

II) HCL App Scan Standard

HCL App Scan Standard is primarily designed for security experts and pen testers to use when performing security tests on web applications and web API. It runs automated scans that explore and test web applications based on one of the most powerful scanning engines available.

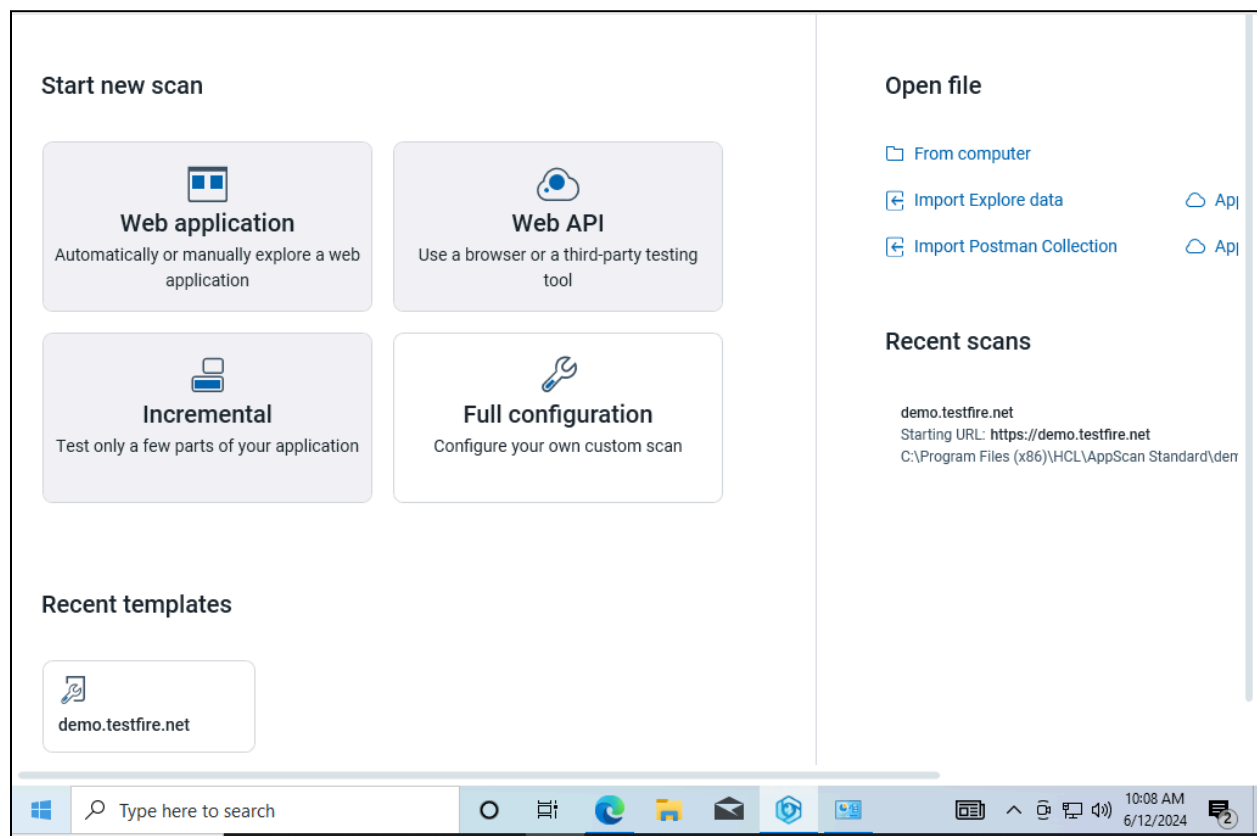
It allows quickly triage and prioritize issues, using a wealth of information provided including test descriptions and detailed vulnerability descriptions. Advisories provide issue remediation advice and fix recommendations for each detected issue.

Community Insights from Gartner:

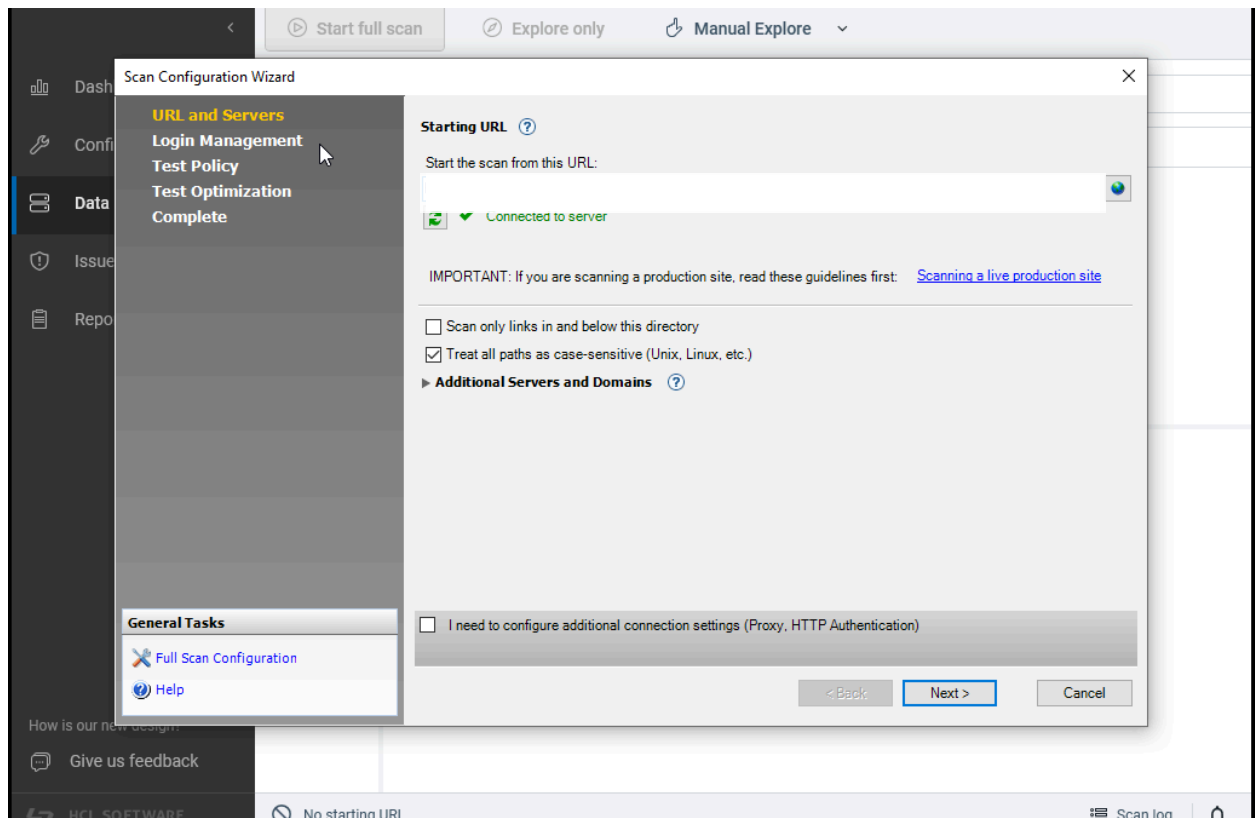
<https://drive.google.com/file/d/11AgkaZVaEbERjtmPw0OSVzS2D83fLaRL/view?usp=sharing>

Step by Step Procedure:

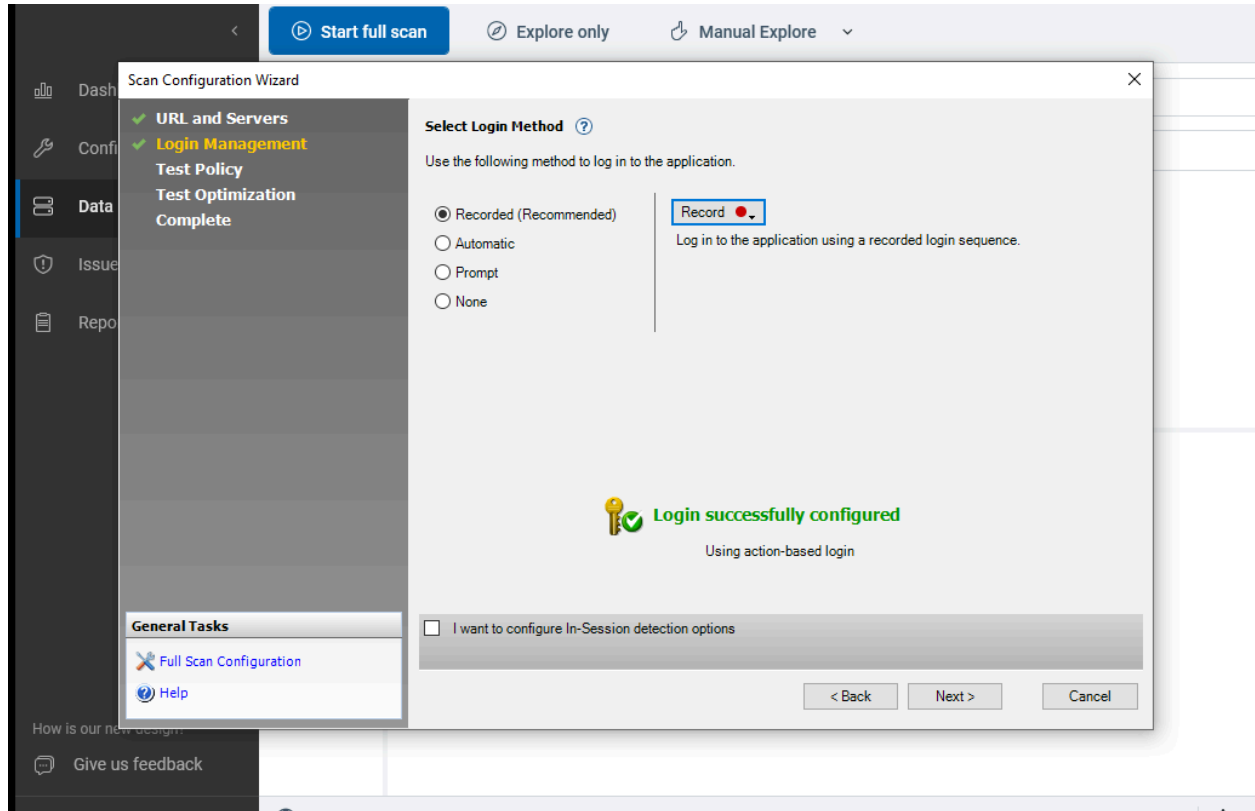
Initialization:



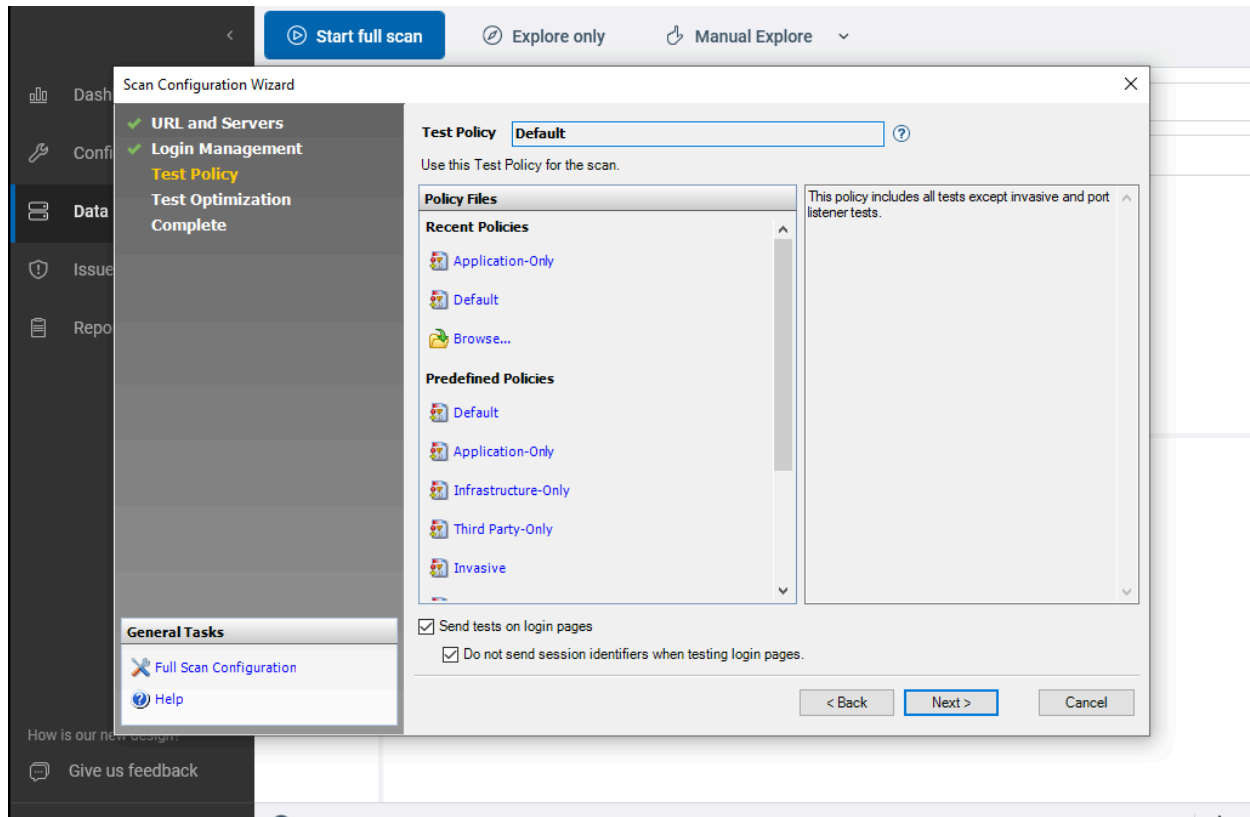
Step 01: Open HCL App Scan Standard



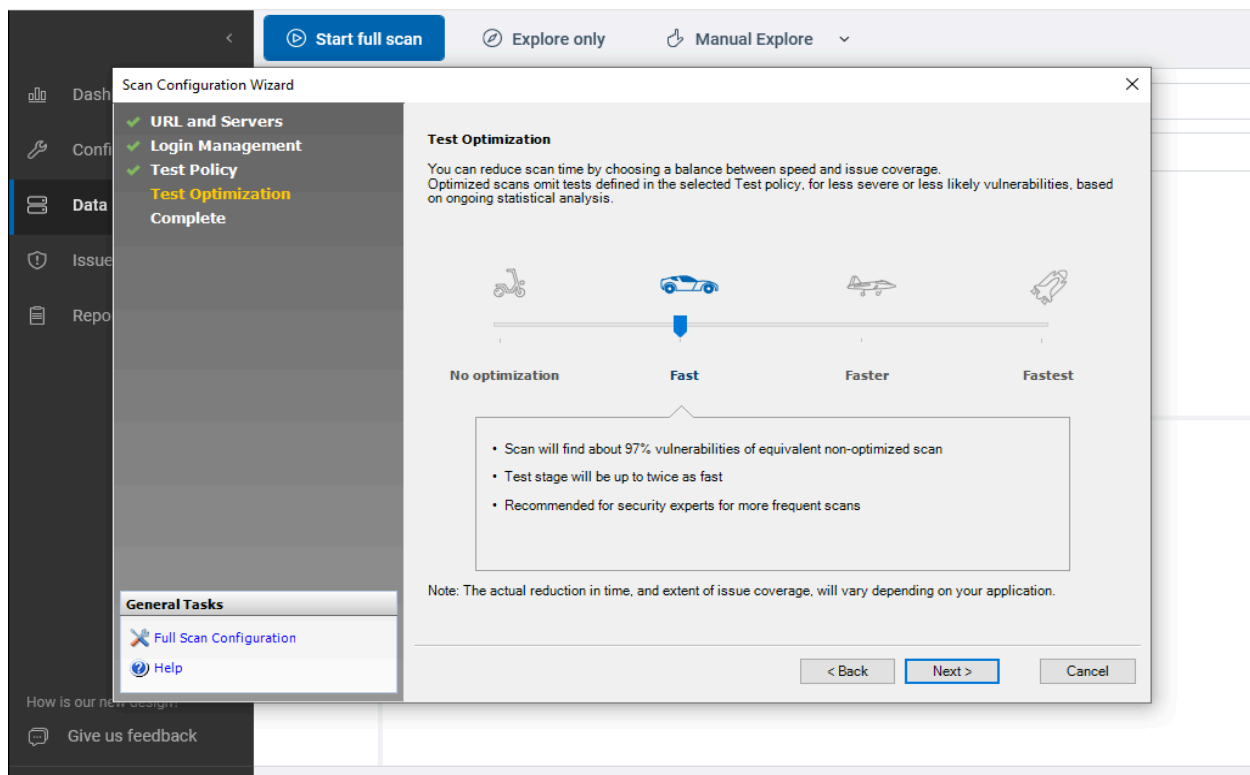
Step 02: Insert the URL to Scan



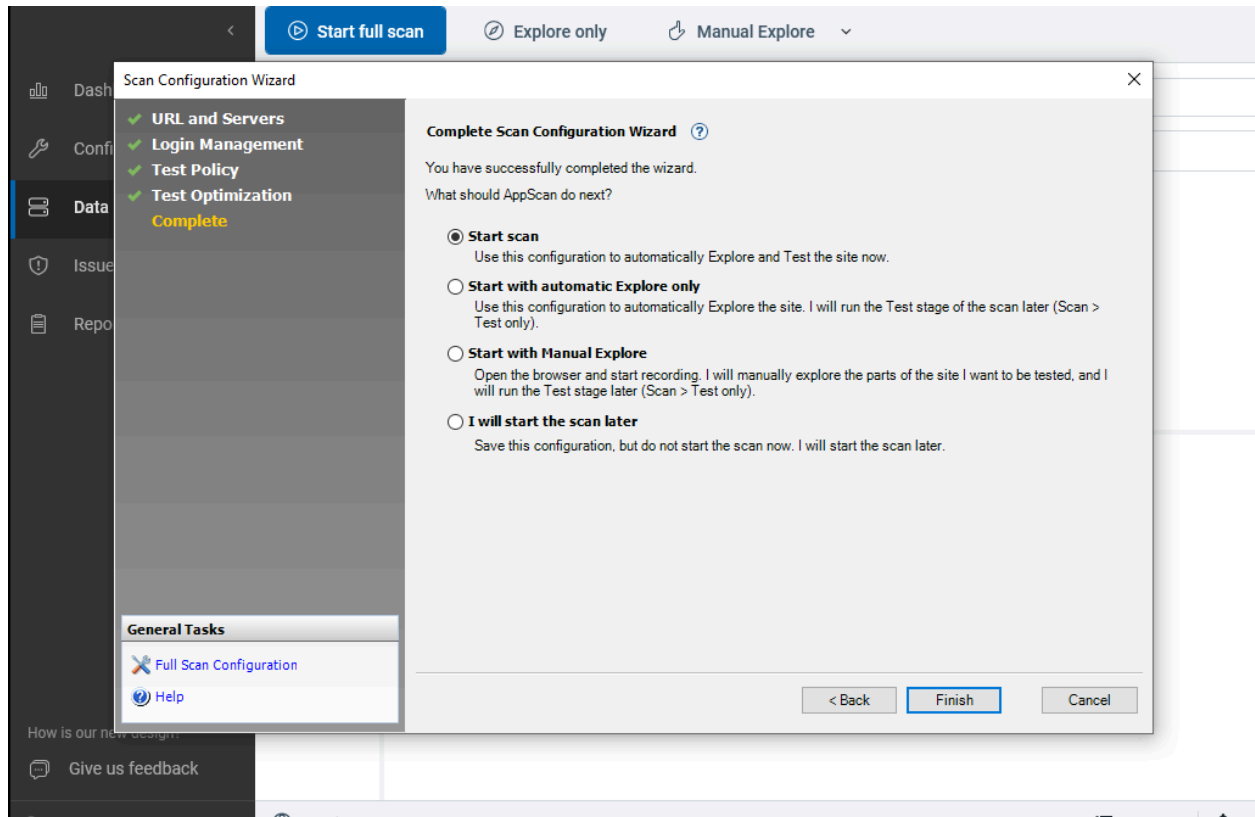
Step 03: Record the login



Step 04: Choose the Policy to carry out the scanning

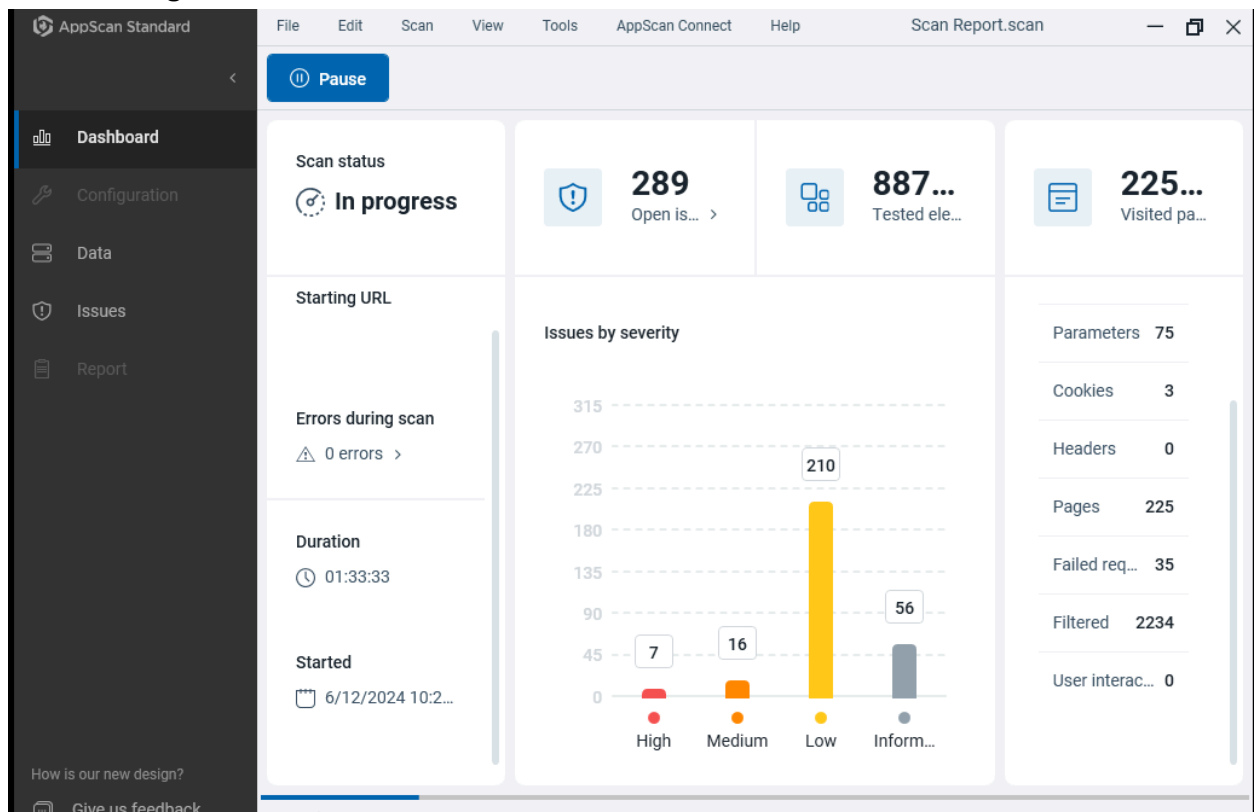


Step 05: Choose the testing Speed level



Step 06: Start the Scan

Scan In Progress:



AppScan Standard

File Edit Scan View Tools AppScan Connect Help Scan Report.scan

Pause

URL-based Content-based Requests (351) Parameters (75) Cookies (3) More Search

My application

URL	Method	Parameters
http://futuretrackers.i	GET	
	GET	
	GET	
	GET	
	GET	
	GET	
	GET	
	GET	
	GET	
	GET	
	GET	
	GET	

Request/Response

How is our new design? Give us feedback

AppScan Standard

File Edit Scan View Tools AppScan Connect Help Scan Report.scan

Pause

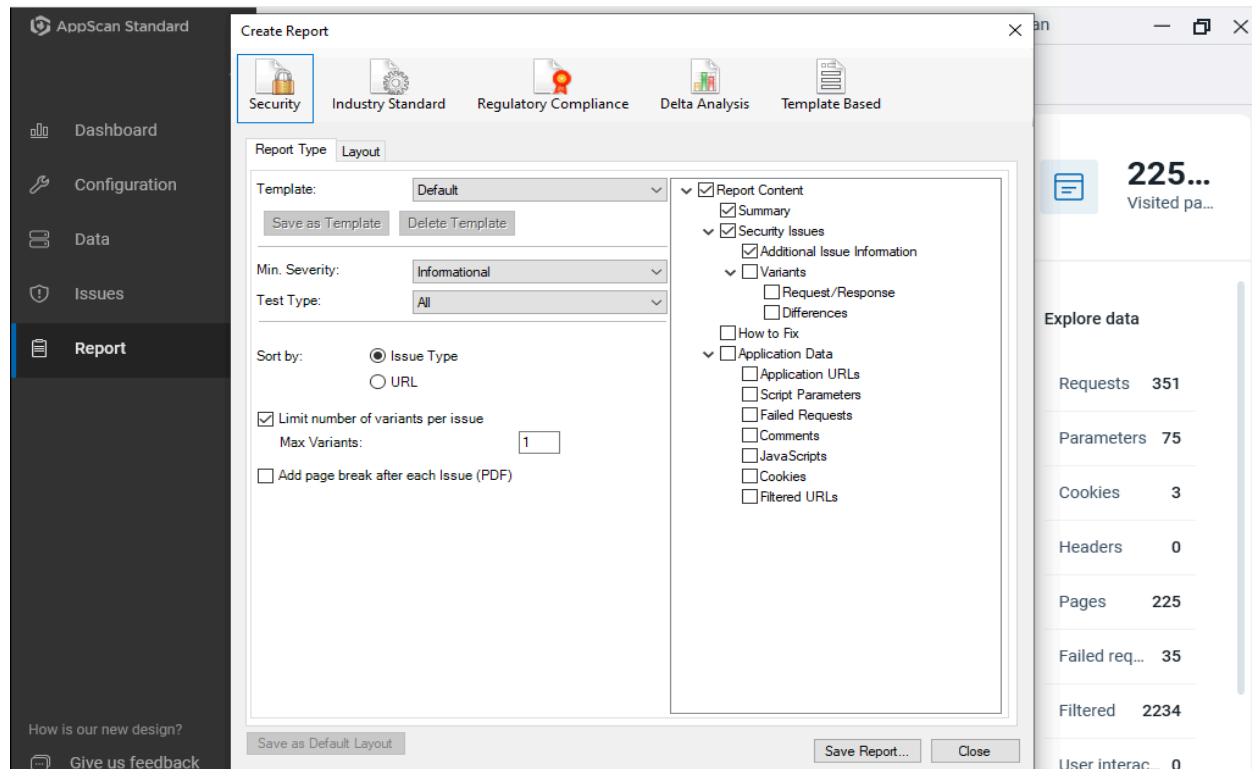
URL-based Content-based Issues (7 of 157) Search

My application

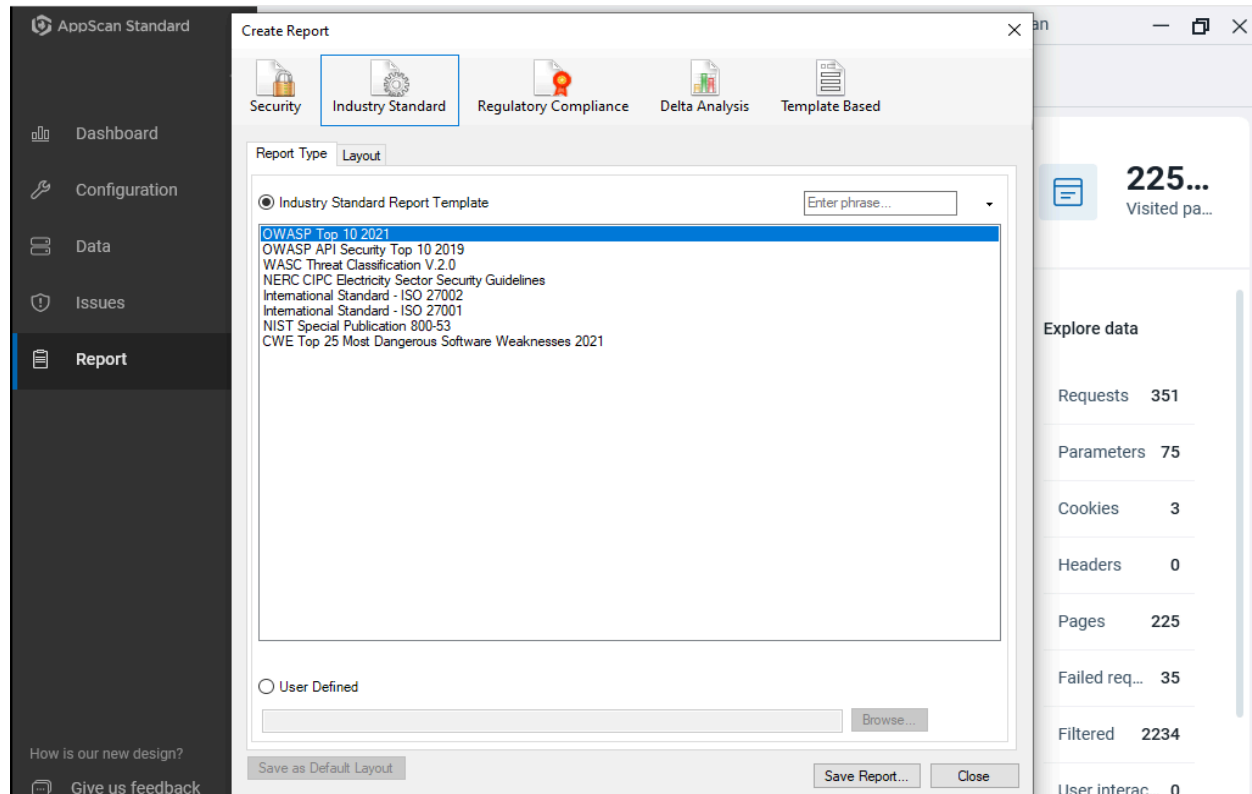
Severity	Status	Issue type	URL
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How is our new design? Give us feedback

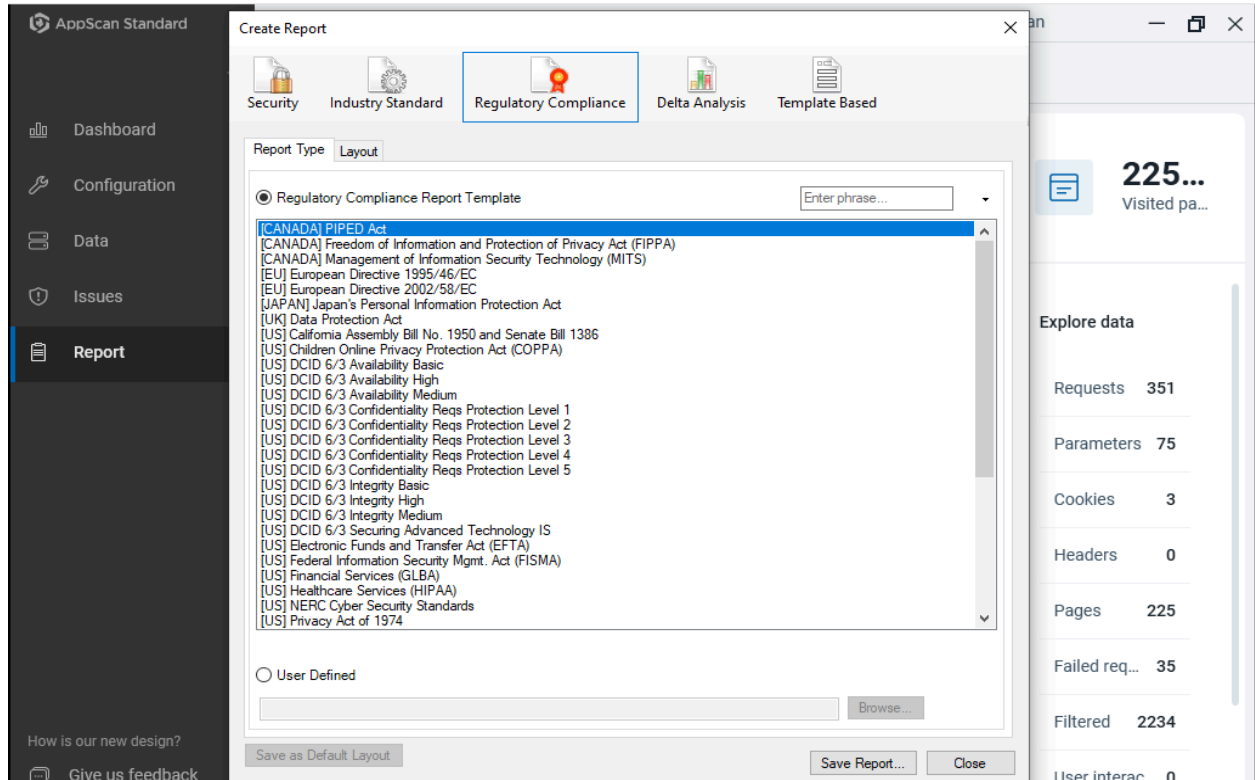
Report Generation:



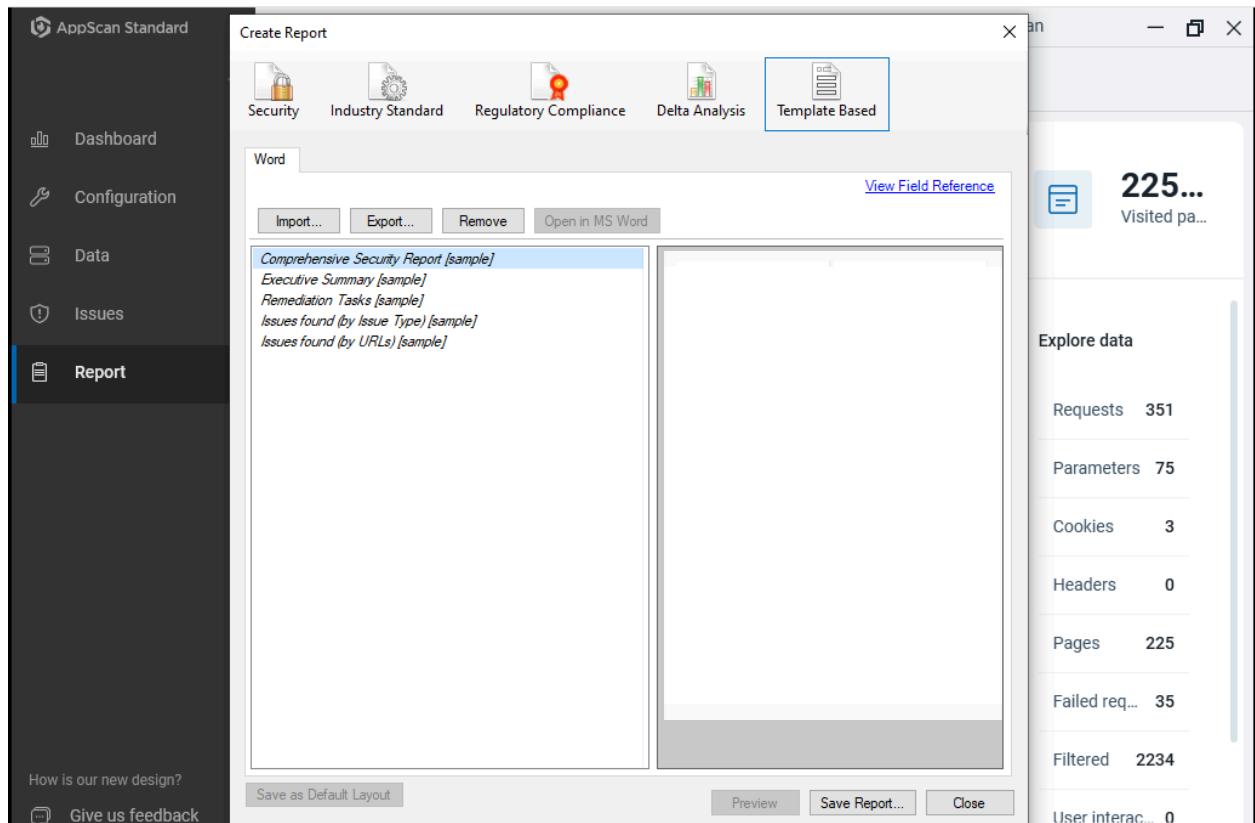
Step 01: Select the report and customize the content



Step 02: Select the Report type



Step 03: Select the Regulatory Compliance



Step 04: Choose the report template and generate the report

III) OWASP ZAP Scanner

ZAP (Zed Attack Proxy) is an open-source security tool maintained by the OWASP (Open Web Application Security Project) community, designed for finding vulnerabilities in web applications. It is widely used for security testing and is recognized for its ease of use, powerful features, and active development community.

Its powerful features include AJAX Spider which is designed to explore web applications that use AJAX and JavaScript, Passive Scanning, Active Scanning and Scripting which allows users to customize and extend the tool's capabilities using scripts etc.

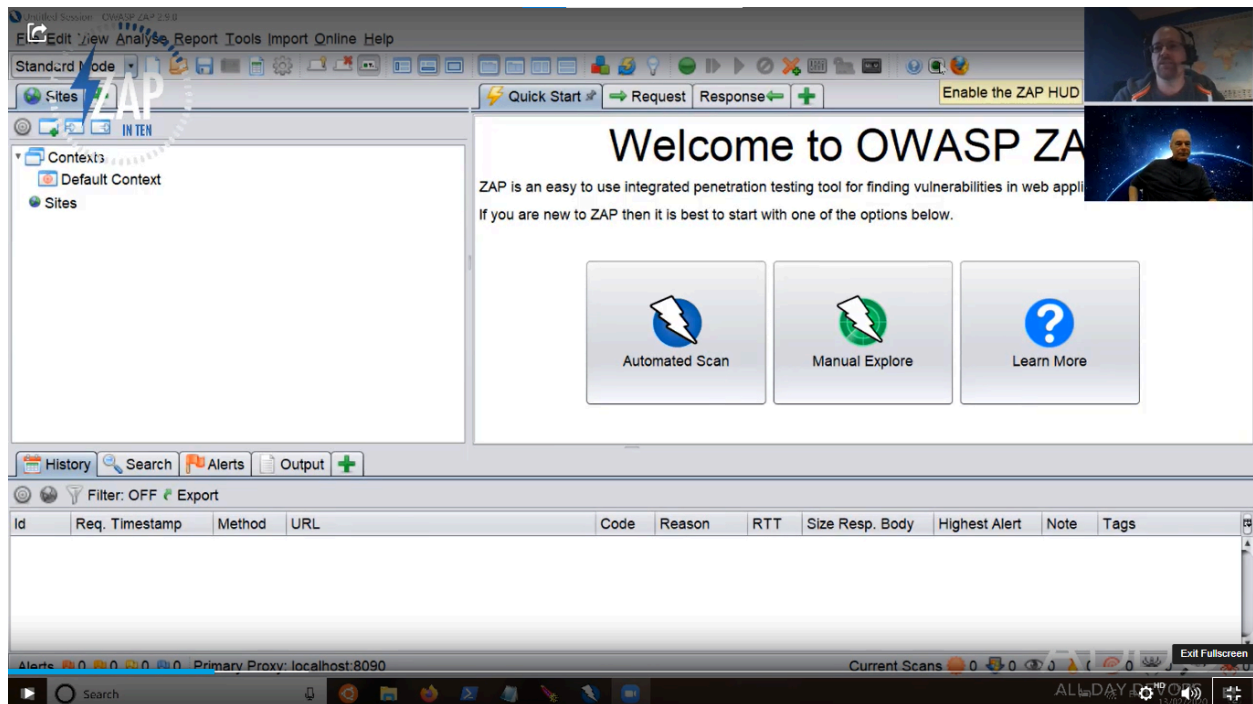
Community Insights from PeerSpot:

https://drive.google.com/file/d/1gMpmOp77HW_illF3EZbRtpYpD96tdo2l/view?usp=sharing

Step by step Procedure:

Initialization:

Method I: Enabling HTTP Automatic Authentication



Step 01: Disable ZAP HUD