

EC-Council Licensed Penetration Tester

Methodology: External Penetration Testing

Penetration Tester:			
Organization:			
Date:		Location:	



Test 1: Inventory the company's external infrastructure

Target Organization	
URL	
List of cities the company is located	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
Company's Website Links	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
World Map of the Cities where the Company Resides	
External Resource of the Target's Networks	1. _____ 2. _____ 3. _____ 4. _____ 5. _____

Other Information Recovered	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>
Tools/Services Used	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div>

Results Analysis:

Test 2: Create topological map of the network

Target Organization	
URL	
Create Topological Map of the Network	LAN/WAN Design
	Peer-to-Peer (P2P)
	Network Topologies

	Network Cabling
	Customers and Partners Networked to other Systems
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

Results Analysis:

Test 3: Identify the IP address of the targets

Target Organization	
URL	
Mail Server IP Address	
Web Server IP Address	
Proxy Server IP Address	
DNS Server IP Address	
Tools/Services Used	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

Results Analysis:

Test 4: Locate the traffic route that goes to the web servers

Target Organization			
URL			
IP Address Traced			
Tracert Results			
Total Number of Hops		Timeout	

IP Addresses Hoped	
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20.	
21.	

Tools/Services Used	1.
	2.
	3.
	4.
	5.

Results Analysis:

Test 5: Locate TCP traffic path to the destination

Target Organization		
URL		
TCP Traffic Path to the Destination is located Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
IP Address Traced		
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	

Results Analysis:

Test 6: Locate UDP traffic path to the destination

Target Organization		
URL		
UDP Traffic Path to the Destination is located Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
IP Address Traced		
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	

Results Analysis:

Test 7: Identify the physical location of the target servers

Target Organization				
URL				
Physical location of the target Servers	IP Address	City Located	Country	Hosted by Vendor
1.				
2.				
3.				
4.				
5.				
Tools/Services Used	1. _____			
	2. _____			
	3. _____			
	4. _____			
	5. _____			

Results Analysis:

Test 8: Examine the use of IPv6 at the remote location

Target Organization	
URL	
IP Addresses probed for IPV6	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
List of IP addresses using IPv6	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____

Results Analysis:

Test 9: Look Up domain registry for IP information

Target Organization	
URL	
IP Address	
Tools/Services Used	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

Results Analysis:

Test 10: Find IP block information about the target

Target Organization		
URL		
Found IP Block Information about the Target Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
List the IP Block Information		
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 11: Locate the ISP servicing the client

Target Organization	
URL	
Name of the ISP	
Pricing Plans	1. _____ 2. _____ 3. _____ _____
Services Provided	1. _____ 2. _____ 3. _____ 4. _____ _____
Which other companies are assigned IP address from the same block	1. _____ 2. _____ 3. _____ 4. _____ _____
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ _____

Results Analysis:

Test 12: Port scan every port (65,536) on the target's network

Target Organization		
URL		
IP Address Tested		
Performed Complete Port Scan of the Target Network Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 13: List open ports

Target Organization	
URL	
IP Address Tested	
List Open Ports Identified from Test 12 and their associated Services	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div> <div>6. _____</div> <div>7. _____</div> <div>8. _____</div> <div>9. _____</div> <div>10. _____</div> <div>11. _____</div> <div>12. _____</div> <div>13. _____</div> <div>14. _____</div>
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div>

Results Analysis:

Test 14: List closed ports

Target Organization	
URL	
IP Address Tested	
List the Ports that are Closed	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div><div>6.</div><div>7.</div><div>8.</div><div>9.</div><div>10.</div><div>11.</div><div>12.</div><div>13.</div><div>14.</div></div>
Tools/Services Used	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div></div>

Results Analysis:

Test 15: List suspicious ports that are half open/closed

Target Organization	
URL	
IP Address Tested	
List the Suspicious Ports that are half open/closed	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div> <div>6. _____</div> <div>7. _____</div> <div>8. _____</div> <div>9. _____</div> <div>10. _____</div> <div>11. _____</div> <div>12. _____</div> <div>13. _____</div> <div>14. _____</div>
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div>

Results Analysis:

Test 16: Use SYN scan on the target and see the response

Target Organization		
URL		
IP Address Scanned		
Command Used		
Performed SYN Scan on the Target Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Response Received		
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 17: Use connect scan on the target and see the response

Target Organization		
URL		
IP Address Scanned		
Command Used		
Performed Connect Scan on the Target Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Response Received		
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 18: Use XMAS scan on the target and see the response

Target Organization		
URL		
IP Address Scanned		
Command Used		
Performed XMAS Scan on the Target Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Response Received		
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 19: Use FIN scan on the target and see the response

Target Organization		
URL		
IP Address Scanned		
Command Used		
Performed FIN Scan on the Target Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Response Received		
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 20: Use NULL scan on the target and see the response

Target Organization		
URL		
IP Address Scanned		
Command Used		
Performed NULL Scan on the Target Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Response Received		
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 21: Use fragmentation scanning and examine the response

Target Organization		
URL		
IP Address Scanned		
Command Used		
Performed Fragmentation Scan on the Target Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Response Received		
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 22: Firewalk on the router's gateway and guess the access list

Target Organization	
URL	
IP Address Firewalked	
Response Received	
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

Results Analysis:

Test 23: Examine TCP sequence number prediction

Target Organization	
URL	
IP Address Tested	
Command Used	
Sequence Numbers Predicted	<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> <div>8. <hr/></div> <div>9. <hr/></div> <div>10. <hr/></div>
Tools/Services Used	<div>1. <hr/></div> <div>2. <hr/></div> <div>3. <hr/></div> <div>4. <hr/></div> <div>5. <hr/></div>

Results Analysis:

Test 24: Examine the use of standard and non-standard protocols

Target Organization	
URL	
IP Address Tested	
Standard Protocols Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
Non-Standard Protocols Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____

Results Analysis:

Test 25: Examine IPID sequence number prediction

Target Organization	
URL	
IP Address Tested	
IPID number predicted	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div> <div>6. _____</div> <div>7. _____</div> <div>8. _____</div>
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

Results Analysis:

Test 26: Examine the system uptime of target

Target Organization					
URL					
Server	OS	Last Seen	IP Address	Netblock Owner	Uptime
Tools/Services Used	1. _____				
	2. _____				
	3. _____				
	4. _____				
	5. _____				

Results Analysis:

Test 27: Examine the operating system used for different targets

Target Organization		
URL		
	Server	Operating System Used
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
Tools/Services Used	1. _____	
	2. _____	
	3. _____	
	4. _____	
	5. _____	

Results Analysis:

Test 28: Examine the patches applied to the operating system

Target Organization				
URL				
OS	Server	Last Seen	IP Address	Netblock Owner
Tools/Services Used		1. _____		
		2. _____		
		3. _____		
		4. _____		
		5. _____		

Results Analysis:

Test 29: Locate the DNS record of the domain and attempt DNS hijacking

Target Organization	
URL	
Domain Name Tested	
Domain registered at (http location)	
Authentication used to logon	
Username	
Password	
Original DNS IP Address	
Fake DNS IP Address Redirected	
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

Results Analysis:

Test 30: Download applications from the company's website and reverse engineer the binary code

Target Organization		
URL		
Downloaded Application from URL	Name of the Application	Type of Application
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
Information looked at by Reverse Engineering the Binary Code	1. 2. 3. 4. 5. 6. 7.	
Tools/Services Used	1. 2. 3. 4. 5.	

Results Analysis:

Test 31: List programming languages used and application software to create various programs from the target server

Target Organization		
URL		
Type of Application	<input type="checkbox"/> Commercial	<input type="checkbox"/> In-House
Programming Languages Used by Web Application	<input type="checkbox"/> AppleScript <input type="checkbox"/> C <input type="checkbox"/> AWK <input type="checkbox"/> C++ <input type="checkbox"/> JavaScript <input type="checkbox"/> C# <input type="checkbox"/> PERL <input type="checkbox"/> COBOL <input type="checkbox"/> PHP <input type="checkbox"/> Java <input type="checkbox"/> Python <input type="checkbox"/> J++ <input type="checkbox"/> Ruby <input type="checkbox"/> J# <input type="checkbox"/> Tcl <input type="checkbox"/> PowerBuilder <input type="checkbox"/> VBScript <input type="checkbox"/> Visual Basic <input type="checkbox"/> Others: _____ _____	
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____	

Results Analysis:

Test 32: Look for error and custom web pages

Target Organization	
URL	
List of Tested URL Strings	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div> <div>5.</div> <div>6.</div> <div>7.</div> <div>8.</div>
Error Message Location URL's	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div>
Content of the Message	
Tools/Services Used	<div>1.</div> <div>2.</div> <div>3.</div> <div>4.</div>

Results Analysis:

Test 33: Guess different subdomain names and analyze different responses

Target Organization	
URL	
Main Domain	
List of Sub Domain Names and their Responses	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div> <div>6. _____</div> <div>7. _____</div> <div>8. _____</div> <div>9. _____</div> <div>10. _____</div>
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

Results Analysis:

Test 34: Examine the session variables

Target Organization		
URL		
Website URL tested		
	Session variable	Value
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
Tools/Services Used	1. _____	
	2. _____	
	3. _____	
	4. _____	
	5. _____	

Results Analysis:

Test 35: Examine cookies generated by the server

Target Organization					
URL					
Website URL tested					
Cookie Name	Value	Cookie is Encrypted		Content Stored in Cookie	Expiry Date of Cookie
1.		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
2.		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
3.		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
4.		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
5.		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
6.		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
7.		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
8.		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
9.		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
10.		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
11.		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
12.		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
Tools/Services Used		1. _____ 2. _____ 3. _____ 4. _____ 5. _____			

Results Analysis:

Test 36: Examine the access controls used in the web applications

Target Organization		
URL		
Website Login Pages Tested	Authentication Used	
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
Tools/Services Used	1. _____	
	2. _____	
	3. _____	
	4. _____	
	5. _____	

Results Analysis:

Test 37: Brute force URL injections and session tokens

Target Organization		
URL		
Website URL Tested		
URL Location	Injected Value	Response
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	

Results Analysis:

Test 38: Check for directory consistency and page naming syntax of the web pages

Target Organization		
URL		
Web Page URL	Directory Consistency and Page Naming Syntax	
1.	<input type="checkbox"/> Logical directory <input type="checkbox"/> Files named based on naming conventions <input type="checkbox"/> Repository for images, pdf, and other documents <input type="checkbox"/> Repository for sensitive information <input type="checkbox"/> Structured links and pages <input type="checkbox"/> Site outline	
2.	<input type="checkbox"/> Logical directory <input type="checkbox"/> Files named based on naming conventions <input type="checkbox"/> Repository for images, pdf, and other documents <input type="checkbox"/> Repository for sensitive information <input type="checkbox"/> Structured links and pages <input type="checkbox"/> Site outline	
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	

Results Analysis:

Test 39: Look for sensitive information in web page source code

Target Organization	
URL	
Website URL Tested	
Source Code Leakage	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div><div>6.</div><div>7.</div><div>8.</div><div>9.</div><div>10.</div></div>
Tools/Services Used	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

Results Analysis:

Test 40: Attempt URL encodings on the web pages

Target Organization			
URL			
Web Page	URL Encodings	Response Received	
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 41: Try buffer overflow attempts at input fields

Target Organization			
URL			
Web Page	Buffer Overflow Text Attempted	Response Received	
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
Tools/Services Used	1. _____		
	2. _____		
	3. _____		
	4. _____		

Results Analysis:

Test 42: Try Cross Site Scripting (XSS) techniques

Target Organization			
URL			
Web Page Tested	Vulnerabilities in Script	Cross Site Scripting Attempted	Response Received
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 43: Record and replay the traffic to the target web server and note the response

Target Organization	
URL	
Website URL	
Recorded Browser Sessions	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
Replay Packet Size	
Response Received	
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

Results Analysis:

Test 44: Try various SQL injection techniques

Target Organization	
URL	
Website URL Tested	
Tested Strings	<input type="checkbox"/> ' or 1=1-- <input type="checkbox"/> " or 1=1-- <input type="checkbox"/> or 1=1-- <input type="checkbox"/> ' or 'a'='a <input type="checkbox"/> " or "a"="a <input type="checkbox"/> ') or ('a'='a <input type="checkbox"/> ") or ("a"="a
Attempted Locations	<input type="checkbox"/> Form field's <input type="checkbox"/> Directly in URL <input type="checkbox"/> Login screens <input type="checkbox"/> Feedback forms <input type="checkbox"/> Guestbook
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____

Results Analysis:

Test 45: Examine hidden fields

Target Organization			
URL			
Web Page	Hidden fields	Information Revealed	
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 46: Examine e-commerce and payment gateways handled by the web server

Target Organization	
URL	
In-house built e-commerce gateway	
Outsourced e-commerce gateway	
Program Logic	
How Payments are Handled	
Confirmation Emails	
Minimum Order Amount	
Account and Merchant ID	
Tools/Services Used	<ol style="list-style-type: none">1. _____2. _____3. _____4. _____5. _____

Results Analysis:

Test 47: Examine welcome messages, error messages, and debug messages

Target Organization	
URL	
Web Application Welcome Message	
Web Application Error Messages	1. _____ 2. _____ 3. _____ 4. _____
Web Application Intrusion Warning Messages	1. _____ 2. _____ 3. _____ 4. _____
Web Application Debugging Messages	1. _____ 2. _____ 3. _____ 4. _____
Web Application Site Maintenance Messages	1. _____ 2. _____ 3. _____ 4. _____
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____

Results Analysis:

Test 48: Probe the service by SMTP mail bouncing

Target Organization		
URL		
Mail Sent to		
SMTP Bounced Back the Mail	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Search in the Bounce Mail	<div>Server Name: _____</div> <div>Version: _____</div> <div>Services Running on Server: _____</div> <div>_____</div> <div>_____</div> <div>_____</div>	
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 49: Grab the banner of HTTP servers

Target Organization		
URL		
Captured the Banner of HTTP Server Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Identified HTTP Web Server		
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 50: Grab the banner of SMTP servers

Target Organization		
URL		
Captured the Banner of SMTP Server Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 51: Grab the banner of POP3 servers

Target Organization		
URL		
Captured the Banner of POP3 Server Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 52: Grab the banner of FTP servers

Target Organization		
URL		
Captured the Banner of FTP Server Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 53: Identify the web extensions used at the server

Target Organization	
URL	
Web Extensions Discovered	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>
Web Server Type and Version	
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>

Results Analysis:

Test 54: Try to use an HTTPS tunnel to encapsulate traffic

Target Organization		
URL		
Encapsulated Traffic using HTTPS Tunnel Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	

Results Analysis:

Test 55: OS fingerprint target servers

Target Organization		
URL		
	Target Server's IP Address	Operating System Used
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____	

Results Analysis:

Test 56: Check for ICMP responses

Target Organization		
URL		
Target System IP Address		
Performed ICMP Scan Successfully	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Response Received		
Tools/Services Used	<div>1. _____</div> <div>2. _____</div> <div>3. _____</div> <div>4. _____</div> <div>5. _____</div>	

Results Analysis:

Test 57: Check for ICMP responses from broadcast address

Target Organization	
URL	
Broadcast Address Used on the Client's Subnet	
Tools/Services Used	<div><div>1.</div><div>2.</div><div>3.</div><div>4.</div><div>5.</div></div>

Results Analysis:

Test 58: Port scan DNS servers (TCP/UDP 53)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 59: Port scan TFTP servers (Port 69)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. 2. 3. 4. 5.		

Results Analysis:

Test 60: Test for NTP ports (Port 123)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 61: Test for SNMP ports (Port 161)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 62: Test for Telnet ports (Port 23)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 63: Test for LDAP ports (Port 389)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	LDAP Query Response	
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____		
	2. _____		
	3. _____		
	4. _____		
	5. _____		

Results Analysis:

Test 64: Test for NetBIOS ports (Ports 135-139, 445)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 65: Test for SQL server ports (Port 1433, 1434)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 66: Test for Citrix ports (Port 1495)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 67: Test for Oracle ports (Port 1521)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 68: Test for NFS ports (Port 2049)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 69: Test for Compaq, HP Inside Manager ports (Port 2301, 2381)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 70: Test for Remote Desktop ports (Port 3389)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 71: Test for Sybase ports (Port 5000)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 72: Test for SIP ports (Port 5060)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 73: Test for VNC ports (Port 5900/5800)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 74: Test for X11 ports (Port 6000)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 75: Test for Jet Direct ports (Port 9100)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 76: Port scan FTP data (Port 20)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 77: Port scan web servers (Port 80)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 78: Port scan SSL servers (Port 443)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 79: Port scan Kerberos-Active Directory (Port TCP/UDP 88)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:

Test 80: Port scan SSH servers (Port 22)

Target Organization			
URL			
Command Used			
Target System IP Address	Port	State	Service
1.			
2.			
3.			
4.			
5.			
6.			
7.			
Tools/Services Used	1. _____ 2. _____ 3. _____ 4. _____ 5. _____		

Results Analysis:
