

# CASE STUDY

## Briskinfosec secured Largest Commercial Bank Application

### INDUSTRY

Financial Services

### STANDARDS

OSINT ANALYSIS

### PRIMARY SECTOR

Commercial Bank

### LOCATION

APAC

### OFFERED SERVICE

Penetration Test

TYPE OF SERVICES : **Application Security Assessment**

## ABOUT CUSTOMER

Our Stakeholder is one of the leading Commercial Bank in APAC. They have more than 15000+ employees in the organization. Their scale of capabilities, offerings and customer engagements in banking sector differentiates them from other banking companies. They have been the pioneer all over India providing highest ethical standards of financial services.

## ASSESSMENT SCOPE

Our stakeholder was more concerned about the data leak. Hence they wanted us to find their compromised email addresses, Geo Locations, virtual hosts on company's servers and networks. To find all these information, we are going to use the public tools that Hackers use to obtain data.

## THE SOLUTION

By following OSINT Framework, Briskinfosec Experts helps to prevent future data leakage and recommends detailed Documentation with Best practices.

Key highlights of the bug fix are as below :

- | With perseverance, we found some sensitive file and URLs that were open to public.

- | Personal details of the employees like email id address other sensitive informations were exposed.

- | Organization's Admin panel and sub-domains were compromised.

- | We completely prevented their information from leak.

- | We provided the completed document as a reference to their Security Team.

## THE DELIVERABLE

The reports and remediation information provided were customized to match the Client's operational environment and development framework. The following reports were submitted to the customer.

Key highlights of the bug fix are as below :

### DAILY STATUS REPORT

During the process of testing, issues were identified. The identified issues were then subjected to distinction depending upon the criticality of vulnerability and recommendations were facilitated for remediation in XLS format.

### TECHNICAL SECURITY ASSESSMENT REPORT

Complete security testing was carried. All the detected issues and the proof of concept (POC) will be covered with detailed steps in a PDF format.

### ISSUE TRACKING SHEET

All the identified issues were captured and will be subjected for the retest review in a XLS format.

### WORKFLOW REPORT

Step by step process carried out by the entire team.

### OSINT REPORT

All the issues will be captured for the retest.

### THE CHALLENGE

By conducting thorough bug fix, Brisk Infosec Reduced the Client's risk exposure in a climate where Banking Regulatory Bodies are taking an extremely strict approach to security.

### RISK BENEFITS

Brisk Infosec prevented information leakage by performing various information gathering techniques in the perspective of the Black Hat Hackers and recommended solutions with proven methods to enhance security.

### COST SAVINGS

Brisk Infosec suggested cost-effective measures based on the customer's business requirements that would ensure security and continuity of the business.

## CUSTOMER SATISFACTION

BriskInfosec diminished security risks by assessing the customer's infrastructure vulnerabilities and recommending solutions with proven methods for security enhancement.

## SUPPORT

We provide 1 year support with periodic security assessment.

## CONCLUSION

We advised stakeholder on the measures they should take to remedy the various deficiencies in their systems and processes. As part of the remediation stage, we recommended that their day to day network is segregated from the network that stores sensitive personal information and financial systems. We also worked closely with our client to improve the policies, procedures, and employee awareness programmes to increase their cyber maturity. Stakeholder was impressed with our Zero Trust Cybersecurity Framework (ZCF) and looks forward to adapt it.



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