servers, which was initially tested by the in-house development team
- Validate compatibility on deploying the application to Cloud from in-house environment
- Validate products' functionalities against security benchmarks
- A wide spectrum of different server setups with Active Directory services, Virtual Machines with SQL servers and RDP / PuTTY Launchers
- Validate the implementation of every module available On-Premise and Cloud respectively
- Measure product performance under various cloud platforms



## Our Solutions

- Test suites with 7500+ test cases designed for Regression and Functional testing respectively
- Elevated the quality of the product by automating the regression test cases
- Introduced exploratory testing for every release thereby increasing defect identification
- Created environments to validate products against security benchmark guidelines
- Automation code created to test WebServices and its protocol REST APIs
- Optimized test cases for every release / iterations ensuring 100% test coverage for quick push to production
- Emulated a test lab setup with a range of servers to achieve Real Time Monitoring of the application On-Premise and Cloud



## Business Impact

- Quick deployments with proven Quality Program – Post Launch Defects reduced by 80%
- Enhanced efficiency of application at large scale by testing in-built and supported third party queuing services across different engines
- Setting up of a QA-Implementation Process cycle - Defect Identification Rate Increased by 75%
- Improved validation on Remote systems credentials provided by the user – 100% Test Accuracy



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