

# **EC-Council** Licensed Penetration Tester

**Methodology: Web Application Penetration Testing**

<b>Penetration Tester:</b>			
<b>Organization:</b>			
<b>Date:</b>		<b>Location:</b>	



**Test 1.1: Manually browse the target website**

<b>Target Organization</b>	
<b>URL</b>	
<b>Fingerprinting the Web Application Environment</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Targeted Website</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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**Test 1.2: Check the HTTP and HTML processing by the browser**

<b>Target Organization</b>	
<b>URL</b>	
<b>Analyzed HTTP and HTTPS Request Headers</b>	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div> <div>4. <hr/></div> <div>5. <hr/></div>
<b>HTML Source Code</b>	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div> <div>4. <hr/></div> <div>5. <hr/></div>
<b>Tools/Services Used</b>	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div> <div>4. <hr/></div> <div>5. <hr/></div>

**Results Analysis:**

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**Test 1.3: Perform web spidering**

<b>Target Organization</b>	
<b>URL</b>	
<b>Generated Site map by Using Spidering Tools</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>
<b>Tools/Services Used</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>

**Results Analysis:**

**Test 1.4: Perform search engine reconnaissance**

<b>Target Organization</b>	
<b>URL</b>	
<b>Techniques to Query Search Engines</b>	
<b>Information Collected</b>	
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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**Test 1.5: Perform server discovery**

<b>Target Organization</b>		
<b>URL</b>		
<b>Active Servers on the Internet</b>		
<b>Information Gathered from</b>		
<b>Whois Lookup</b>	<b>DNS Interrogation</b>	<b>Port Scanning</b>
<b>Tools/Services Used</b>	1. _____	
	2. _____	
	3. _____	
	4. _____	
	5. _____	

**Results Analysis:**

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**Test 1.6: Perform banner grabbing to identify the target server**

<b>Target Organization</b>	
<b>URL</b>	
<b>Identified Make, Model, and Version of the Web Server Software</b>	
<b>Vulnerability Databases Used to Attack the Web Server and Applications</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 1.7: Perform service discovery**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target Web Server</b>	
<b>Common Ports Used by Web Servers for Different Services</b>	1. 2. 3. 4. 5.
<b>Identified Services that Acts as Exploit Paths for Web Application Testing</b>	1. 2. 3. 4. 5.
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.

**Results Analysis:**

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**Test 1.8: Identify server-side technologies**

<b>Target Organization</b>	
<b>URL</b>	
<b>HTTP Headers and HTML Source Code</b>	
<b>Identified Server-Side Technologies</b>	
<b>Identification Information Gathered by Examining URLs and Error Page Messages</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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**Test 1.9: Identify server-side functionality**

<b>Target Organization</b>	
<b>URL</b>	
<b>Determined Internal Structure and Functionality of Web Applications</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 1.10: Investigate the output from HEAD and OPTIONS HTTP requests**

<b>Target Organization</b>	
<b>URL</b>	
<b>Output from HEAD and OPTIONS HTTP Requests</b>	
<b>Web Server Software Version</b>	
<b>Scripting Environment or Operating System in Use</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 1.11: Investigate the format and wording of 404/other error pages**

<b>Target Organization</b>	
<b>URL</b>	
<b>Format and Wording of 404/Other Error Pages</b>	
<b>Software Versions of the Scripting Language in Use</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 1.12: Test for the recognized file types/extensions/directories**

<b>Target Organization</b>	
<b>URL</b>	
<b>Common File Extensions Requested</b>	1. 2. 3.
<b>Test Results for the Recognized File Types/Extensions /Directories</b>	1. 2. 3. 4. 5.
<b>Unusual Output or Error Codes</b>	1. 2. 3.
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.

**Results Analysis:**

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**Test 1.13: Examine source of the available pages**

<b>Target Organization</b>	
<b>URL</b>	
<b>Examined Source of the Available Pages</b>	
<b>Information about Application Environment</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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**Test 1.14: Manipulate inputs in order to elicit a scripting error**

<b>Target Organization</b>	
<b>URL</b>	
<b>Wildcard Strings or Long Strings Used to Manipulate User Inputs</b>	
<b>Scripting Error Generated with Input Manipulation</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 1.15: Test for hidden fields (Discover Hidden Content)**

<b>Target Organization</b>	
<b>URL</b>	
<b>Test Results for Hidden Fields</b>	
<b>Sensitive Data Collected from Hidden Fields</b>	
<b>Test Results for Input Parameters Manipulated to Exploit Logical Flow of Web Applications</b>	1. _____ 2. _____ 3. _____
<b>Non-Malicious Queries Sent to Manipulate Input Variables</b>	1. _____ 2. _____ 3. _____
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____

**Results Analysis:**

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**Test 1.16: Test for discover default content**

<b>Target Organization</b>	
<b>URL</b>	
<b>Sensitive Information Gathered from Default Content and Sample Scripts</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>
<b>SQL Queries Used to Access Exploitable Content and Scripts in the Client's Web Server</b>	<div>1.</div> <div>2.</div> <div>3.</div>
<b>Vulnerabilities Detected in Default Content And Scripts</b>	<div>1.</div> <div>2.</div> <div>3.</div>
<b>Tools/Services Used</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>

**Results Analysis:**

### Test 1.17: Test for directory traversal

<b>Target Organization</b>			
<b>URL</b>			
<b>Accessed Restricted Directories</b>			
<b>Arbitrary Content Sent To File Directories</b>			
<b>Overwritten/ Exploited Source Code and Sensitive Data in the Server</b>			
<b>Non-Malicious Scripts Sent to File APIs</b>			
<b>Request Parameters Contain File Types or Directory Names that are Vulnerable</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

### Results Analysis:

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## Test 1.18: Test for debug parameters

<b>Target Organization</b>			
<b>URL</b>			
<b>Check for Hidden Debug Parameters in Application Pages</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Test Results for Anomalies in Application's Responses with Parameters that Disrupt Application Processing</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		
<b>Tested to Send Non-Malicious Scripts to Overwrite or Manipulate Code and Debug Parameters</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

## Results Analysis:

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## Test 2.1: Test for default credentials

<b>Target Organization</b>			
<b>URL</b>			
<b>Located Overtly Accessible Web Servers with Administrative Interfaces that Run on Different Ports</b>	1. _____ 2. _____ 3. _____ 4. _____		
<b>Default Credentials of Web Servers and Network Devices</b>			
<b>User Names</b>		<b>Passwords</b>	
1.		1.	
2.		2.	
3.		3.	
4.		4.	
5.		5.	
<b>Password Cracking Techniques</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		
<b>Application Mapping Techniques Used</b>			
<b>Checked and Exploited Administrative Interfaces that are Vulnerable</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Performed Port Scanning of the Web Server</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Found Administrative Interfaces Running Applications On Different Ports And Targets</b>	1. _____ 2. _____ 3. _____		

<b>Tools/Services Used</b>	1.
	2.
	3.
	4.
	5.

**Results Analysis:**

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**Test 2.2: Test for dangerous HTTP methods**

<b>Target Organization</b>			
<b>URL</b>			
<b>List of Http Request or Dangerous Http Methods that Can Be Exploited</b>	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div> <div>4. <hr/></div> <div>5. <hr/></div> <div>6. <hr/></div> <div>7. <hr/></div>		
<b>Enabled Web-Based Distributed Authoring and Versioning (WebDAV) Methods</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Tools/Services Used</b>	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div> <div>4. <hr/></div> <div>5. <hr/></div>		

**Results Analysis:**

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**Test 2.3: Test for proxy functionality**

<b>Target Organization</b>			
<b>URL</b>			
<b>Target Host</b>			
<b>Checked HTTP Requests that Maneuver Web Servers</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Information Retrieved From the Servers</b>	1. _____ 2. _____ 3. _____ _____		
<b>Common Port Numbers to which HTTP Requests Connect</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____ _____		
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____ _____		

**Results Analysis:**

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**Test 2.4: Test for virtual hosting misconfiguration**

<b>Target Organization</b>	
<b>URL</b>	
<b>Common Configuration Errors</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>
<b>HTTP Requests that Connect to the Root Directory</b>	
<b>Identified Results</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>
<b>Default Content and Directory Listings</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>
<b>Tools/Services Used</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>



**Results Analysis:**

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**Test 2.5: Test for web server software bugs**

<b>Target Organization</b>	
<b>URL</b>	
<b>Host Web Server</b>	
<b>Vulnerabilities Found in the Host Web Server</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 2.6: Test for server-side include injection attack**

<b>Target Organization</b>			
<b>URL</b>			
<b>Execute Non-malicious Scripts of a Web Application</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>Applications Properly Validating User Inputs</b>	<input type="checkbox"/> True	<input type="checkbox"/> False	
<b>Special Characters Used in Data Fields to Verify Results</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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**Test 3.1: Test the inner workings of a web application**

<b>Target Organization</b>	
<b>URL</b>	
<b>Javascript and Other Client-Side Code Used to Gather Information on Inner Workings of a Web Application</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Maximum Value of a Tinyint Field in Database Systems</b>	
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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### Test 3.2: Test the database connectivity

<b>Target Organization</b>			
<b>URL</b>			
<b>Database Used</b>			
<b>Target Application</b>			
<b>Checked Security Vulnerabilities, Insecure Connections Between Database and Web Applications</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Test Results for Manipulated User Input Variables</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		
<b>Checked for Vulnerable Connection Strings</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

### Results Analysis:

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**Test 3.3: Test the application code**

<b>Target Organization</b>			
<b>URL</b>			
<b>Test Results for Exception Handling</b>			
<b>Test for Login IDs and Passwords</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Information Gathered by Testing the Application Code</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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**Test 3.4: Test the use of GET and POST in the web application**

<b>Target Organization</b>	
<b>URL</b>	
<b>Use of GET Web Application</b>	
<b>Use of POST Web Application</b>	
<b>Information Gathered</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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**Test 3.5: Test for improper error handling**

<b>Target Organization</b>	
<b>URL</b>	
<b>Test Results for Improper Error Handling</b>	1. 2. 3.
<b>Vulnerabilities Identified from Error Messages</b>	1. 2. 3.
<b>Information gathered about application condition</b>	1. 2. 3. 4. 5.
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.

**Results Analysis:**

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**Test 3.6: Identify functionality**

<b>Target Organization</b>			
<b>URL</b>			
<b>Target Application</b>			
<b>Examined the Core Functionality</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>List of Functions it is Designed to Perform</b>	1. _____ 2. _____ 3. _____		
<b>Key Security Mechanisms in an Application</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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**Test 3.7: Identify entry points for user input**

<b>Target Organization</b>	
<b>URL</b>	
<b>Determined All User Input Fields</b>	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div> <div>4. <hr/></div> <div>5. <hr/></div>
<b>Identified HTTP Header Parameters that can be Processed as User Inputs</b>	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div> <div>4. <hr/></div> <div>5. <hr/></div>
<b>Tools/Services Used</b>	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div> <div>4. <hr/></div> <div>5. <hr/></div>

**Results Analysis:**

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**Test 3.8: Test for parameter/form tampering**

<b>Target Organization</b>	
<b>URL</b>	
<b>Manipulated Parameters Exchanged Between Client and Server</b>	
<b>Exploited Vulnerabilities in Integrity and Logic Validation Mechanisms</b>	
<b>Manipulated URL Strings</b>	
<b>Sensitive Information Retrieved</b>	1. 2. 3.
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.

**Results Analysis:**

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## Test 3.9: Test for URL manipulation

<b>Target Organization</b>			
<b>URL</b>			
<b>Host Web Server</b>			
<b>Modified a URL: Access to a Host Web Server Successful</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Added Different Values and Manipulated Different Parts of the Website</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Test Results for modified URL Parameters of the Website</b>	1. 2. 3. 4. 5.		
<b>Tested Directories and File Extensions</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Identified Information from the above Test</b>	1. 2. 3. 4. 5.		
<b>Tested Using Different Strings or Characters</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Access to Unauthorized Parts of a Site Successful</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Scripts Sent to the URL</b>	1. 2. 3. 4. 5.		

<b>Hidden Files and Other Information Revealed on the Host Server</b>	1.	
	2.	
	3.	
	4.	
	5.	
<b>Used Path Traversal or Directory Traversal Attacks</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<b>Manipulated URL of the Host Website</b>	1.	
	2.	
	3.	
	4.	
	5.	
<b>Tools/Services Used</b>	1.	
	2.	
	3.	
	4.	
	5.	

**Results Analysis:**

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**Test 3.10: Test for hidden field manipulation attack**

<b>Target Organization</b>	
<b>URL</b>	
<b>Field Values Stored as Hidden Fields in HTML</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>
<b>Tools/Services Used</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>

**Results Analysis:**

**Test 3.11: Map the attack surface**

<b>Target Organization</b>		
<b>URL</b>		
<b>Map the Attack Surface</b>		
<b>Information</b>	<b>Attack</b>	
1.	1.	
2.	2.	
3.	3.	
4.	4.	
5.	5.	
6.	6.	
7.	7.	
8.	8.	
9.	9.	
10.	10.	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	

**Results Analysis:**

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**Test 3.12: Test for known vulnerabilities**

<b>Target Organization</b>			
<b>URL</b>			
<b>Tested for Known Vulnerabilities in the Third-Party Software Used in the Web Applications</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>List of Vulnerabilities Detected</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>		
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>		

**Results Analysis:**

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**Test 3.13: Perform denial-of-service attack**

<b>Target Organization</b>			
<b>URL</b>			
<b>Performed Denial-of-Service Attack Successful</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Various Techniques Used for Performing DoS Attack</b>	1. _____		
	2. _____		
	3. _____		
	4. _____		
	5. _____		
	6. _____		
	7. _____		
	8. _____		
	9. _____		
	10. _____		
<b>Tools/Services Used</b>	1. _____		
	2. _____		
	3. _____		
	4. _____		
	5. _____		

**Results Analysis:**

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**Test 3.14: Check for insufficient transport layer protection**

<b>Target Organization</b>		
<b>URL</b>		
<b>Checked for Insufficient Transport Layer Protection</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<b>Checked for Underprivileged SSL setup</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<b>Phishing and MITM Attacks Successful</b>	<input type="checkbox"/> True	<input type="checkbox"/> False
<b>Information Gathered</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	

**Results Analysis:**

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**Test 3.15: Check for weak SSL ciphers**

<b>Target Organization</b>			
<b>URL</b>			
<b>Host Application</b>			
<b>Performed SSL Scans and SSL Tests</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Common Flaws Detected in SSL Service</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>		
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>		

**Results Analysis:**

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**Test 3.16: Check for insecure cryptographic storage**

<b>Target Organization</b>			
<b>URL</b>			
<b>Target Application</b>			
<b>Check for Insecure Cryptographic Storage</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Information Gathered</b>			
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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**Test 3.17: Check for unvalidated redirects and forwards**

<b>Target Organization</b>	
<b>URL</b>	
<b>Host Web Environment</b>	
<b>Social Engineering Techniques Used</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 4.1: Test for bad data**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target Application</b>	
<b>Test Results for Bad Data</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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## Test 4.2: Test transmission of data via the client

<b>Target Organization</b>			
<b>URL</b>			
<b>Target Application</b>			
<b>Various Tests Performed for Transmission of Data via the Client</b>	1. 2. 3. 4. 5.		
<b>Identified Application's Logic Used for the Input Fields</b>	1. 2. 3. 4. 5.		
<b>Areas where Fields are Exploited</b>	1. 2. 3. 4. 5.		
<b>Client Applications Transmit Opaque Data</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Test Results for Transmission of Data</b>	1. 2. 3. 4. 5. 6.		

<b>Tools/Services Used</b>	1.
	2.
	3.
	4.
	5.

**Results Analysis:**

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### Test 4.3: Test client-side controls over user input

<b>Target Organization</b>		
<b>URL</b>		
<b>Target Application</b>		
<b>Type of Client-Side Controls Used by Applications</b>		
<b>Arbitrary Requests Sent to the Server Successful</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<b>Target Server Response</b>	1. _____ 2. _____ 3. _____	
<b>Exploitable Inputs in the Validation of Client-Side Controls</b>	1. _____ 2. _____ 3. _____	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	

### Results Analysis:

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**Test 4.4: Identify client-side scripting**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target Application</b>	
<b>Technologies Used on the Client's Side</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
<b>Identified Client-side Scripting</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____

**Results Analysis:**

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## Test 4.5: Test thick-client components

Target Organization			
URL			
Java Applets Supported by the Client Application	<input type="checkbox"/> True	<input type="checkbox"/> False	
Identified .class and .jar file types and applet tags Used in HTML Code			
.class File Types	.jar File Types	Applet Tags	
Validation Process of Thick-client Components			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

## Results Analysis:

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**Test 4.6: Test ActiveX controls**

<b>Target Organization</b>	
<b>URL</b>	
<b>Identified HTML Parameters for the ActiveX Controls</b>	
<b>Vulnerable ActiveX Controls</b>	
<b>Methods Executed by the Control and Test Validation Process with the Server</b>	
<b>Information Gathered about the Client Controls</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 4.7: Test shockwave flash objects**

<b>Target Organization</b>			
<b>URL</b>			
<b>Flash Object Functions Employed by the Browser</b>	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div>		
<b>Data Transmitted to the Server can be Exploited and Modified</b>	<input type="checkbox"/> True	<input type="checkbox"/> False	
<b>Test Results for Shockwave Flash Objects</b>	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div> <div>4. <hr/></div> <div>5. <hr/></div>		
<b>Tools/Services Used</b>	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div> <div>4. <hr/></div> <div>5. <hr/></div>		

**Results Analysis:**

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**Test 4.8: Check for frame injection**

<b>Target Organization</b>			
<b>URL</b>			
<b>Host Applications Support Editing of Frames and Frameset Tags in HTML Pages</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Frameset Code on the HTML Page</b>			
<b>Vulnerable Host Site Tampered with URL Parameters</b>			
<b>Forged Site that Controls Contents of the Host Site</b>			
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>		

**Results Analysis:**

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**Test 4.9: Test with user protection via browser settings**

<b>Target Organization</b>	
<b>URL</b>	
<b>Browser Settings</b>	
<b>Test Results for User Protection via Browser Settings</b>	1. 2. 3. 4. 5.
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.

**Results Analysis:**

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**Test 5.1: Understand the mechanism**

<b>Target Organization</b>	
<b>URL</b>	
<b>Host Environment</b>	
<b>Common Authentication Mechanisms Implemented in the Host Environment</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Key Areas where Authentication Process is Executed</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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**Test 5.2: Test password quality**

<b>Target Organization</b>			
<b>URL</b>			
<b>Host Environment</b>			
<b>Password Quality Rules are Implemented and Executed on the Host Environment</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Password Validation Techniques</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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**Test 5.3: Test for username enumeration**

<b>Target Organization</b>		
<b>URL</b>		
<b>Username Enumeration</b>		
<b>Valid Username</b>		<b>Corresponding Password</b>
1.		1.
2.		2.
3.		3.
4.		4.
<b>Test Results for Username Enumeration</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

**Results Analysis:**

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**Test 5.4: Test resilience to password guessing**

<b>Target Organization</b>	
<b>URL</b>	
<b>Techniques Used to Gather Password List</b>	1. 2. 3. 4. 5.
<b>dictionary of all possible passwords</b>	1. 2. 3. 4. 5.
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.

**Results Analysis:**

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### Test 5.5: Test any account recovery function, and remember me function

<b>Target Organization</b>			
<b>URL</b>			
<b>Password Changing Functionality within the Application</b>			
<b>vulnerabilities in Password Change Functionality</b>	1. 2. 3. 4. 5.		
<b>Password Recovery Techniques Used</b>	1. 2. 3.		
<b>Bypass Authentication Mechanisms Successful</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.		

### Results Analysis:

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**Test 5.6: Perform password brute-forcing**

<b>Target Organization</b>			
<b>URL</b>			
<b>Cracking the log-in Passwords Successful</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Password Brute-forcing</b>			
<b>Valid Username</b>		<b>Password</b>	
1.		1.	
2.		2.	
3.		3.	
4.		4.	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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### Test 5.7: Perform session ID prediction/brute-forcing

<b>Target Organization</b>			
<b>URL</b>			
<b>Captured Valid Session ID Values</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		
<b>Session ID Generation Process in an Application</b>			
Structure of Session ID	Information to Create the ID	Encryption Algorithm Used	
<b>Technique Used to Generate and Test Different Values of Session ID</b>			
<b>Access to the Application Successful</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Vulnerable Session Generation Mechanisms</b>			
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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**Test 5.8: Perform authorization attack**

<b>Target Organization</b>	
<b>Target Application</b>	
<b>Modifying Input Fields to Manipulate the HTTP Requests</b>	
<b>Techniques Used for Parameter Tampering</b>	
<input type="checkbox"/> Cookies	<input type="checkbox"/> Query String
<input type="checkbox"/> URL	<input type="checkbox"/> POST Data
<input type="checkbox"/> Hidden Tags	<input type="checkbox"/> HTTP Headers
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____

**Results Analysis:**

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**Test 5.9: Perform HTTP request tampering**

<b>Target Organization</b>			
<b>URL</b>			
<b>Query String Tampering</b>			
<b>Access to Protected Application Functionalities Successful</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Test Results for HTTP Request Tampering</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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**Test 5.10: Perform authorization attack - Cookie parameter tampering**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target Application</b>	
<b>Cookie Generation Mechanism</b>	
<b>Test Results for Authorization Attack - Cookie Parameter Tampering</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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## Test 6.1: Understand the mechanism

<b>Target Organization</b>			
<b>URL</b>			
<b>Mechanism Used for Managing Sessions and State</b>			
<b>Application Uses Session Tokens to Handle Requests from Users</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Other Methods Used to Handle Requests from Users</b>	1. 2. 3. 4.		
<b>Data Used To Re-identify the Users</b>	1. 2. 3. 4.		
<b>Session-dependent Page or Function</b>	1. 2. 3. 4. 5.		
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.		

**Results Analysis:**

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**Test 6.2: Test tokens for meaning**

<b>Target Organization</b>	
<b>URL</b>	
<b>Guessed Token Issued to the Application</b>	
<b>Recorded Tokens Received from the Server</b>	
<b>Tokens Related to the Username</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 6.3: Session token prediction (Test tokens for predictability)**

<b>Target Organization</b>	
<b>URL</b>	
<b>Guessed Token Issued to the Application</b>	
<b>Determined Valid Session Tokens from Requests Sent to Session-dependent Page</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____

**Results Analysis:**

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**Test 6.4: Check for insecure transmission of tokens**

<b>Target Organization</b>			
<b>URL</b>			
<b>Session Tokens are Transmitted Over an HTTP Connection</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Test Results for Insecure Transmission of Tokens</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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**Test 6.5: Check for disclosure of tokens in logs**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target Application</b>	
<b>Instances where Session Tokens are Transmitted within the URL</b>	
<b>Valid Session Tokens Issued to Users</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 6.6: Check mapping of tokens to sessions**

<b>Target Organization</b>			
<b>URL</b>			
<b>Target Application</b>			
<b>Modified User-related Components of the Token</b>			
<b>Resulting Token Accepted by the Application Successfully</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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**Test 6.7: Test session termination**

<b>Target Organization</b>			
<b>URL</b>			
<b>Target Application</b>			
<b>Session Expiration Implemented on the Server</b>	<input type="checkbox"/> True	<input type="checkbox"/> False	
<b>Logout Function Exists</b>	<input type="checkbox"/> True	<input type="checkbox"/> False	
<b>Logout Function Invalidates the User's Session on the Server</b>	<input type="checkbox"/> True	<input type="checkbox"/> False	
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>		

**Results Analysis:**

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**Test 6.8: Test for session fixation attack**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target Website</b>	
<b>Techniques Used to "Fix" the Session ID Value</b>	1. 2. 3.
<b>Test Results for Session Fixation Attack</b>	1. 2. 3. 4. 5.
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.

**Results Analysis:**

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**Test 6.9: Test for session hijacking**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target User</b>	
<b>Hijacked Session</b>	
<b>Test Results for Session Hijacking</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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## Test 6.10: Check for XSRF

<b>Target Organization</b>		
<b>URL</b>		
<b>Target Application</b>		
<b>Method Used for Transmitting Session Tokens</b>		
<b>Key Functionality of the Application</b>		
<b>Application Uses AJAX</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<b>Instances for JSON Hijacking Vulnerabilities</b>	1. 2. 3. 4. 5.	
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.	

## Results Analysis:

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**Test 6.11: Check cookie scope**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target Application</b>	
<b>Results from the Cookie Scope Test Performed</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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**Test 6.12: Test cookie attacks**

<b>Target Organization</b>		
<b>URL</b>		
<b>Target Application</b>		
<b>Unauthorized Access to Accounts Successful</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<b>Results from the Cookie Attacks Test Performed</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	

**Results Analysis:**

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### Test 7.1: Understand the access control requirements

<b>Target Organization</b>			
<b>URL</b>			
<b>Target Application</b>			
<b>Checked the Areas of Functionality and Data Resources</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Targets for Privilege Escalation Attacks</b>	1. _____ 2. _____ 3. _____		
<b>Accounts with Different Vertical and Horizontal Privileges</b>			
<b>Accounts with Vertical Privileges</b>		<b>Accounts with Horizontal Privileges</b>	
1.		1.	
2.		2.	
3.		3.	
4.		4.	
5.		5.	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

### Results Analysis:

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**Test 7.2: Testing with multiple accounts**

<b>Target Organization</b>			
<b>URL</b>			
<b>Is the Attempt to Use One Account to Access Data Belonging to the Other Account Successful?</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Results for Test with Multiple Accounts</b>			
<b>Tools/Services Used</b>	1. _____		
	2. _____		
	3. _____		
	4. _____		
	5. _____		

**Results Analysis:**

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**Test 7.3: Testing with limited access**

<b>Target Organization</b>	
<b>URL</b>	
<b>Identifiers Associated with Other Users' Data</b>	
<b>Broken Access Controls Test</b>	
<b>Application Mapping that Uses a Low- Privileged Account</b>	
<b>URLs for Privileged Functions</b>	
<b>Results for Test with Limited Access</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 7.4: Test for insecure access control methods**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target Application</b>	
<b>Modified Parameters in Key Requests</b>	1. 2. 3.
<b>Application's Base Access Control Decisions</b>	
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.

**Results Analysis:**

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### Test 7.5: Test segregation in shared infrastructures

<b>Target Organization</b>			
<b>URL</b>			
<b>Hosting Environment</b>			
<b>Remote Access Facility Uses a Secure Protocol</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Customers are Able to Access Files, Data, and Other Resources</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Customers are Able to Gain Information within the Hosting Environment</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>Test Results for Segregation in Shared Infrastructures</b>	1. 2. 3. 4. 5.		
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.		

### Results Analysis:

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**Test 7.6: Test segregation between asp-hosted applications**

<b>Target Organization</b>			
<b>URL</b>			
<b>Application Belongs to an ASP-host Service</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Identify Shared Components</b>	1. _____ 2. _____ 3. _____ 4. _____		
<b>Common Database Uses a Shared Environment</b>	<input type="checkbox"/> True	<input type="checkbox"/> False	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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**Test 8.1: Test for LDAP injection**

<b>Target Organization</b>			
<b>URL</b>			
<b>Target Application</b>			
<b>Query Sent to the Server that Generates an Invalid Input</b>			
<b>Error Returned from LDAP Server</b>			
<b>Is the Application vulnerable to LDAP Code Injection?</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Information Gathered</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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**Test 9.1: Test for XML structure**

<b>Target Organization</b>		
<b>URL</b>		
<b>Malformed XML Message Sent to the Server</b>		
<b>List of Parameters being Validated</b>		
1.		7.
2.		8.
3.		9.
4.		10.
5.		11.
6.		12.
<b>Tools/Services Used</b>	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div> <div>4. <hr/></div> <div>5. <hr/></div>	

**Results Analysis:**

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**Test 9.2: Test for XML content-level**

<b>Target Organization</b>		
<b>URL</b>		
<b>Web Services</b>		
<b>Can the Web Services be by Escalated Privileges</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<b>Test Results for XML Content-level</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	

**Results Analysis:**

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**Test 9.3: Test for WS HTTP GET parameters/REST attacks**

<b>Target Organization</b>	
<b>URL</b>	
<b>Query String Test for HTTP GET</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>
<b>Result of Test Query String</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>
<b>Tools/Services Used</b>	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>

**Results Analysis:**

**Test 9.4: Test for suspicious SOAP attachments**

<b>Target Organization</b>			
<b>URL</b>			
<b>WSDL which Accepts Attachment</b>			
<b>Bypassing Web Services Authentication Mechanisms Successful</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

**Results Analysis:**

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**Test 9.5: Test for XPath injection attack**

<b>Target Organization</b>	
<b>URL</b>	
<b>Syntax of XPath</b>	
<b>Test Results for XPath Injection Attack</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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**Test 9.6: Test for WS replay**

<b>Target Organization</b>	
<b>URL</b>	
<b>Captured HTTP Traffic</b>	
<b>Determined Session ID Patterns</b>	
<b>Valid Session ID Used for the Replay Attack</b>	
<b>Determined Host Server</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 10.1: Identify the key attack surface**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target Application</b>	
<b>Results of Application Mapping</b>	
<b>Identified Key Attack Surface</b>	
<b>Tools/Services Used</b>	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

**Results Analysis:**

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**Test 10.2: Test for logic flaws**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target Application</b>	
<b>Identified Logic Flow</b>	
<b>Test Results for Logic Flaws</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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## Test 10.3: Test multistage processes

<b>Target Organization</b>			
<b>URL</b>			
<b>Sequence of Stages that can be Accessed via a Series of GET or POST Requests for Distinct URLs</b>	1. 2. 3. 4. 5.		
<b>Multistage Process that Involves Different Users Performing Operations on the Same Set of Data</b>	1. 2. 3. 4. 5.		
<b>Are Multistage Functions Accessed Out of Sequence?</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<b>Test Results for Multistage Processes</b>	1. 2. 3. 4. 5.		
<b>Tools/Services Used</b>	1. 2. 3. 4. 5.		

**Results Analysis:**

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**Test 10.4: Test handling of incomplete input**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target Application</b>	
<b>Application Response Behavior</b>	
<b>Test Results for Handling of Incomplete Input</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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**Test 10.5: Test trust boundaries**

<b>Target Organization</b>	
<b>URL</b>	
<b>Target Application</b>	
<b>Test Results for Trust Boundaries</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
<b>Tools/Services Used</b>	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

**Results Analysis:**

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**Test 10.6: Test transaction logic**

<b>Target Organization</b>	
<b>URL</b>	
<b>Checked Application Algorithms for Adjustments Made</b>	
<b>Methods of Manipulating the Application's Behavior</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
<b>Test Results for Transaction Logic</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
<b>Tools/Services Used</b>	1. _____ 2. _____ 3. _____ 4. _____ 5. _____

**Results Analysis:**

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