Application Security Test Report
(2nd Cycle)
on
https://10.163.2.44/eAuction/app
For
NATIONAL INFORMATICS CENTRE (NIC)
Rajaji Bhavan, Besant Nagar
CHENNAI

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1.0 SCOPE

1.1 Service Request No : IT/2012-13/105

1.2 Name and address of client : NIC, chennai

1.3 Description & Identification of Item : Tamilnadu eAuction web application

1.3.1 Sample Received on : 11-01-2013

1.3.2 Test Completed on : 27-02-2013

1.3.3 No. of items tested : ONE

1.4 Test performed at : offsite https://10.163.2.44/eAuction/app

1.5 (a) Standard/ Test Procedure reference : OWASP top 10 2007

(b) Scope : Application Security Testing

1.6 Major Equipment/ Tool used : AppScan 8.0.0.3, WebScarab 20060718-1904, Add-ons for Mozilla

* https://eauction.gov.in is the URL proposed by the client for this IP Address.
Executive Summary

Introduction
STQC IT Services has conducted application security evaluation of the application &
https://10.163.2.44/eAuction/app submitted by NIC, chennai. The vulnerabilities/weaknesses observed during
the evaluation are given below. The results indicate the status of the application during the evaluation period
only.

Scope
Application security evaluation of the https://10.163.2.44/eAuction/app

Evaluation Methodology
Different software testing techniques (both manually and using tools) were employed to unearth application
security vulnerabilities, weaknesses and concerns in the following aspects

1. Input Validation
2. Authentication and Session Management
3. Access Control
4. Error Handling
5. Data Protection
6. Denial of Service

Risk Profile

<table>
<thead>
<tr>
<th>#</th>
<th>Aspects</th>
<th>Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>High</td>
</tr>
<tr>
<td>1</td>
<td>Input Validation</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>Authentication and Session Management</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>Access Control</td>
<td>-</td>
</tr>
<tr>
<td>4</td>
<td>Error Handling</td>
<td>-</td>
</tr>
<tr>
<td>5</td>
<td>Data Protection</td>
<td>-</td>
</tr>
<tr>
<td>6</td>
<td>Denial of Service</td>
<td>-</td>
</tr>
</tbody>
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