



NON-DISRUPTIVE COMPLIANCE AND RISK ANALYSIS PLATFORM FOR CLOUD BASED SERVICES

CLIENT OVERVIEW

Our client is the leading provider of security platform that helps businesses to protect their enterprise provisioned public cloud data. Their services aim to protect company's assets on the cloud without impacting end-user experience and without involving IT operations.

KEY REQUIREMENTS

- Define company specific policies to scan exposure risks in assets like files, documents deployed in cloud applications
- Give a 360° visibility without any IT, proxy or agent dependency
- Identify cloud data compliance violations with a multidimensional root cause analysis
- eliminate cloud data risk by rectifying exposure risks and compliance violations

KEY CONTRIBUTIONS

- Rich and intuitive UI development using cutting edge technology like Ruby on Rails along with robust backend development using Java
- Aggregation and ready availability of huge terabytes of application data and business data stored in MongoDB
- Fetch asset information by querying cloud assets using REST APIs developed on Jersey client
- Java programs developed for scanning asset information and finding detections and store in to MongoDB
- Queued the data using Amazon SQS and Rabbit MQ
- Developed services using REST APIs to scan users account and detect risky files based on a detection algorithm
- Developed email module to trigger mails for alerting users of any security risks
- Created test plans, test cases and test automation with Selenium web driver, TestLinks and Jenkins for comprehensive test coverage

KEY BENEFITS

- 40% reduction in risks pertaining to information leaks and unauthorized access to public data
- Simplification of compliance analysis precisely detected confidential data that is put publicly
- Email module enabled quick alerts and counter actions to be taken by users on any potential risks to their public data
- Increased client base by 15% within a Quarter of launch of application, due to the ease of integration with any of the public clouds that allow collaborative file sharing, distributed version control, synchronizing abilities with desktop folders etc.
- Robust security for public cloud accounts has ultimately increased application adoption by 20% from key industry leaders where confidentiality and availability of data are major concerns

TECHNOLOGY STACK

- Ruby on Rails
- Java
- REST APIs
- MongoDB
- Jenkins
- Amazon SQS
- Rabbit MQ
- Selenium
- TestLink

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About Xoriant:

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