

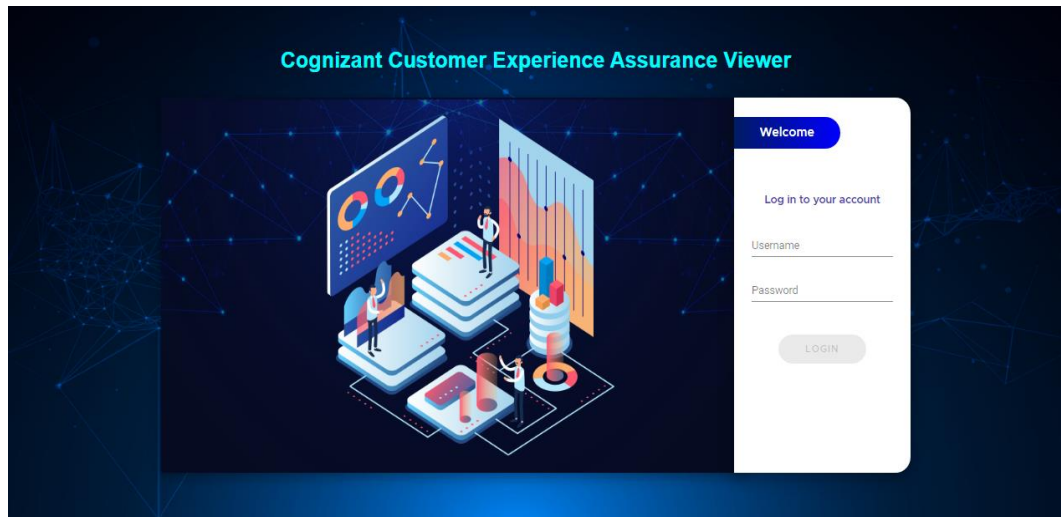
# Cognizant Customer Experience Assurance Viewer

## USER GUIDE FOR CXA-VIEWER

### Contents

1. Login.....	2
2. Create CXA Project for a new scan.....	2
A. Enter Project Name.....	2
B. Click on CXA Suite under the project .....	2
C. Configuration .....	3
D. Performance .....	3
E. Accessibility.....	4
F. Security .....	4
G. Cross-Browser .....	4
H. Active Monitor .....	5
I. SEO .....	5
J. Validate CXA Attributes & Submit.....	5
3. CXA-Viewer Scan Results .....	6
A. Performance .....	6
B. Accessibility.....	8
C. Security .....	9
D. Cross Browser .....	10
E. Active Monitor .....	11
F. SEO .....	12
4. Logout .....	13

## 1. Login



Navigate to the CXA-Viewer URL:

<example: IP address of VM/ machine>

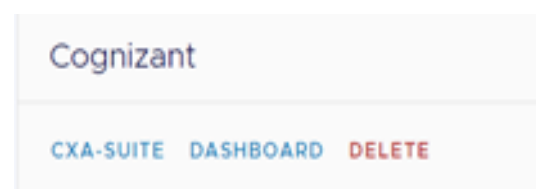
- a. Enter Valid Username and Password
- b. Click on Login

## 2. Create CXA Project for a new scan

### A. Enter Project Name

- Click Project Tab on the Homepage
- Click on New Project
- Enter the Project Name and click on '+' icon

### B. Click on CXA Suite under the project



### C. Configuration

- Enter the Suite Name
- Select the attributes to be scanned from the checkboxes below
- Click the Next button

Choose the CXA Attributes and Submit

1 Configuration 2 Performance 3 Accessibility 4 Security 5 Cross-Browser 6 Active Monitor 7 SEO 8 Done

CXA-Suite Name \*  
Demo

☒ Performance ☒ Accessibility ☒ Security ☒ Cross-Browser ☒ Active Monitor ☒ SEO

Next

### D. Performance

- Application URL should be provided here to capture performance metrics
- Choose browser
- Select the localhost for running scan in local machine
- Select Cloud for running scan in cloud machine
- Provide Remote Grid Url
- Provide Region
- Click on Next Button

Choose the CXA attributes and Submit

1 Configuration 2 Performance 3 Done

URL \* Browser ☒ Chrome ☐ Firefox

Environment ☒ Localhost ☐ Cloud

Back Next

Choose the CXA attributes and Submit

1 Configuration 2 Performance 3 Accessibility

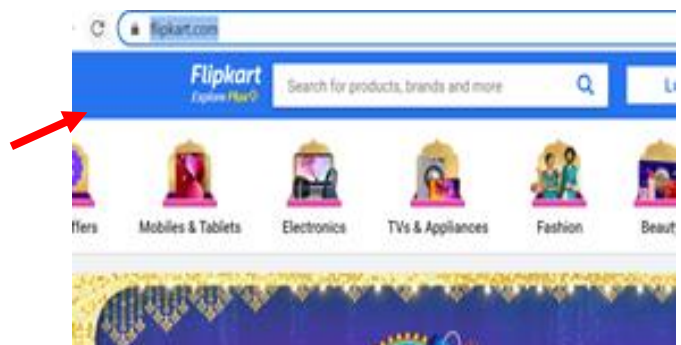
URL \* Browser ☒ Chrome ☐ Firefox

Environment ☐ Localhost ☒ Cloud

Remote Grid URL \* Region \*

Back Next

Example: <https://www.flipkart.com/>



## E. Accessibility

- Application URL should be provided here to capture accessibility metrics
- Choose Browser
- Select Localhost to run scan on local machine
- Select Cloud to run scan on cloud machine
- Provide Remote Grid Url
- Provide Region
- Click on next Button

The first screenshot shows the 'Accessibility' step selected in the progress bar. The form fields are: 'URL \*' (text input), 'Browser' (radio buttons for Chrome and Firefox, with Chrome selected), 'Environment' (radio buttons for Localhost and Cloud, with Localhost selected), and 'Back' and 'Next' buttons.

The second screenshot shows the 'Accessibility' step selected in the progress bar. The form fields are: 'URL \*' (text input), 'Browser' (radio buttons for Chrome and Firefox, with Chrome selected), 'Environment' (radio buttons for Localhost and Cloud, with Cloud selected), 'Remote Grid Url \*' (text input), 'Region \*' (text input), and 'Back' and 'Next' buttons.

## F. Security

- Application URL should be provided here to capture security metrics
- Choose Browser
- Select Localhost to run scan on local machine
- Select cloud to run scan on cloud machine
- Provide Remote Grid Url
- Provide Region
- Click on Next Button

The first screenshot shows the 'Security' step selected in the progress bar. The form fields are: 'URL \*' (text input), 'Browser' (radio buttons for Chrome and Firefox, with Chrome selected), 'Environment' (radio buttons for Localhost and Cloud, with Localhost selected), and 'Back' and 'Next' buttons.

The second screenshot shows the 'Security' step selected in the progress bar. The form fields are: 'URL \*' (text input), 'Browser' (radio buttons for Chrome and Firefox, with Chrome selected), 'Environment' (radio buttons for Localhost and Cloud, with Cloud selected), 'Remote Grid Url \*' (text input), 'Region \*' (text input), and 'Back' and 'Next' buttons.

## G. Cross-Browser

- Application URL should be provided here to capture cross-browser metrics
- Choose Browser
- Select Localhost to run scan on local machine
- Select cloud to run scan on cloud machine
- Provide Remote Grid Url
- Provide Region
- Click on Next Button

The screenshot shows the 'Cross-Browser' step selected in the progress bar. The form fields are: 'URL \*' (text input), 'Environment' (radio buttons for Localhost and Cloud, with Localhost selected), and 'Back' and 'Next' buttons.

## H. Active Monitor

- Application URL should be provided here to capture Active Monitor metrics
- Choose Browser
- Select localhost to run scan on local machine
- Select Cloud to run scan on cloud machine
- Provide Remote Grid Url
- Provide Region
- Click on Next Button

The screenshot shows the 'Choose the CXA attributes and Submit' form. At the top, a progress bar indicates the current step is 'Active Monitor' (step 5), with previous steps 'Configuration', 'Performance', 'Accessibility', 'Security', and 'Active Monitor' marked as completed. The form fields include: 'URL \*' (text input), 'Browser' (radio buttons for 'Chrome' and 'Firefox', with 'Chrome' selected), 'Environment' (radio buttons for 'Localhost' and 'Cloud', with 'Cloud' selected), 'Remote Grid Url \*' (text input), and 'Region \*' (text input). At the bottom, there are 'Back' and 'Next' buttons.

## I. SEO

- Application URL should be provided here to capture SEO metrics
- Choose Browser
- Select localhost to run scan on local machine
- Select Cloud to run scan on cloud machine
- Provide Remote Grid Url
- Provide Region
- Click on Next Button

The screenshot shows the 'Choose the CXA attributes and Submit' form. The progress bar indicates the current step is 'SEO' (step 6), with previous steps 'Configuration', 'Performance', 'Accessibility', 'Security', 'Active Monitor', and 'SEO' marked as completed. The form fields include: 'URL \*' (text input), 'Browser' (radio buttons for 'Chrome' and 'Firefox', with 'Chrome' selected), 'Environment' (radio buttons for 'Localhost' and 'Cloud', with 'Localhost' selected), 'Remote Grid Url \*' (text input), and 'Region \*' (text input). At the bottom, there are 'Back' and 'Next' buttons.

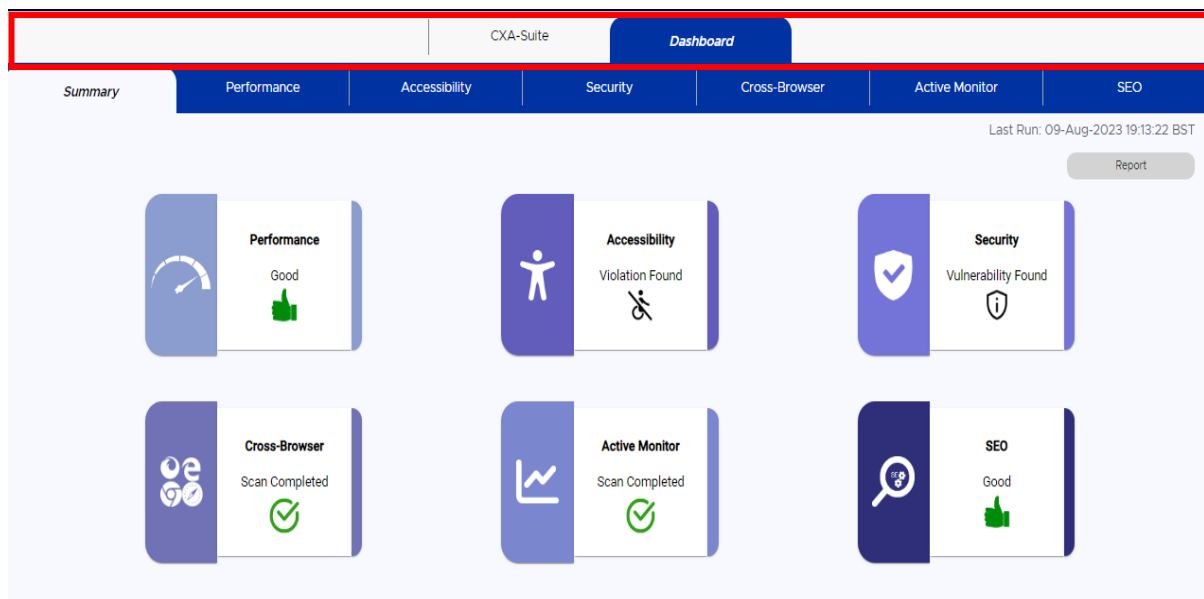
This screenshot shows the 'Choose the CXA attributes and Submit' form with the progress bar indicating the 'Done' step (step 7) is completed. The form fields and buttons are the same as in the previous screenshot, but the 'Next' button is disabled.

## J. Validate CXA Attributes & Submit

- Validate the attributes selected and Click on Submit button
- To go back and modify the details – click on Back button
- To reset – click on reset button.

The screenshot shows the 'Validate CXA Attributes and Submit' form. The progress bar indicates the current step is 'Performance' (step 2), with 'Configuration' (step 1) also marked as completed. Below the progress bar, it says 'These are the list of attributes selected :'. The list includes: '\* Performance', '\* Accessibility', '\* Security', '\* Cross-Browser', '\* Active Monitor', and '\* SEO'. At the bottom, there are 'Back', 'Submit', and 'Reset' buttons.

### 3. CXA-Viewer Scan Results



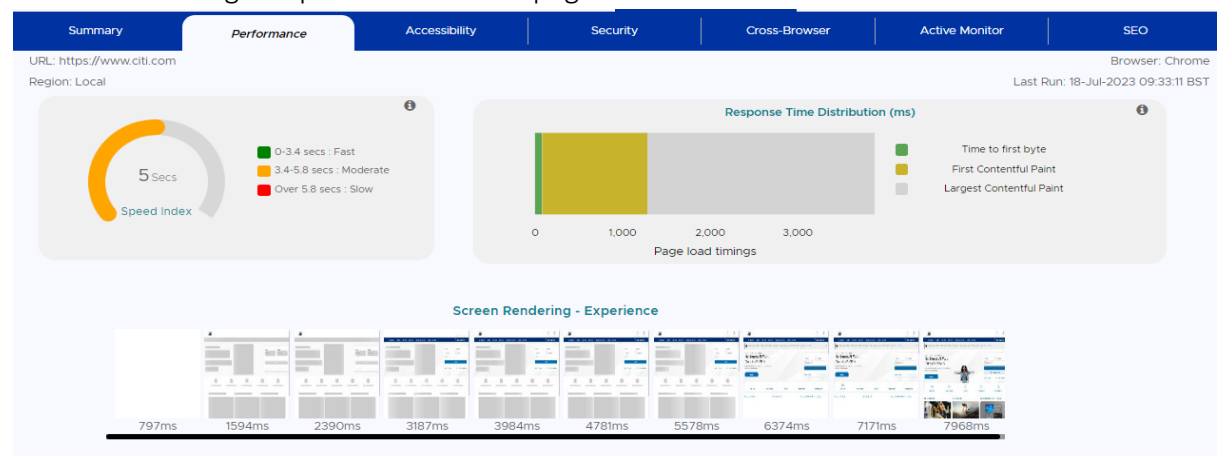
Once the CXA Suite is created and submitted, the user will be redirected to the dashboard view with the scan results.

To view the detailed report of an attribute, click on the desired attribute card or navigate to the associated tab (highlighted above)

#### A. Performance

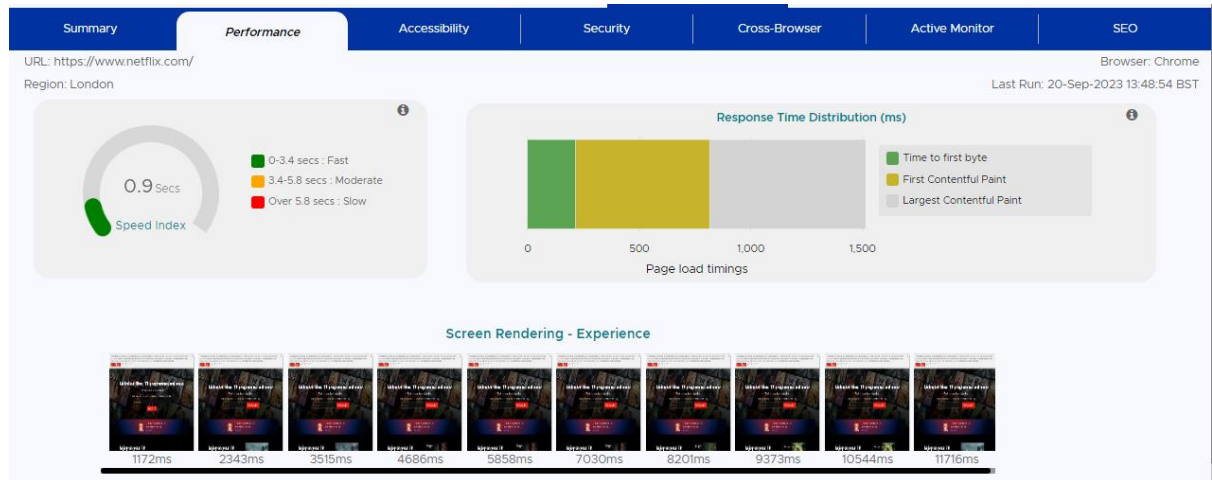
Shows the different performance metrics that has been scanned for the application on local machine

- Speed Index
- Response Time Distribution (In milliseconds)
- Screen Rendering – Experience with the page load timeline



Shows the different performance metrics that has been scanned for the application on cloud machine

- Speed Index
- Response Time Distribution (In milliseconds)
- Screen Rendering – Experience with the page load timeline



## B. Accessibility

Shows the accessibility checks on the application in accordance to the WCAG 2.1 guidelines, and the violations reported are categorized into

- Violations by Severity
- Violations by Guidelines
- Violations Summary





C. Security

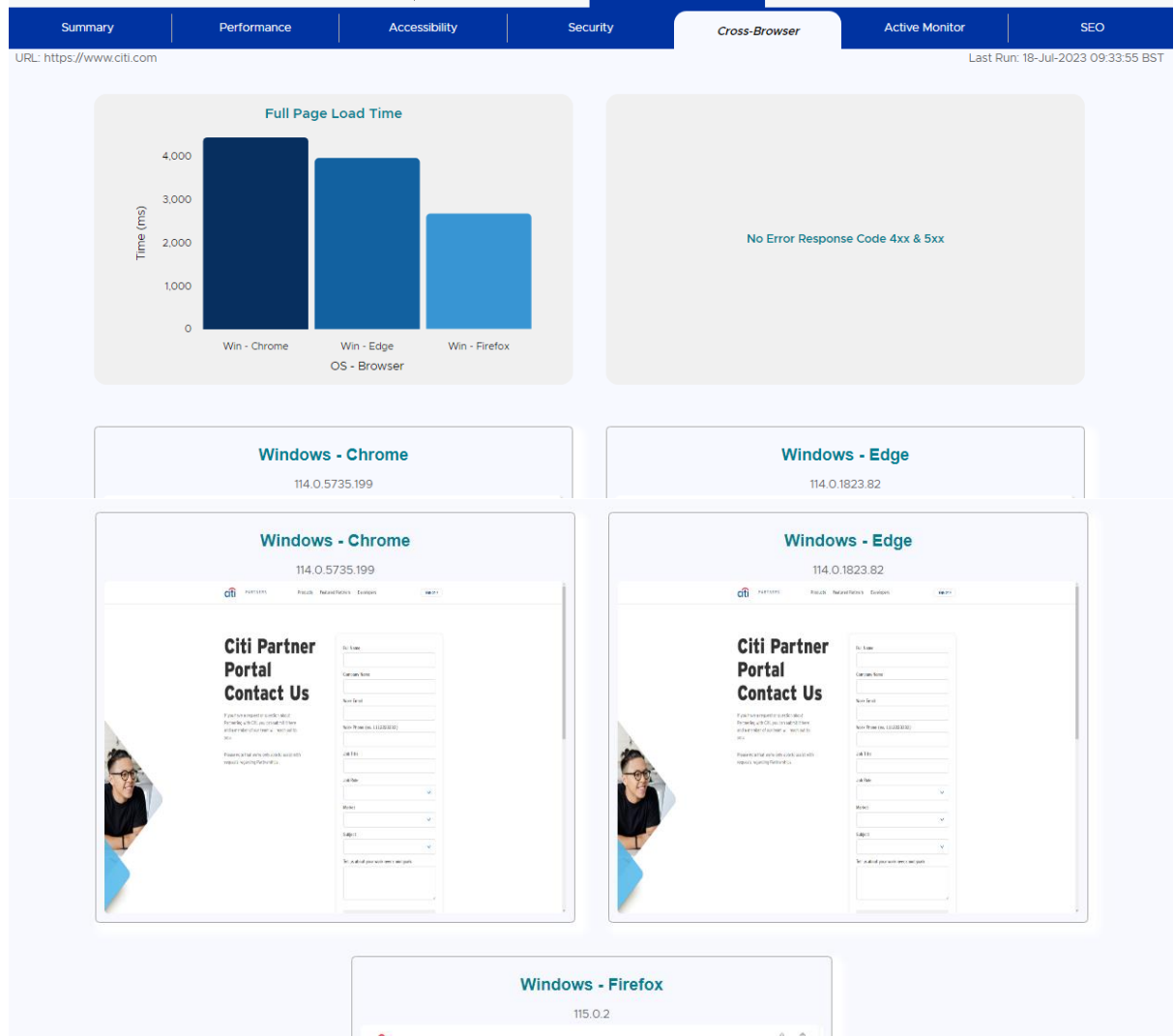
Shows the passive security checks done on the application and the vulnerabilities reported are categorized into

- Vulnerabilities Identified
- OWASP 2021 Guideline
- Passive Scan Summary



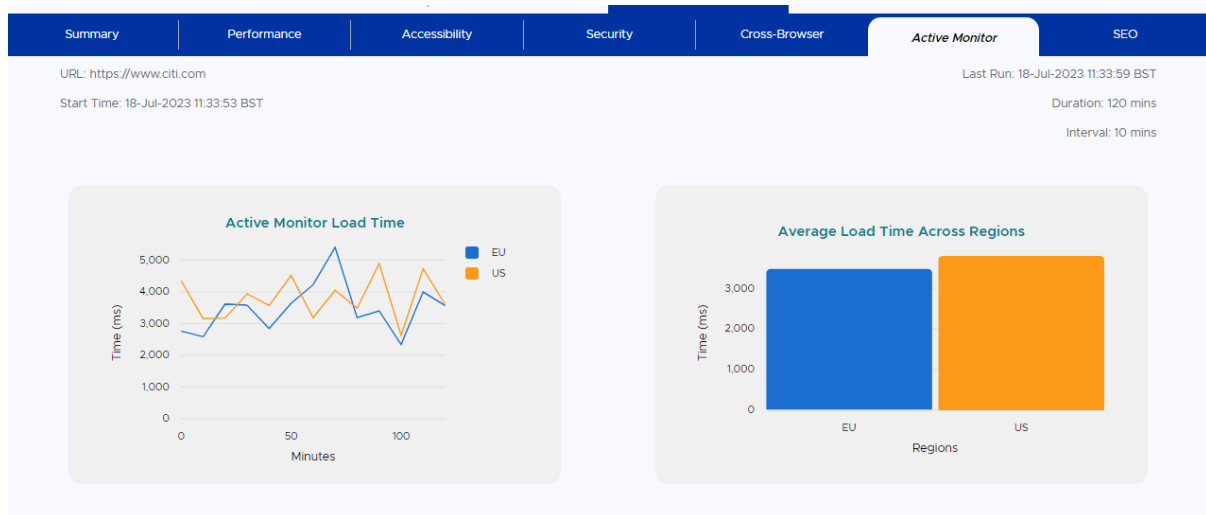
## D. Cross Browser

Shows the Full Page Load Time across different OS- browser combinations and response code errors.



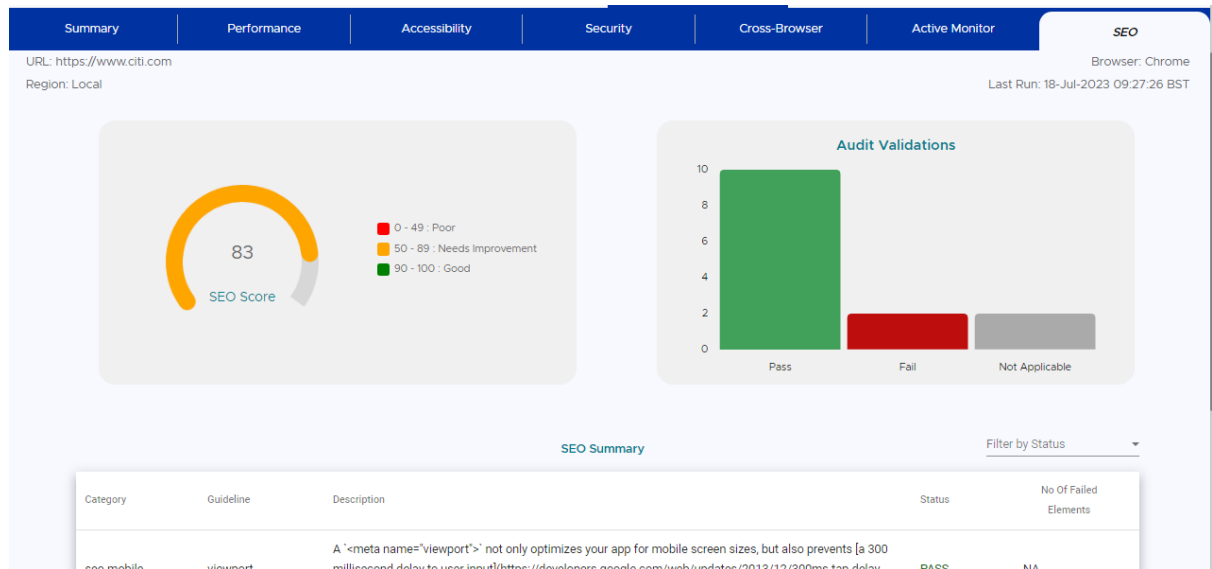
## E. Active Monitor

Shows the active monitor load time and average load time across different regions on the application.



## F. SEO

Shows the search engine optimization on application for user interface along with Audit Validations and SEO Summary.



## 4. Logout

- To logout from the CXA Application, click on the profile icon on the right side of the screen
- Click Logout

