

Details for Application Security Penetration Testing

An Application Penetration Testing is an active analysis of the application for any weaknesses, technical flaws or vulnerabilities (based on OWASP top 10) that may lead to system compromise. The first step in the assessment involves understanding the application to scope the assessment. This process will also help us to understand the features, functions and design of the application, as well as the testing environment. Please provide your responses to the questionnaire below for each of the applications to be audited.

Sl. No.	Scoping Questions	Application 1
1	Name of Application	amplifi.mohua.gov.in
2	Please provide brief description of Application and its Functionality	Assessment framework of Questionare
3	Name & Contact Details of Developer (Ph No. & Email)	Deepak Kumar Gupta (8586879717)
4	Url of the target application on test server for Audit (Please provide test user credentials to access the application to verify the details)	http://10.196.64.29:8080/smartcity (demo/demo@002)
5	Type of Application (Internal OR Internet Facing)	Internet
6	Site users (closed user group and/or open to public)	closed user group
7	How many Login Modules are present in the Application? (e.g. for normal user, supervisor, administrator, etc)	2 Validators, 1 city login
8	Number of Modules and names of the modules in the application (Lannding Page, Account Summary, etc.)	3 modules

9	How many approximate total number of pages are present in the application?	15
10	How many approximate number of dynamic (transactional/taking user input) pages are present in the application?	15
11	How many application roles/privilege levels of users are expected to be in the application? [e.g. end-user with read-only access, supervisors with read and modify access, administrators with create user privileges, help desk engineers with read access etc.]	CDO, Validator
12	Development Platform of the Application (For Ex. Java, .NET, PHP etc)	PHP
13	What are the external systems with which the application interfaces with? (These include systems like external LDAP authentication servers, Databases, content Management systems, third-party Payment Gateways, external application APIs etc.)	-
14	Is there a CMS (Content Management System) present to maintain the application? If Yes, is it an in-house built CMS or customization of ready to use CMS like Joomla, PHPNuke, and Drupal etc?	Codeigniter (PHP)
15	Is there an admin/super-admin module in the application? Is it included in scope of the audit?	- No
16	What would be the tentative Testing environment (Development / Staging / Production Box)?	Development
17	Please provide any additional comments or information that may be relevant to the application	
18	Is there Provision for e-commerce and/or payment gateway (Yes or NO)?	No
19	No. of phases to test (number of cycles of audit needed, e.g. 1st Level Audit, 1st Level Audit + 1 Re-audit OR 1st Level Audit + 2 Re-audits)?	

20	Are web services integrated with the application? If yes, how many?	No
21	What are the Operating System Details of the Deployed Server (i.e., Windows-2012, Linux, AIX, Solaris, etc.)	Linux
22	What is the Web/Application Server with version (i.e., IIS 5.0, Apache, Tomcat, etc.)	Apache 2.4
23	What is the Server Side Language used [Server side Scripts](i.e., ASP, Asp.NET, JSP, JAVA, PHP, etc.)	PHP
24	What are the Back-end Database used? (MS-SQL Server, PostgreSQL, Oracle, etc.)	MySQL
25	Any target date for the audit to be started ?	
26	Any target date for the audit to be completed by?	