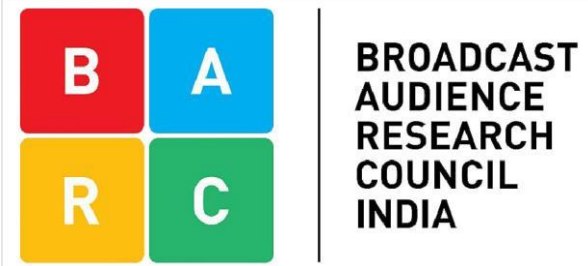


Vulnerability Assessment and Penetration Testing



Report Issued on: September 25, 2024

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Objective

1	The objective of this exercise was to assess the BARC India -Web, Mobile and Thick Client Applications defense against vulnerabilities that may pose a threat to its systems and the organization.
2	The report also aims at providing recommendations and guidelines against such threats, which help in protecting the confidentiality and integrity of the systems and the application.

Methodology

1	The test was performed using the Automated and Manual Testing Methodology
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Approach

1	Audit type – Black & Grey Box testing
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Scope

- 1 We reviewed the Comprehensive Information security of critical BARC applications by performing VAPT (Vulnerability assessment and Penetration testing) and application security activities.
- 2 The review activities were performed both internally (on site) and externally.

Application	Internal Vulnerability Assessment	External Penetration testing	Application Security review
Dashboard to deliver the survey data	Y	Y	Y
Survey application for HH TV details	Y	Y	Y
MDPL web site	Y	Y	Y
Authentication of survey data	Y	Y	Y
Application to start with HH survey	Y	Y	Y
Software to investigate HH anomalies	Y	Y	Y
Software to investigate and track infiltration HH details	Y	Y	Y
Software for ID conversion	Y	Y	Y
Data Validation Platform	Y	Y	Y
Dashboard for deliver the viewership data	Y	Y	Y
Software for manage the Vigilance cases	Y	Y	Y
BARC INDIA web site	Y	Y	Y
Repository for all ID data	Y	Y	Y
ERP System (financial data)	Y	Y	Y
Digital Audience measurement application	Y	Y	Y
Event specific data in pdf format	Y	Y	Y
Television Audience measurement application	Y	Y	Y
Delivery of spot next day	Y	Y	Y

Executive Summary

Application	Testing & Review	End Result
Dashboard to deliver the survey data	Yes	No new vulnerabilities found during reassessment.
Survey application for HH TV details	Yes	
MDPL web site	Yes	
Authentication of survey data	Yes	
Application to start with HH survey	Yes	
Software to investigate HH anomalies	Yes	
Software to investigate and track infiltration HH details	Yes	
Software for ID conversion	Yes	
Data Validation Platform	Yes	
Dashboard for deliver the viewership data	Yes	
Software for manage the Vigilance cases	Yes	
BARC INDIA web site	Yes	
Repository for all ID data	Yes	
ERP System (financial data)	Yes	
Digital Audience measurement application	Yes	
Event specific data in pdf format	Yes	
Television Audience measurement application	Yes	
Delivery of spot next day	Yes	

Note: All Vulnerabilities are patched except few that do not have direct impact on the business and marked as low.



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