Solutions for vulnerabilities found in the test website:

	ICMP Timestamp Request Remote Date Disclosure Common Platform Enumeration (CPE) Device Type Host Fully Qualified Domain Name (FQDN) Resolution Nessus SYN scanner Nessus Scan Information OS Identification Service Detection (HELP Request) TCP/IP Timestamps Supported Traceroute Information			
Possible Solutions: Solutions for ICMP Timestamp Request Remote Date Disclosure				
	Block incoming and outgoing ICMP timestamp requests and replies. This is the most effective way to mitigate the vulnerability and can be done using a firewall.			
	Use a different time synchronization protocol. Instead of relying on ICMP timestamps, use a more secure protocol such as NTP.			
	Keep your operating system and network devices up to date. Software updates often include security patches that can help to mitigate vulnerabilities.			
Solu	tions for Common Platform Enumeration (CPE)			
	Restrict access to CPE information. Only allow authorized users to access CPE information. This can be done by configuring your network firewall or by using a web application firewall (WAF).			
	Use a honeypot to detect and deceive attackers. A honeypot is a fake system that is designed to attract and trap attackers. By deploying a honeypot, you can collect information about the			

Solutions for Host Fully Qualified Domain Name (FQDN) Resolution

attacker's methods and targets.

	Use a DNS cache server. A DNS cache server can store frequently accessed DNS records, which can improve performance			
	and security.			
	Use a DNS firewall. A DNS firewall can filter out malicious DNS requests, which can help to protect your network from attacks.			
	Use DNSSEC. DNSSEC is a security extension to the DNS protocol that can help to authenticate and verify DNS records.			
Solut	tions for Nessus SYN scanner			
	Use a firewall to block unauthorized access to the Nessus scanner.			
	Use a Nessus policy to restrict the scope of the scanner.			
	Use a Nessus credential management system to manage access to credentials.			
Solut	tions for Nessus Scan Information			
	Store Nessus scan results in a secure location.			
	Only allow authorized users to access Nessus scan results.			
	Encrypt Nessus scan results.			
Solut	tions for OS Identification			
	Use a firewall to block unauthorized OS fingerprinting requests.			
	Use a security information and event management (SIEM) system to monitor for OS fingerprinting attempts.			
	Keep your operating system and network devices up to date. Software updates often include security patches that can help to mitigate vulnerabilities.			
Solut	tions for Service Detection (HELP Request)			
	Block incoming HELP requests. This can be done using a firewall.			
	Restrict access to the services that are advertised by HELP requests. Only allow authorized users to access these services.			
	Use a security information and event management (SIEM) system to monitor for HELP requests.			
Solutions for TCP/IP Timestamps Supported				
	Disable TCP/IP timestamps on systems that do not need them.			

	Use a firewall to block incoming and outgoing TCP/IP timestamp requests.
	Keep your operating system and network devices up to date. Software updates often include security patches that can help to mitigate vulnerabilities.
Solut	tions for Traceroute Information
	Block incoming traceroute requests. This can be done using a firewall.
	Restrict access to the network devices that are exposed to traceroute requests. Only allow authorized users to access these devices.
	Use a security information and event management (SIEM) system to monitor for traceroute requests.